FOUNDATION PAPERS

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
		PART I			
1.	ULT 10	Tamil I (All UG Courses)	25	75	100
2.	ULA 10	Arabic I (All UG Courses)	25	75	100
3.	ULF 10	French I (All UG Courses)	25	75	100
4.	ULH 10	Hindi I (All UG Courses)	25	75	100
5.	ULK 10	Kannada I (All UG Courses)	25	75	100
6.	ULM 10	Malayalam I (All UG Courses)	25	75	100
7.	ULS 10	Sanskrit I (All UG Courses)	25	75	100
8.	ULG 10	Telugu I (All UG Courses)	25	75	100
9.	ULU 10	Urdu I (All UG Courses)	25	75	100
		PART II			
10.	ULE 10	English I (All UG Courses)	25	75	100
		I YEAR (II SEMESTER)			
		PART I			
11.	ULT 20	Tamil II (All UG Courses)	25	75	100
12.	ULA 20	Arabic II (All UG Courses)	25	75	100
13.	ULF 20	French II (All UG Courses)	25	75	100
14.	ULH 20	Hindi II (All UG Courses)	25	75	100
15.	ULK 20	Kannada II (All UG Courses)	25	75	100
16.	ULM 20	Malayalam II (All UG Courses)	25	75	100
17.	ULS 20	Sanskrit II (All UG Courses)	25	75	100
18.	ULG 20	Telugu II (All UG Courses)	25	75	100
19.	ULU 20	Urdu II (All UG Courses)	25	75	100
		PART II			
20.	ULE 20	English II (All UG Courses)	25	75	100
		II YEAR (III SEMESTER)			
		PART I			
21.	ULT 30	Tamil III	25	75	100
22.	ULA 30	Arabic III	25	75	100
23.	ULF 30	French III	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
24.	ULH 30	Hindi III	25	75	100
25.	ULK 30	Kannada III	25	75	100
26.	ULM 30	Malayalam III	25	75	100
27.	ULS 30	Sanskrit III	25	75	100
28.	ULG 30	Telugu III	25	75	100
29.	ULU 30	Urdu III	25	75	100
		PART II			
30.	ULE 30	English III	25	75	100
		II YEAR (IV SEMESTER)			
		PART I			
31.	ULT 40	Tamil IV	25	75	100
32.	ULA 40	Arabic IV	25	75	100
33.	ULF 40	French IV	25	75	100
34.	ULH 40	Hindi IV	25	75	100
35.	ULK 40	Kannada IV	25	75	100
36.	ULM 40	Malayalam IV	25	75	100
37.	ULS 40	Sanskrit IV	25	75	100
38.	ULG 40	Telugu IV	25	75	100
39.	ULU 40	Urdu IV	25	75	100
		PART II			
40.	ULE 40	English IV	25	75	100

FOR NON TAMIL LANGUAGES – NON MAJOR PAPER

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		II YEAR (III SEMESTER)			
1.	UNT 30A	Basic Tamil	10	40	50
2.	UNT 30B	Advanced Tamil	10	40	50
		II YEAR (IV SEMESTER)			
3.	UNT 40A	Basic Tamil	10	40	50
4.	UNT 40B	Advanced Tamil	10	40	50

NOTE :

Candidates who have choosen (other than Tamil) Arabic, French, Hindi, Kannada, Malayalam, Sanskrit, Telugu and Urdu should choose UNT 30A, UNT 30B and UNT 40A, UNT 40B as their Non-Major subject.

B.A. CORPORATE ECONOMICS

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	UES 10	Environmental Studies	10	40	50
2.	UCE 11	Micro Economics I	25	75	100
3.	UCE 12	Elementary Statistics for Economists I	25	75	100
		ALLIED (Choose any 1 out of 4)			
4.	UACE 13A	Mathematical Methods in Economics I	25	75	100
5.	UACE 13B	Financial Administration I	25	75	100
6.	UACM 15C	Financial Accounting I	25	75	100
7.	UAHI 15D	Principles of Public Administration I	25	75	100
		I YEAR (II SEMESTER)			
8.	UGA 20	Value Education	10	40	50
9.	USS 20	Soft Skill	10	40	50
10.	UCE 21	Micro Economics II	25	75	100
11.	UCE 22	Elementary Statistics for Economists II	25	75	100
		ALLIED (Choose any 1 out of 4)			
12.	UACE 23A	Mathematical Methods in Economics II	25	75	100
13.	UACE 23B	Financial Administration II	25	75	100
14.	UACM 25C	Financial Accounting II	25	75	100
15.	UAHI 25D	Principles of Public Administration II	25	75	100
		II YEAR (III SEMESTER)			
16.	UCE 31	Indian Economy and Reforms I	25	75	100
17.	UCE 32	Monetary Economics I	25	75	100
		ALLIED (Choose any 1 out of 4)			
18.	UACE 33A	Managerial Economics I	25	75	100
19.	UACE 33B	Cost Accounting	25	75	100
20.	UACE 33C	International Economics I	25	75	100
21.	UACE 33D	Marketing I	25	75	100
		SKILL BASED SUBJECT I			
22.	USCE 34	Agricultural Finance I	15	60	75

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		NON MAJOR ELECTIVE I			
23.	UNCE 35	Fundamentals of Economics I	10	40	50
		II YEAR (IV SEMESTER)			
24.	UCE 41	Indian Economy and Reforms II	25	75	100
25.	UCE 42	Monetary Economics II	25	75	100
		ALLIED **(Choose any 1 out of 4)**			
26.	UACE 43A	Managerial Economics II	25	75	100
27.	UACE 43B	Management Accounting	25	75	100
28.	UACE 43C	International Economics II	25	75	100
29.	UACE 43D	Marketing II	25	75	100
		SKILL BASED SUBJECT II			
30.	USCE 44	Agriculture Finance II	15	60	75
		NON MAJOR ELECTIVE II			
31.	UNCE 45	Fundamentals of Economics II	10	40	50
		III YEAR (V SEMESTER)			
32.	UCE 51	Macro Economics I	25	75	100
33.	UCE 52	Fiscal Economics I	25	75	100
34.	UCE 53	Entrepreneurial Development and Strategic Management I	25	75	100
35.	UCE 54	Principles and Practice of Management	25	75	100
		ELECTIVE I **(Choose any ONE A or B or C or D)**			
36.	UECE 55A	Financial Markets and Systems I (Elective I)	25	75	100
37.	UECE 55B	Industrial Organization I (Elective I)	25	75	100
38.	UECE 55C	Business Organization and Management I (Elective I)	25	75	100
39.	UECE 55D	Computer Application in Corporate Bodies I (Elective I)	25	75	100
		SKILL BASED SUBJECT III			
40.	USCE 56	Economics of Human Resource Management I (SBS III)	15	60	75
		III YEAR (VI SEMESTER)			
41.	UCE 61	Macro Economics II	25	75	100
42.	UCE 62	Fiscal Economics II	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
43.	UCE 63	Entrepreneurial Development and Strategic Management II	25	75	100
		ELECTIVE II (Choose any ONE A or B or C or D)			
44.	UECE 64A	Financial Markets and Systems II	25	75	100
45.	UECE 64B	Industrial Organisation II	25	75	100
46.	UECE 64C	Business Organisation and Management II	25	75	100
47.	UECE 64D	Computer Application in Corporate Bodies II	25	75	100
		ELECTIVE III (Choose any ONE A or B or C or D)			
48.	UECE 65A	History of Economic Thought	25	75	100
49.	UECE 65B	Labour Economics	25	75	100
50.	UECE 65C	Insurance Economics	25	75	100
51.	UECE 65D	Business Communication	25	75	100
		SKILL BASED SUBJECT IV			
52.	USCE 66	Economics of Human Resource Management II (SBS IV)	15	60	75
53.	UEA 60	Extension Activities	50	–	50

NOTE :

Candidates should select other than their Major Subject as Non-Major

B.A. DEFENCE AND STRATEGIC STUDIES

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	UES 10	Environmental Studies	10	40	50
2.	UDS 11	Fundamentals of War and Peace	25	75	100
3.	UDS 12	Defence Mechanism of India	25	75	100
4.	UAHI 15C	Outlines of Political Theory I (Allied)	25	75	100
		I YEAR (II SEMESTER)			
5.	UGA 20	Value Education	10	40	50
6.	USS 20	Soft skill	10	40	50
7.	UDS 21	The Art of Warfare in India upto 15th Century	25	75	100
8.	UDS 22	World Military History I (4th Century BC to 19th Century)	25	75	100
9.	UAHI 25C	Outlines of Political Theory II (Allied)	25	75	100
		II YEAR (III SEMESTER)			
10.	UDS 31	The Art of Warfare in India since 15th Century	25	75	100
11.	UDS 32	World Military History II (19th Century to World War II)	25	75	100
12.	UADS 33	General Economics I (Allied)	25	75	100
		SKILL BASED SUBJECT			
13.	USDS 34	Introduction to Journalism (SBS I)	15	60	75
		NON MAJOR ELECTIVE			
14.	UNDS 35	Fundamentals of defence and strategic studies (NME I)	10	40	50
		II YEAR (IV SEMESTER)			
15.	UDS 41	International Relations and Organizations	25	75	100
16.	UDS 42	Limited Wars	25	75	100
17.	UADS 43	General Economics II (Allied)	25	75	100
		SKILL BASED SUBJECT			
18.	USDS 44	News and News Contents (SBS II)	15	60	75
		NON MAJOR ELECTIVE			
19.	UNDS 45	National Security of India (NME II)	10	40	50
		III YEAR (V SEMESTER)			
20.	UDS 51	Armed Forces and Society	25	75	100
21.	UDS 52	Strategic Thought	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
22.	UDS 53	Nuclear Warfare	25	75	100
23.	UDS 54	Defence Economics	25	75	100
		ELECTIVE I (Choose any ONE A or B or C)			
24.	UEDS 55A	Warfare in Independent India	25	75	100
25.	UEDS 55B	Military Geography	25	75	100
26.	UEDS 55C	Essentials of Public Administration	25	75	100
		SKILL BASED SUBJECT III			
27.	USDS 56	News Writing Procedure and News Story (SBS III)	15	60	75
		III YEAR (VI SEMESTER)			
28.	UDS 61	National Security of India	25	75	100
29.	UDS 62	International Law	25	75	100
30.	UDS 63	Arms Control and Disarmament	25	75	100
		ELECTIVE II (Choose any ONE A or B or C)			
31.	UEDS 64A	Specialised Warfare (Elective II)	25	75	100
32.	UEDS 64B	Warfare and Technology (Elective II)	25	75	100
33.	UEDS 64C	Elementary Study of the Constitution of India (Elective II)	25	75	100
34.	UEDS 65	Defence Management (Elective III)	25	75	100
		SKILL BASED SUBJECT			
35.	USDS 66	Basics of Defence Journalism (SBS IV)	15	60	75
36.	UEA 60	Extension Activities	50	–	50

NOTE :

Candidates should select other than their Major Subject as Non-Major

B.A. ECONOMICS

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	UES 10	Environmental Studies	10	40	50
2.	UEC 11	Micro Economics I	25	75	100
3.	UEC 12	Elementary Statistics for Economics I	25	75	100
		ALLIED (Choose any 1 out of 4)			
4.	UAEC 13A	History of India I	25	75	100
5.	UAEC 13B	Agricultural Marketing I	25	75	100
6.	UAEC 13C	Basics of Computer Application I	25	75	100
7.	UACM 15C	Financial Accounting I	25	75	100
		I YEAR (II SEMESTER)			
8.	UGA 20	Value Education	10	40	50
9.	USS 20	Soft Skill	10	40	50
10.	UEC 21	Micro Economics II	25	75	100
11.	UEC 22	Elementary Statistics for Economics II	25	75	100
		ALLIED (Choose any 1 out of 4)			
12.	UAEC 23A	History of India II	25	75	100
13.	UAEC 23B	Agricultural Marketing II	25	75	100
14.	UAEC 23C	Basics of Computer Application II	25	75	100
15.	UACM 25C	Financial Accounting II	25	75	100
		II YEAR (III SEMESTER)			
16.	UEC 31	Indian Economy I	25	75	100
17.	UEC 32	Monetary Economics I	25	75	100
		ALLIED (Choose any 1 out of 4)			
18.	UAEC 33A	Economics of Entrepreneurship I	25	75	100
19.	UAEC 33B	Economic Development of Tamil Nadu I	25	75	100
20.	UAEC 33C	Women and the Economy I	25	75	100
21.	UAEC 33D	Cost and Management Accounting I	25	75	100
		SKILL BASED SUBJECT I			
22.	USEC 34	Marketing Communications & Advertisement I (SBS I)	15	60	75

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		NON MAJOR ELECTIVE I			
23.	UNEC 35	Fundamentals of Economics I (NME I)	10	40	50
		II YEAR (IV SEMESTER)			
24.	UEC 41	Indian Economy II	25	75	100
25.	UEC 42	Monetary Economics II	25	75	100
		ALLIED **(Choose any 1 out of 4)**			
26.	UAEC 43A	Economics of Entrepreneurship II	25	75	100
27.	UAEC 43B	Economic Development of Tamil Nadu II	25	75	100
28.	UAEC 43C	Women and Economy II	25	75	100
29.	UAEC 43D	Cost and Management Accounting II	25	75	100
		SKILL BASED SUBJECT			
30.	USEC 44	Marketing Communications & Advertisement II (SBS II)	15	60	75
		NON MAJOR ELECTIVE			
31.	UNEC 45	Fundamentals of Economics II (NME II)	10	40	50
		III YEAR (V SEMESTER)			
32.	UEC 51	Macro Economics I	25	75	100
33.	UEC 52	Fiscal Economics I	25	75	100
34.	UEC 53	History of Economic Thought I	25	75	100
35.	UEC 54	Industrial Economics	25	75	100
		ELECTIVE I **(Choose any ONE A or B or C or D)**			
36.	UEEC 55A	Environmental Economics I	25	75	100
37.	UEEC 55B	International Trade I	25	75	100
38.	UEEC 55C	Industrial Organization I	25	75	100
39.	UEEC 55D	Economics of Capital Market and Digital Economy I	25	75	100
		SKILL BASED SUBJECT			
40.	USEC 56	Human Resource Management I (SBS III)	15	60	75
		III YEAR (VI SEMESTER)			
41.	UEC 61	Macro Economics II	25	75	100
42.	UEC 62	Fiscal Economics II	25	75	100
43.	UEC 63	History of Economic Thought II	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		ELECTIVE II (Choose any ONE A or B or C or D)			
44.	UEEC 64A	Environmental Economics II	25	75	100
45.	UEEC 64B	International Trade II	25	75	100
46.	UEEC 64C	Industrial Organization II	25	75	100
47.	UEEC 64D	Economics of Capital Market and Digital Economy II	25	75	100
		ELECTIVE III (Choose any ONE A or B or C or D)			
48.	UEEC 65A	Labour Economics	25	75	100
49.	UEEC 65B	Insurance & Economics	25	75	100
50.	UEEC 65C	Managerial Economics	25	75	100
51.	UEEC 65D	Energy Economics	25	75	100
		SKILL BASED SUBJECT			
52.	USEC 66	Human Resource Management II (SBS IV)	15	60	75
53.	UEA 60	Extension Activities	50	–	50

NOTE :

Candidates should select other than their Major Subject as Non-Major

B.A. ENGLISH

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	UES 10	Environmental Studies	10	40	50
2.	UEN 11	Indian Writing in English	25	75	100
3.	UEN 12	Fiction	25	75	100
4.	UAEN 13	Literary Forms and Terms (Allied)	25	75	100
		I YEAR (II SEMESTER)			
5.	UGA 20	Value Education	10	40	50
6.	USS 20	Soft Skill	10	40	50
7.	UEN 21	Prose	25	75	100
8.	UEN 22	Drama	25	75	100
9.	UAEN 23	The History of English Literature (1350 – 1850) I (Allied)	25	75	100
		II YEAR (III SEMESTER)			
10.	UEN 31	Poetry	25	75	100
11.	UEN 32	Shakespeare	25	75	100
12.	UAEN 33	The History of English Literature (1851 – 1950) II (Allied)	25	75	100
		SKILL BASED SUBJECT			
13.	USEN 34	Skills for Employment I (SBS I)	15	60	75
		NON MAJOR ELECTIVE			
14.	UNEN 35	English for Communication I (NME I)	10	40	50
		II YEAR (IV SEMESTER)			
15.	UEN 41	American Literature I	25	75	100
16.	UEN 42	The History of English Language	25	75	100
17.	UAEN 43	The Social History of England (Allied)	25	75	100
		SKILL BASED SUBJECT			
18.	USEN 44	Skills for Employment II (SBS II)	15	60	75
		NON MAJOR ELECTIVE			
19.	UNEN 45	English for Communication II (NME II)	10	40	50
		III YEAR (V SEMESTER)			
20.	UEN 51	American Literature II	25	75	100
21.	UEN 52	English Phonetics	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
22.	UEN 53	20th Century Literature I	25	75	100
23.	UEN 54	Introduction to Literary Criticism	25	75	100
24.	UEEN 55	Journalism (Elective I)	25	75	100
		SKILL BASED SUBJECT			
25.	USEN 56	Indian Literature in English Translation (SBS III)	15	60	75
		III YEAR (VI SEMESTER)			
26.	UEN 61	English Language Teaching	25	75	100
27.	UEN 62	Common Wealth Literature	25	75	100
28.	UEN 63	20th Century Literature II	25	75	100
29.	UEEN 64	Technology Mediated English (Elective II)	25	75	100
30.	UEEN 65	Aspect of Editing (Elective III)	25	75	100
		SKILL BASED SUBJECT			
31.	USEN 66	Creative Writing (SBS IV)	15	60	75
32.	UEA 60	Extension Activities	50	–	50

NOTE :

Candidates should select other than their Major Subject as Non-Major

B.A. HISTORY

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	UES 10	Environmental Studies	10	40	50
2.	UHI 11	History of India up to 1206 AD	25	75	100
3.	UHI 12	History of India from 1206 AD to 1707 AD	25	75	100
		ALLIED **(Choose any 1 out of 4)**			
4.	UAHI 13A	Studies on States and Governments I	25	75	100
5.	UAHI 13B	Principles of Sociology I	25	75	100
6.	UAHI 15C	Outlines of Political Theory I	25	75	100
7.	UAHI 15D	Principles of Public Administration I	25	75	100
		I YEAR (II SEMESTER)			
8.	UGA 20	Value Education	10	40	50
9.	USS 20	Soft Skill	10	40	50
10.	UHI 21	History of India from AD 1707 – AD 1885	25	75	100
11.	UHI 22	History of India from AD 1885 – AD 2001	25	75	100
		ALLIED **(Choose any 1 out of 4)**			
12.	UAHI 23A	Studies on States and Governments II	25	75	100
13.	UAHI 23B	Principles of Sociology II	25	75	100
14.	UAHI 25C	Outlines of Political Theory II	25	75	100
15.	UAHI 25D	Principles of Public Administration II	25	75	100
		II YEAR (III SEMESTER)			
16.	UHI 31	History of Tamilnadu up to A.D. 1336	25	75	100
17.	UHI 32	History of Tamilnadu A.D. 1336 – A.D.1806	25	75	100
		ALLIED **(Choose any 1 out of 4)**			
18.	UAHI 33A	Tourism I	25	75	100
19.	UAHI 33B	Media Studies I	25	75	100
20.	UAHI 33C	Basics of Information Technology I	25	75	100
21.	UAEC 15C	Indian Economy I	25	75	100
		SKILL BASED SUBJECT			
22.	USHI 34	Cultural Heritage of Tamilnadu (SBS I)	15	60	75

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		NON MAJOR ELECTIVE (Choose any ONE A or B)			
23.	UNHI 35A	Fundamentals of Defence and Strategic Studies (NME I)	10	40	50
24.	UNHI 35B	An Introduction to Museology (NME I)	10	40	50
		II YEAR (IV SEMESTER)			
25.	UHI 41	History of Tamilnadu from A.D. 1806 – A.D.2001	25	75	100
26.	UHI 42	History of Modern Asia A.D. 1900 – A.D. 2000 (Excluding India, China, Japan and West Asia)	25	75	100
		ALLIED (Choose any 1 out of 4)			
27.	UAHI 43A	Tourism II	25	75	100
28.	UAHI 43B	Media Studies II	25	75	100
29.	UAHI 43C	Basics of Information Technology II	25	75	100
30.	UAEC 25C	Indian Economy II	25	75	100
		SKILL BASED SUBJECT			
31.	USHI 44	Human Rights Education (SBS II)	15	60	75
		NON MAJOR ELECTIVE (Choose any ONE A or B)			
32.	UNHI 45A	Fundamentals of National Security (NME II)	10	40	50
33.	UNHI 45B	A Study of Numismatics with Special reference to Tamil Nadu (NME II)	10	40	50
		III YEAR (V SEMESTER)			
34.	UHI 51	History of Europe from A.D. 1453 – A.D. 1789	25	75	100
35.	UHI 52	History of USA from A.D. 1861 – A.D. 1932	25	75	100
36.	UHI 53	History of China from A.D. 1900 – A.D. 1990	25	75	100
		CORE (Choose any ONE A or B or C)			
37.	UHI 54A	History of the Arabs from A.D.570 – A.D. 750	25	75	100
38.	UHI 54B	History of Russia From Early times to A.D. 1917	25	75	100
39.	UHI 54C	Constitutional History of India from 1773 to 1950	25	75	100
		ELECTIVE I (Choose any ONE A or B or C)			
40.	UEHI 55A	History of Freedom Movement in Tamilnadu (Elective I)	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
41.	UEHI 55B	Women Development in Tamilnadu (A.D. 1900 – 2000) (Elective I)	25	75	100
42.	UEHI 55C	Archeology I (Elective I)	25	75	100
		SKILL BASED SUBJECT			
43.	USHI 56	History of Intellectuals of Tamil Nadu (1700 – 2000 A.D.) (SBS III)	15	60	75
		III YEAR (VI SEMESTER)			
44.	UHI 61	History of Europe from A.D. 1789 – A.D.1919	25	75	100
45.	UHI 62	History of USA from A.D. 1932 – A.D. 2000	25	75	100
46.	UHI 63	History of Japan from A.D. 1853 – A.D. 1990	25	75	100
		ELECTIVE II (Choose any ONE A or B or C)			
47.	UEHI 64A	History of Science and Technology in India upto 1900 A.D. (Elective II)	25	75	100
48.	UEHI 64B	Dravidian Movement in Tamilnadu I (upto 1947) (Elective II)	25	75	100
49.	UEHI 64C	History of the Arabs from AD 750 – AD 1258 (Elective II)	25	75	100
		ELECTIVE III (Choose any ONE A or B or C)			
50.	UEHI 65A	History of Science and Technology from 1900 to Present Day (Elective III)	25	75	100
51.	UEHI 65B	Dravidian Movement in Tamilnadu II (A.D. 1947 – 2000 A.D) (Elective III)	25	75	100
52.	UEHI 65C	Archeology II (Elective III)	25	75	100
		SKILL BASED SUBJECT			
53.	USHI 66	Growth of Panchayat Institutions in Taminadu (SBS IV)	15	60	75
54.	UEA 60	Extension Activities	50	–	50

NOTE :

Candidates should select other than their Major Subject as Non-Major

B.A. TAMIL

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		Kjy; Mz;L (Kjy; gUtk;)			
1.	UES 10	Rw;W R{Hy; gphpt[fs;	10	40	50
2.	UTA 11	,f;fhy ,yf;fpak; 1 (ftpij. ciueil. ehlfk;. g[jpdk;. rpWfij)	25	75	100
3.	UTA 12	,yf;fzk; 1 ed;D}y; (vGj;jjpfhuk;)	25	75	100
4.	UATA 13	jkpHf tuyhWk; gz;ghLk; 1 (rhh;g[ghlk;)	25	75	100
		Kjy; Mz;L (,uz;lhk; gUtk;)			
5.	UGA 20	kjpg;g[f; fy;tpg;ghlk;	10	40	50
6.	USS 20	Soft Skill	10	40	50
7.	UTA 21	,f;fhy ,yf;fpak; 2 (ftpij. ciueil. ehlfk;. g[jpdk;. rpwfij)	25	75	100
8.	UTA 22	,yf;fzk; 2 ed;D}y; (brhy;yjpfhuk;)	25	75	100
9.	UATA 23	jkpHf tuyhWk; gz;ghLk; 2 (rhh;g[ghlk;)	25	75	100
		,uz;lhk; Mz;L (K:d;whk; gUtk;)			
10.	UTA 31	,yf;fpak; 3 rkag;ghly;fSk; rpw;wpyf;fpa';fSk;	25	75	100
11.	UTA 32	,yf;fzk; 3 ahg;gU';fyf;fhhpif	25	75	100
12.	UATA 33	jkpH; ,yf;fpa tuyhW 1 (rhh;g[ghlk;)	25	75	100
		SKILL BASED SUBJECT			
13.	USTA 34	gad;ghl;Lj; jkpH; (jpwd; mog;gilapyhd tpUg;gg;ghlk; 1)	15	60	75
		NON MAJOR ELECTIVE			
14.	UNTA 35	jkpH; bkhHp ? mog;gil ,yf;fzk; (Jiw rhuh tpUg;gg;ghlk; 1)	10	40	50
		,uz;lhk; Mz;L (ehd;fhk; gUtk;)			
15.	UTA 41	,yf;fpak; 4 fhg;gpa';fs;	25	75	100
16.	UTA 42	,yf;fzk; 4 jz;oay';fhuk; (bghUszpapay; kl;Lk;)	25	75	100
17.	UATA 43	jkpH; ,yf;fpa tuyhW 2 (rhh;g[ghlk;)	25	75	100
		SKILL BASED SUBJECT			
18.	USTA 44	gilg;gpyf;fpaKk; bkhHpbgah;g;g[k; (jpwd; mog;gilapyhd tpUg;gg;ghlk; 2)	15	60	75
		NON MAJOR ELECTIVE			
19.	UNTA 45	,izak; (Jiw rhuh tpUg;gg;ghlk; 2)	10	40	50
		K:d;whk; Mz;L (Ie;jhk; gUtk;)			
20.	UTA 51	r';f ,yf;fpak; (g[wk;)	25	75	100
21.	UTA 52	,yf;fzk; 5	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
22.	UTA 53	jkpH;bkhHp tuyhW	25	75	100
23.	UTA 54	,yf;fpaj;jpwdha;t[	25	75	100
		ELECTIVE I **(Choose any ONE A or B or C)**			
24.	UETA 55A	,izak;	25	75	100
25.	UETA 55B	ehl;Lg;g[wtpay;	25	75	100
26.	UETA 55C	tpsk;gutpay;	25	75	100
		SKILL BASED SUBJECT			
27.	USTA 56	fy;btl;oay; (jpwd; mog;gilapyhd tpUg;gg;ghlk; 3)	15	60	75
		K:d;whk; Mz;L (Mwhk; gUtk;)			
28.	UTA 61	r';f ,yf;fpak; (mfk;)	25	75	100
29.	UTA 62	,yf;fzk; 6	25	75	100
30.	UTA 63	jpuhtpl bkhHpfspd; xg;gpyf;fzk;	25	75	100
		ELECTIVE II **(Choose any ONE A or B or C)**			
31.	UETA 64A	,jHpay;	25	75	100
32.	UETA 64B	g[j;jf gjpg;gpay;	25	75	100
33.	UETA 64C	jkpHfk; ? Ch;. bgah; tuyhW	25	75	100
		ELECTIVE III **(Choose any ONE A or B or C)**			
34.	UETA 65A	jkpHh; mHFf; fiyfs;	25	75	100
35.	UETA 65B	bgz;zpak;	25	75	100
36.	UETA 65C	Rw;Wyhtpay;	25	75	100
		SKILL BASED SUBJECT			
37.	USTA 66	jfty; bjhlh;gpay; (jpwd; mog;gilapyhd tpUg;gg;ghlk; 4)	15	60	75
38.	UEA 60	tphpthf;fr; bray;ghLfs;	50	-	50

NOTE :

Candidates should select other than their Major Subject as Non-Major

B.B.A.

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	UES 10	Environmental Studies	10	40	50
2.	UBA 11	Principles of Management	25	75	100
3.	UBA 12	Business Mathematics and Statistics I	25	75	100
		ALLIED **(Choose any 1 out of 4)**			
4.	UABA 13A	Business Organization	25	75	100
5.	UABA 13B	Principles of Insurance	25	75	100
6.	UABA 13C	Farm Management	25	75	100
7.	UABA 13D	Business Ethics	25	75	100
		I YEAR (II SEMESTER)			
8.	UGA 20	Value Education	10	40	50
9.	USS 20	Soft Skill	10	40	50
10.	UBA 21	Financial Accounting	25	75	100
11.	UBA 22	Business Mathematics and Statistics II	25	75	100
		ALLIED **(Choose any 1 out of 4)**			
12.	UABA 23A	Organizational Behaviour	25	75	100
13.	UABA 23B	Principles of Banking System	25	75	100
14.	UABA 23C	Time Management	25	75	100
15.	UABA 23D	Fundamentals of Computer	25	75	100
		II YEAR (III SEMESTER)			
16.	UBA 31	Production Management	25	75	100
17.	UBA 32	Management Accounting I	25	75	100
18.	UBA 33	Strategic Management	25	75	100
19.	UBA 34	Managerial Economics	25	75	100
		ALLIED **(Choose any 1 out of 4)**			
20.	UABA 35A	Tourism Management	25	75	100
21.	UABA 35B	Services Marketing	25	75	100
22.	UABA 35C	Business Communication	25	75	100
23.	UABA 35D	Office Management	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		SKILL BASED SUBJECT			
24.	USBA 36	Customer Relationship Management (SBS I)	15	60	75
		NON MAJOR ELECTIVE			
25.	UNBA 37	Management Concepts (NME I)	10	40	50
		II YEAR (IV SEMESTER)			
26.	UBA 41	Materials Management	25	75	100
27.	UBA 42	Management Accounting II	25	75	100
28.	UBA 43	Business Environment	25	75	100
		ALLIED **(Choose any 1 out of 4)**			
29.	UABA 44A	Project Management	25	75	100
30.	UABA 44B	Hotel Management	25	75	100
31.	UABA 44C	Reward Management	25	75	100
32.	UABA 44D	Organizational Psychology	25	75	100
		SKILL BASED SUBJECT			
33.	USBA 45	Total Quality Management (SBS II)	15	60	75
		NON MAJOR ELECTIVE			
34.	UNBA 46	Training Development (NME II)	10	40	50
		III YEAR (V SEMESTER)			
35.	UBA 51	Financial Management	25	75	100
36.	UBA 52	Marketing Management	25	75	100
37.	UBA 53	Human Resource Management	25	75	100
38.	UEBA 54	Business Law (Elective I)	25	75	100
		SKILL BASED SUBJECT			
39.	USBA 55	E-Business (SBS III)	15	60	75
		III YEAR (VI SEMESTER)			
40.	UBA 61	Cost Accounting	25	75	100
41.	UBA 62	Industrial Relations and Labour Laws	25	75	100
42.	UEBA 63	Computer Application in Business (Elective II)	25	75	100
43.	UEBA 64	Entrepreneurial Development (Elective III)	25	75	100
		SKILL BASED SUBJECT			
44.	USBA 65	Creativity and Innovation Management (SBS IV)	15	60	75
45.	**UPBA 66**	**Project Work**	**25**	**75**	**100**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
46.	UEA 60	Extension Activities	50	–	50

NOTE :

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B.C.A.

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	UES 10	Environmental Studies	10	40	50
2.	UCA 11	Digital Logic and Microprocessor	25	75	100
3.	UAMA 15B	Mathematical Foundations I (Allied)	25	75	100
		I YEAR (II SEMESTER)			
4.	UGA 20	Value Education	10	40	50
5.	USS 20	Soft Skill	10	40	50
6.	UCA 21	Programming in C	25	75	100
7.	UAMA 25B	Mathematical Foundation II (Allied)	25	75	100
		PRACTICAL			
8.	**UPCA 23**	**Practical I – PC Software Lab**	**40**	**60**	**100**
9.	**UPCA 24**	**Practical II – Programming in C Lab**	**40**	**60**	**100**
		II YEAR (III SEMESTER)			
10.	UCA 31	Programming in C++	25	75	100
11.	UCA 32	Data Structure	25	75	100
12.	UCA 33	Computer Networks	25	75	100
13.	UACM 15C	Financial Accounting I (Allied)	25	75	100
		SKILL BASED SUBJECT			
14.	USCA 34	Management Information Systems (SBS I)	15	60	75
		NON MAJOR ELECTIVE			
15.	UNCA 35	Introduction to Information Technology (NME I)	10	40	50
		PRACTICAL			
16.	**UPCA 36**	**Practical III – C++ and Data Structure Lab**	**40**	**60**	**100**
		II YEAR (IV SEMESTER)			
17.	UCA 41	Java Programming	25	75	100
18.	UCA 42	System Analysis and Design	25	75	100
19.	UCA 43	E–Commerce	25	75	100
20.	UACM 25C	Financial Accounting II (Allied)	25	75	100
		SKILL BASED SUBJECT			
21.	USCA 44	Mobile Computing (SBS II)	15	60	75
		NON MAJOR ELECTIVE			

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
22.	UNCA 45	Internet and its Applications (NME II)	10	40	50
		PRACTICAL			
23.	**UPCA 46**	**Practical IV – Java Lab**	**40**	**60**	**100**
		III YEAR (V SEMESTER)			
24.	UCA 51	Database Management Systems	25	75	100
25.	UCA 52	Visual Programming	25	75	100
		ELECTIVE I **(Choose any ONE A or B or C)**			
26.	UECA 53A	Operating Systems	25	75	100
27.	UECA 53B	Software Engineering	25	75	100
28.	UECA 53C	Design of Algorithms	25	75	100
		SKILL BASED SUBJECT			
29.	USCA 54	Cryptography (SBS III)	15	60	75
		PRACTICAL			
30.	**UPCA 55**	**Practical V – RDBMS**	**40**	**60**	**100**
31.	**UPCA 56**	**Practical VI – Visual Programming Lab**	**40**	**60**	**100**
		III YEAR (VI SEMESTER)			
32.	UCA 61	Open Source Software	25	75	100
33.	UCA 62	Multimedia	25	75	100
		ELECTIVE II **(Choose any ONE A or B or C)**			
34.	UECA 63A	Data Communication Networks	25	75	100
35.	UECA 63B	Artificial Intelligence	25	75	100
36.	UECA 63C	Software Testing	25	75	100
		ELECTIVE III **(Choose any ONE A or B or C)**			
37.	UECA 64A	Data Warehousing & Data Mining	25	75	100
38.	UECA 64B	Digital Image Processing	25	75	100
39.	UECA 64C	Software Project Management	25	75	100
		SKILL BASED SUBJECT			
40.	USCA 65	Internet and its applications (SBS IV)	15	60	75
		PRACTICAL			

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
41.	**UPCA 66**	**Practical VII – Open Source Software Lab**	**40**	**60**	**100**
42.	**UPCA 67**	**Practical VIII – Multimedia Lab**	**40**	**60**	**100**
43.	UEA 60	Extension Activities	50	–	50

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B.COM.

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	UES 10	Environmental Studies	10	40	50
2.	UCM 11	Financial Accounting I	25	75	100
3.	UCM 12	Business Organization	25	75	100
		ALLIED (Choose any 1 out of 3)			
4.	UACM 13A	Business Mathematics	25	75	100
5.	UACM 13B	Principles of Marketing	25	75	100
6.	UAEC 15C	Indian Economy I	25	75	100
		I YEAR (II SEMESTER)			
7.	UGA 20	Value Education	10	40	50
8.	USS 20	Soft Skill	10	40	50
9.	UCM 21	Financial Accounting II	25	75	100
10.	UCM 22	Business Communication	25	75	100
		ALLIED (Choose any 1 out of 3)			
11.	UACM 23A	Modern Marketing	25	75	100
12.	UACM 23B	Logistics Management	25	75	100
13.	UAEC 25C	Indian Economy II	25	75	100
		II YEAR (III SEMESTER)			
14.	UCM 31	Corporate Accounting I	25	75	100
15.	UCM 32	Business Law	25	75	100
16.	UCM 33	Modern Banking	25	75	100
17.	UCM 34	Business Statistics and Operations Research I	25	75	100
18.	UACM 35	Business Economics I (Allied)	25	75	100
		SKILL BASED SUBJECT			
19.	USCM 36	Development of Small Business (SBS I)	15	60	75
		NON MAJOR ELECTIVE			
20.	UNCM 37	Elements of Accountancy (NME I)	10	40	50
		II YEAR (IV SEMESTER)			
21.	UCM 41	Corporate Accounting II	25	75	100
22.	UCM 42	Business Law	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
23.	UCM 43	Banking Law and Practice	25	75	100
24.	UCM 44	Business Statistics and Operations Research II	25	75	100
25.	UACM 45	Business Economics II (Allied)	25	75	100
		SKILL BASED SUBJECT			
26.	USCM 46	Industrial Organization (SBS II)	15	60	75
		NON MAJOR ELECTIVE			
27.	UNCM 47	General Commercial Knowledge (NME II)	10	40	50
		III YEAR (V SEMESTER)			
28.	UCM 51	Cost Accounting I	25	75	100
29.	UCM 52	Practical Auditing	25	75	100
30.	UCM 53	Business Management	25	75	100
31.	UCM 54	Income Tax Law & Practice I	25	75	100
		ELECTIVE I **(Choose any ONE A or B or C)**			
32.	UECM 55A	Entrepreneurial Development	25	75	100
33.	UECM 55B	Inventory Management	25	75	100
34.	UECM 55C	Office Management	25	75	100
		SKILL BASED SUBJECT			
35.	USCM 56	Merchant Banking (SBS III)	15	60	75
		III YEAR (VI SEMESTER)			
36.	UCM 61	Cost Accounting II	25	75	100
37.	UCM 62	Management Accounting	25	75	100
38.	UCM 63	Income Tax Law & Practice II	25	75	100
		ELECTIVE II **(Choose any ONE A or B or C)**			
39.	UECM 64A	Financial Management	25	75	100
40.	UECM 64B	Services Environment	25	75	100
41.	UECM 64C	Computer and Office Automation	25	75	100
		ELECTIVE III **(Choose any ONE A or B or C)**			
42.	UECM 65A	Human Resource Management	25	75	100
43.	UECM 65B	Business Environment	25	75	100
44.	UECM 65C	Financial Services	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		SKILL BASED SUBJECT			
45.	USCM 66	Investment Management (SBS IV)	15	60	75
46.	UEA 60	Extension Activities	50	–	50

NOTE :

Candidates should select other than their Major Subject as Non-Major

B.COM. COMPUTER APPLICATION

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	UES 10	Environmental Studies	10	40	50
2.	UCP 11	Financial Accounting I	25	75	100
3.	UCP 12	Basics of Information Technology	25	75	100
		ALLIED (Choose any 1 out of 3)			
4.	UACP 13A	Business Economics I	25	75	100
5.	UACP 13B	Entrepreneurial Development	25	75	100
6.	UAMA 15D	Business Mathematics	25	75	100
		I YEAR (II SEMESTER)			
7.	UGA 20	Value Education	10	40	50
8.	USS 20	Soft Skill	10	40	50
9.	UCP 21	Financial Accounting II	25	75	100
		ALLIED (Choose any 1 out of 3)			
10.	UACP 22A	Business Economics II	25	75	100
11.	UACP 22B	Modern Marketing	25	75	100
12.	UAST 25C	Business Statistics	25	75	100
		PRACTICAL			
13.	**UPCP 23**	**Practical I – Office Automation Lab**	**40**	**60**	**100**
		II YEAR (III SEMESTER)			
14.	UCP 31	Corporate Accounting I	25	75	100
15.	UCP 32	Business Law	25	75	100
16.	UCP 33	Modern Banking	25	75	100
17.	UCP 34	Management Information System	25	75	100
18.	UACP 35	Multimedia (Allied)	25	75	100
		SKILL BASED SUBJECT			
19.	USCP 36	Development of Small Business (SBS I)	15	60	75
		NON MAJOR ELECTIVE			
20.	UNCP 37	Elements of Accountancy (NME I)	10	40	50
		II YEAR (IV SEMESTER)			
21.	UCP 41	Corporate Accounting II	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
22.	UCP 42	Principles of Marketing	25	75	100
23.	UCP 43	RDBMS (Relational Data Base Management System)	25	75	100
24.	UACP 44	E-Commerce and its Applications (Allied)	25	75	100
		SKILL BASED SUBJECT			
25.	USCP 45	Industrial Organization (SBS II)	15	60	75
		NON MAJOR ELECTIVE			
26.	UNCP 46	General Commercial Knowledge (NME II)	10	40	50
		PRACTICAL			
27.	**UPCP 47**	**Practical II – RDBMS Lab**	**40**	**60**	**100**
		III YEAR (V SEMESTER)			
28.	UCP 51	Cost Accounting I	25	75	100
29.	UCP 52	Management Accounting	25	75	100
30.	UCP 53	Business Management	25	75	100
31.	UCP 54	Internet and its Applications	25	75	100
		ELECTIVE I **(Choose any ONE A or B or C)**			
32.	UECP 55A	Income Tax Law and Practice I	25	75	100
33.	UECP 55B	Inventory Management	25	75	100
34.	UECP 55C	Office Management	25	75	100
		SKILL BASED SUBJECT			
35.	USCP 56	Merchant Banking (SBS III)	15	60	75
		III YEAR (VI SEMESTER)			
36.	UCP 61	Cost Accounting II	25	75	100
37.	UCP 62	Web Technology	25	75	100
		ELECTIVE II **(Choose any ONE A or B or C)**			
38.	UECP 63A	Income Tax Law and Practice II	25	75	100
39.	UECP 63B	Services Marketing	25	75	100
40.	UECP 63C	Practical Auditing	25	75	100
		ELECTIVE III **(Choose any ONE A or B or C)**			
41.	UECP 64A	Operating Systems	25	75	100
42.	UECP 64B	Data Mining	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
43.	UECP 64C	Enterprise Resource Planning	25	75	100
		SKILL BASED SUBJECT			
44.	USCP 65	Investment Management (SBS IV)	15	60	75
		PRACTICAL			
45.	**UPCP 66**	**Practical III – Web Technology Lab**	**40**	**60**	**100**
46.	UEA 60	Extension Activities	50	–	50

NOTE :

Candidates should select other than their Major Subject as Non-Major

B.COM. CORPORATE SECRETARYSHIP

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	UES 10	Environmental Studies	10	40	50
2.	UKS 11	Financial Accounting I	25	75	100
3.	UKS 12	Principles of Management	25	75	100
		ALLIED **(Choose any 1 out of 4)**			
4.	UAKS 13A	Managerial Economics I	25	75	100
5.	UAKS 13B	Corporate E-Management I	25	75	100
6.	UAKS 13C	Principles of Marketing	25	75	100
7.	UAKS 13D	Elements of Insurance	25	75	100
		I YEAR (II SEMESTER)			
8.	UGA 20	Value Education	10	40	50
9.	USS 20	Soft Skill	10	40	50
10.	UKS 21	Financial Accounting II	25	75	100
11.	UKS 22	Human Resource Management	25	75	100
		ALLIED **(Choose any 1 out of 4)**			
12.	UAKS 23A	Managerial Economics II	25	75	100
13.	UAKS 23B	Corporate E-Management II	25	75	100
14.	UAKS 23C	Office Management	25	75	100
15.	UAKS 23D	Fundamentals of Information Technology	25	75	100
		II YEAR (III SEMESTER)			
16.	UKS 31	Company Law and Secretarial Practice I	25	75	100
17.	UKS 32	Corporate Accounting I	25	75	100
		ALLIED **(Choose any 1 out of 4)**			
18.	UAKS 33A	Statistics I	25	75	100
19.	UAKS 33B	Introduction to Tally Accounting	25	75	100
20.	UAKS 33C	Corporate Finance	25	75	100
21.	UAKS 33D	International Trade	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		SKILL BASED SUBJECT			
22.	USKS 34	Computer Application in Business (SBS I)	15	60	75
		NON MAJOR ELECTIVE			
23.	UNKS 35	Services Marketing (NME I)	10	40	50
		II YEAR (IV SEMESTER)			
24.	UKS 41	Company Law and Secretarial Practice II	25	75	100
25.	UKS 42	Corporate Accounting II	25	75	100
		ALLIED **(Choose any 1 out of 4)**			
26.	UAKS 43A	Statistics II	25	75	100
27.	UAKS 43B	Business Mathematics	25	75	100
28.	UAKS 43C	Investment Management	25	75	100
29.	UAKS 43D	Organizational Behaviour	25	75	100
		SKILL BASED SUBJECT			
30.	USKS 44	Import and Export Practice (SBS II)	15	60	75
		NON MAJOR ELECTIVE			
31.	UNKS 45	Project Management (NME II)	10	40	50
		III YEAR (V SEMESTER)			
32.	UKS 51	Cost Accounting	25	75	100
33.	UKS 52	Banking Law and Practice	25	75	100
34.	UKS 53	Income Tax Law and Practice I	25	75	100
35.	UKS 54	Commercial Law	25	75	100
36.	UEKS 55	Entrepreneurial Development (Elective I)	25	75	100
		SKILL BASED SUBJECT			
37.	USKS 56	Research Methodology (SBS III)	15	60	75
		III YEAR (VI SEMESTER)			
38.	UKS 61	Management Accounting	25	75	100
39.	UKS 62	Auditing	25	75	100
40.	UKS 63	Income Tax Law and Practice II	25	75	100
41.	UEKS 64	Business Communication (Elective II)	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
42.	UEKS 65	Marketing Management (Elective III)	25	75	100
		SKILL BASED SUBJECT			
43.	USKS 66	Institutional Training (SBS IV)	15	60	75
44.	UEA 60	Extension Activities	50	–	50

NOTE :

Candidates should select other than their Major Subject as Non-Major

B.COM. FINANCE AND ACCOUNTS

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	UES 10	Environmental Studies	10	40	50
2.	UFA 11	Financial Accounting I	25	75	100
3.	UFA 12	Business Communication	25	75	100
		ALLIED (Choose any 1 out of 3)			
4.	UAFA 13A	Elements of Insurance	25	75	100
5.	UAFA 13B	Retail Business Management	25	75	100
6.	UAMA 15D	Business Mathematics	25	75	100
		I YEAR (II SEMESTER)			
7.	UGA 20	Value Education	10	40	50
8.	USS 20	Soft Skill	10	40	50
9.	UFA 21	Financial Accounting II	25	75	100
10.	UFA 22	Business Law	25	75	100
		ALLIED I (Choose any 1 out of 3)			
11.	UAFA 23A	Office Management	25	75	100
12.	UAFA 23B	Logistics Management	25	75	100
13.	UAST 25C	Business Statistics	25	75	100
		II YEAR (III SEMESTER)			
14.	UFA 31	Corporate Accounting I	25	75	100
15.	UFA 32	Working Capital Management	25	75	100
16.	UFA 33	Company Law	25	75	100
17.	UFA 34	Modern Banking	25	75	100
18.	UAFA 35	Business Economics I (Allied II)	25	75	100
		SKILL BASED SUBJECT			
19.	USFA 36	Investment Management (SBS I)	15	60	75
		NON MAJOR ELECTIVE			
20.	UNFA 37	Elements of Accountancy (NME I)	10	40	50
		II YEAR (IV SEMESTER)			
21.	UFA 41	Corporate Accounting II	25	75	100
22.	UFA 42	Business Management	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
23.	UFA 43	Banking Law and Practice	25	75	100
24.	UFA 44	Financial Management	25	75	100
25.	UAFA 45	Business Economics II (Allied II)	25	75	100
		SKILL BASED SUBJECT			
26.	USFA 46	Port Folio Management (SBS II)	15	60	75
		NON MAJOR ELECTIVE			
27.	UNFA 47	General Commercial Knowledge (NME II)	10	40	50
		III YEAR (V SEMESTER)			
28.	UFA 51	Cost Accounting I	25	75	100
29.	UFA 52	Practical Auditing	25	75	100
30.	UFA 53	Financial Services	25	75	100
31.	UFA 54	Income Tax Law and Practice I	25	75	100
		ELECTIVE I **(Choose any ONE A or B or C)**			
32.	UEFA 55A	Marketing Management	25	75	100
33.	UEFA 55B	Organizational Behaviour	25	75	100
34.	UEFA 55C	Industrial Law	25	75	100
		SKILL BASED SUBJECT			
35.	USFA 56	Merchant Banking (SBS III)	15	60	75
		III YEAR (VI SEMESTER)			
36.	UFA 61	Cost Accounting II	25	75	100
37.	UFA 62	Management Accounting	25	75	100
38.	UFA 63	Income Tax Law and Practice II	25	75	100
		ELECTIVE II **(Choose any ONE A or B or C)**			
39.	UEFA 64A	Services Marketing	25	75	100
40.	UEFA 64B	Inventory Management	25	75	100
41.	UEFA 64C	Computer and Office Automation	25	75	100
		ELECTIVE III **(Choose any ONE A or B or C)**			
42.	UEFA 65A	Human Resource Management	25	75	100
43.	UEFA 65B	Business Environment	25	75	100
44.	UEFA 65C	Business Ethics	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		SKILL BASED SUBJECT			
45.	USFA 66	Entrepreneurial Development (SBS IV)	15	60	75
46.	UEA 60	Extension Activities	50	–	50

NOTE :

Candidates should select other than their Major Subject as Non-Major

B.LIT. TAMIL

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		Kjy; Mz;L (Kjy; gUtk;)			
1.	UES 10	Rw;W R{Hy; gphpt[fs;	10	40	50
2.	ULI 11	bkhHpj;jpwDk; gilg;gpyf;fpaKk;	25	75	100
3.	ULI 12	,yf;fpak; 1 ,f;fhy ,yf;fpak; ftpij	25	75	100
4.	ULI 13	,yf;fzk; 1 ed;D}y; ? vGj;jjpfhuk;	25	75	100
5.	ULI 14	,yf;fzk; 2 ahg;gU';fyf; fhhpif. jz;oay';fhuk;	25	75	100
6.	UALI 15	jkpHf tuyhWk; gz;ghLk; ? gFjp 1 (rhh;g[ghlk;)	25	75	100
		Kjy; Mz;L (,uz;lhk; gUtk;)			
7.	UGA 20	kjpg;g[f; fy;tpg;ghlk;	10	40	50
8.	USS 20	Soft Skill	10	40	50
9.	ULI 21	,yf;fpak; 2 ,f;fhy ,yf;fpak; ? ciueil	25	75	100
10.	ULI 22	,yf;fzk; 3 ed;D}y; ? brhy;yjpfhuk;. fhz;oifa[iu	25	75	100
11.	ULI 23	,yf;fzk; 4 ek;gpafg;bghUs;. g[wg;bghUs; btz;ghkhiy	25	75	100
12.	ULI 24	jkpH; ,yf;fpa tuyhW ? gFjp 1	25	75	100
13.	UALI 25	jkpHf tuyhWk; gz;ghLk; ? gFjp 2 (rhh;g[ghlk;)	25	75	100
		,uz;lhk; Mz;L (K:d;whk; gUtk;)			
14.	ULI 31	,yf;fpak; 3 ePjp ,yf;fpa';fs;	25	75	100
15.	ULI 32	,yf;fzk; 5 bjhy;fhg;gpak; ? vGj;jjpfhuk;	25	75	100
16.	ULI 33	jkpH; ,yf;fpa tuyhW ? gFjp 2	25	75	100
17.	UALI 34	fy;btl;Lk; nfhapw;fiya[k; (rhh;g[ghlk;)	25	75	100
		SKILL BASED SUBJECT			
18.	USLI 35	,e;jpa rka';fs; (jpwd; mog;gilapyhd tpUg;gg;ghlk; 1)	15	60	75
		NON MAJOR ELECTIVE			
19.	UNLI 36	gad;ghl;Lj; jkpH; 1 (Jiw rhuh tpUg;gg;ghlk; 1)	10	40	50
		,uz;lhk; Mz;L (ehd;fhk; gUtk;)			
20.	ULI 41	,yf;fpak; 4 rka ,yf;fpa';fs;	25	75	100
21.	ULI 42	,yf;fpaj; jpwdha;t[k; bfhs;iffSk;	25	75	100
22.	ULI 43	,yf;fzk; 6 bjhy;fhg;gpak; ? brhy;yjpfhuk;	25	75	100
23.	UALI 44	RtoapaYk; gjpg;g[Kiwa[k; (rhh;g[ghlk;)	25	75	100
		SKILL BASED SUBJECT			
24.	USLI 45	ehl;Lg;g[wtpay; Xh; mwpKfk; (jpwd; mog;gilapyhd	15	60	75

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		tpUg;gg; ghlk; 2)			
		NON MAJOR ELECTIVE			
25.	UNLI 46	gad;ghl;Lj; jkpH; (Jiw rhuh tpUg;gg; ghlk; 2)	10	40	50
		K:d;whk; Mz;L (Ie;jhk; gUtk;)			
26.	ULI 51	,yf;fpak; 5 fhg;gpa ,yf;fpak;	25	75	100
27.	ULI 52	,yf;fpak; 6 r';f ,yf;fpak; gFjp 1	25	75	100
28.	ULI 53	,yf;fzk; 7 bjhy;fhg;gpak; ? bghUsjpfhuk; ? gFjp 1	25	75	100
29.	ULI 54	bkhHp tuyhW	25	75	100
30.	UELI 55	fzpdp mwpKfKk; braw;ghLfSk; (tpUg;gg;ghlk; 1)	25	75	100
		SKILL BASED SUBJECT			
31.	USLI 56	kf;fs; jfty; bjhlh;gpay; (jpwd; mog;gilapyhd tpUg;gg;ghlk; 3)	15	60	75
		K:d;whk; Mz;L (Mwhk; gUtk;)			
32.	ULI 61	,yf;fpak; 7 r';f ,yf;fpak; ? gFjp 2	25	75	100
33.	ULI 62	,yf;fpak; 8 rpw;wpyf;fpa';fs;	25	75	100
34.	ULI 63	,yf;fzk; 8 bjhy;fhg;gpak; ? bghUsjpfhuk; ? gFjp 2	25	75	100
		ELECTIVE			
35.	UELI 64	rpj;jhpay; (tpUg;gg;ghlk; 2)	25	75	100
36.	UELI 65	bkhHp E}y; (tpUg;gg;ghlk; 3)	25	75	100
		SKILL BASED SUBJECT			
37.	USLI 66	,jHpay; (jpwd; mog;gilapyhd tpUg;gg;ghlk; 4)	15	60	75
38.	UEA 60	tphpthf;fr; bray;ghLfs;	50	-	50

NOTE :

Candidates should select other than their Major Subject as Non-Major

B.SC. BIOCHEMISTRY

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	UES 10	Environmental Studies	10	40	50
2.	UBC 11	Cell Biology	25	75	100
3.	UACH 15C	Chemistry I (Allied)	15	60	75
		I YEAR (II SEMESTER)			
4.	UGA 20	Value Education	10	40	50
5.	USS 20	Soft Skill	10	40	50
6.	UBC 21	Bio-Molecules	25	75	100
7.	UACH 25C	Chemistry II (Allied)	15	60	75
		PRACTICAL			
8.	**UPBC 22**	**Practical I – (1) Experiment Involving Titrimetric Procedures (2) Qualitative Analysis**	**40**	**60**	**100**
9.	**UPCH 25C**	**Practical – Chemistry I & II (Allied)**	**10**	**40**	**50**
		II YEAR (III SEMESTER)			
10.	UBC 31	Biophysical and Biochemical Techniques I	25	75	100
11.	UABC 32	Micro Biology I (Allied)	15	60	75
		SKILL BASED SUBJECT			
12.	USBC 33	Fundamentals of Computer (SBS I)	15	60	75
		NON MAJOR ELECTIVE			
13.	UNBC 34	Diagnostic Biochemistry I (NME I)	10	40	50
		II YEAR (IV SEMESTER)			
14.	UBC 41	Biophysical and Biochemical Techniques II	25	75	100
15.	UABC 42	Micro Biology II (Allied)	15	60	75
		SKILL BASED SUBJECT			
16.	USBC 43	Computer Applications (SBS II)	15	60	75
		NON MAJOR ELECTIVE			
17.	UNBC 44	Diagnostic Biochemistry II (NME II)	10	40	50
		PRACTICAL			
18.	**UPBC 45**	**Practical II – (1) Volumetric Analysis (2) Biochemical preparations (3) Preparation of Buffers (4) Colorimetric Estimation**	**40**	**60**	**100**
19.	**UPBC 46**	**Practical – Micro Biology I & II (Allied)**	**10**	**40**	**50**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		III YEAR (V SEMESTER)			
20.	UBC 51	Enzymes & Intermediary Metabolism	25	75	100
21.	UBC 52	Genetics and Molecular Biology	25	75	100
22.	UBC 53	Clinical Biochemistry	25	75	100
23.	UEBC 54	Medical Lab Technology I (Elective I)	25	75	100
		SKILL BASED SUBJECT			
24.	USBC 55	Bio Statistics I (SBS III)	15	60	75
		III YEAR (VI SEMESTER)			
25.	UBC 61	Human Physiology & Nutritional Biochemistry	25	75	100
26.	UBC 62	Bio Technology	25	75	100
27.	UEBC 63	Medical Lab Technology II (Elective II)	25	75	100
28.	UEBC 64	Immunology (Elective III)	25	75	100
		SKILL BASED SUBJECT			
29.	USBC 65	Bio Statistics II (SBS IV)	15	60	75
		PRACTICAL			
30.	**UPBC 66**	**Practical III – (1) Colorimetric Estimation (2) Electrophoretic Techniques (3) Experiments on Enzymes by Colorimetry (4) Chromatographic Separations**	**40**	**60**	**100**
31.	**UPBC 67**	**Practical – Medical Laboratory Technology (Elective)**	25	75	100
32.	UEA 60	Extension Activities	50	–	50

NOTE :

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B.SC. BIOTECHNOLOGY

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	UES 10	Environmental Studies	10	40	50
2.	UBT 11	Cell and Molecular Biology	25	75	100
3.	UABT 12	Biochemistry (Allied)	15	60	75
		I YEAR (II SEMESTER)			
4.	UGA 20	Value Education	10	40	50
5.	USS 20	Soft Skill	10	40	50
6.	UBT 21	Microbiology	25	75	100
7.	UABT 22	Biostatistics (Allied)	15	60	75
		PRACTICAL			
8.	**UPBT 23**	**Practical I – Cell and Molecular Biology and Microbiology**	**40**	**60**	**100**
9.	**UPBT 24**	**Practical – Biochemistry and Biostatistics (Allied)**	**10**	**40**	**50**
		II YEAR (III SEMESTER)			
10.	UBT 31	Immunology	25	75	100
11.	UABT 32	Basic Computer Applications (Allied II)	15	60	75
		SKILL BASED SUBJECT			
12.	USBT 33	Environment, Health and Management (SBS I)	15	60	75
		NON MAJOR ELECTIVE			
13.	UNBT 34	Nursery and Gardening (NME I)	10	40	50
		II YEAR (IV SEMESTER)			
14.	UBT 41	Molecular Genetics	25	75	100
15.	UABT 42	Bioinformatics (Allied II)	15	60	75
		SKILL BASED SUBJECT			
16.	USBT 43	Microbial Disease and Control (SBS II)	15	60	75
		NON MAJOR ELECTIVE			
17.	UNBT 44	Bio–processing (NME II)	10	40	50
		PRACTICAL			
18.	**UPBT 45**	**Practical II – Molecular Genetics and Immunology**	**40**	**60**	**100**
19.	**UPBT 46**	**Practical – Computer Applications and Bioinformatics (Allied)**	**10**	**40**	**50**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		III YEAR (V SEMESTER)			
20.	UBT 51	Biophysics	25	75	100
21.	UBT 52	Industrial Biotechnology	25	75	100
22.	UBT 53	Genetic Engineering	25	75	100
23.	UEBT 54	Biofertilizer Technology (Elective I)	25	75	100
		SKILL BASED SUBJECT			
24.	USBT 55	Fermentation Technology (SBS III)	15	60	75
		III YEAR (VI SEMESTER)			
25.	UBT 61	Environmental Biotechnology	25	75	100
26.	UBT 62	Plant and Animal Biotechnology	25	75	100
27.	UEBT 63	Herbal biotechnology (Elective II)	25	75	100
28.	UEBT 64	Vermiculture (Elective III)	25	75	100
		SKILL BASED SUBJECT			
29.	USBT 65	Food Processing Technology (SBS IV)	15	60	75
		PRACTICAL			
30.	**UPBT 66**	**Practical III – Industrial Biotechnology and Genetic Engineering**	**40**	**60**	**100**
31.	**UPBT 67**	**Practical IV – Environmental Biotechnology, Plant and Animal Biotechnology**	**40**	**60**	**100**
32.	UEA 60	Extension Activities	50	–	50

NOTE :

Candidates should select other than their Major Subject as Non-Major

B.SC. BOTANY

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	UES 10	Environmental Studies	10	40	50
2.	UBO 11	Phycology and Mycology	25	75	100
3.	UAZO 15C	Zoology I (Allied)	15	60	75
		I YEAR (II SEMESTER)			
4.	UGA 20	Value Education	10	40	50
5.	USS 20	Soft Skill	10	40	50
6.	UBO 21	Bacteriology, Virology, Lichenology, Bryophytes and Plant Diseases	25	75	100
7.	UAZO 25C	Zoology II (Allied)	15	60	75
		PRACTICAL			
8.	**UPBO 22**	**Practical I – Covering Papers I and II**	**40**	**60**	**100**
9.	**UPZO 25C**	**Practical – Zoology (Allied)**	**10**	**40**	**50**
		II YEAR (III SEMESTER)			
10.	UBO 31	Pteridophytes, Gymnosperms and Paleobotany	25	75	100
11.	UACH 15C	Chemistry I (Allied)	15	60	75
		SKILL BASED SUBJECT			
12.	USBO 32	Horticulture (SBS I)	15	60	75
		NON MAJOR ELECTIVE			
13.	UNBO 33	Medicinal Botany (NME I)	10	40	50
		II YEAR (IV SEMESTER)			
14.	UBO 41	Cytology and Plant Anatomy	25	75	100
15.	UACH 25C	Chemistry II (Allied)	15	60	75
		SKILL BASED SUBJECT			
16.	USBO 42	Mushroom Cultivation (SBS II)	15	60	75
		NON MAJOR ELECTIVE			
17.	UNBO 43	Horticulture (NME II)	10	40	50
		PRACTICAL			
18.	**UPBO 44**	**Practical II – Covering Papers III & IV**	**40**	**60**	**100**
19.	**UPCH 25C**	**Practical – Chemistry (Allied)**	**10**	**40**	**50**
		III YEAR (V SEMESTER)			
20.	UBO 51	Morphology and Embryology of Angiosperms	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
21.	UBO 52	Taxonomy of Angiosperms and Economic Botany	25	75	100
22.	UBO 53	Genetics, Plant Breeding, Evolution and Biostatistics	25	75	100
		ELECTIVE I (Choose any ONE A or B or C)			
23.	UEBO 54A	Tissue Culture	25	75	100
24.	UEBO 54B	Plant Pathology	25	75	100
25.	UEBO 54C	Biofertilizers	25	75	100
		SKILL BASED SUBJECT			
26.	USBO 55	Herbal Science (SBS III)	15	60	75
		III YEAR (VI SEMESTER)			
27.	UBO 61	Plant Physiology and Plant Bio-Chemistry	25	75	100
28.	UBO 62	Ecology and Phytogeography	25	75	100
29.	UBO 63	Biodiversity, Bioinformatics and Toxicology	25	75	100
		ELECTIVE II (Choose any ONE A or B or C)			
30.	UEBO 64A	Plant Biotechnology	25	75	100
31.	UEBO 64B	Seed Biology	25	75	100
32.	UEBO 64C	Ethnobotany	25	75	100
		ELECTIVE III (Choose any ONE A or B or C)			
33.	UEBO 65A	Microbiology	25	75	100
34.	UEBO 65B	Biostatistics and Computer Application in Botany	25	75	100
35.	UEBO 65C	Herbal Home Remedies and Water Management	25	75	100
		SKILL BASED SUBJECT			
36.	USBO 66	Micro Technique (SBS IV)	15	60	75
		PRACTICAL			
37.	**UPBO 67**	**Practical III – Covering Papers V, VI & VII**	**40**	**60**	**100**
38.	**UPBO 68**	**Practical IV – Covering Papers VIII, IX & X**	**40**	**60**	**100**
39.	UEA 60	Extension Activities	50	–	50

NOTE :

Candidates should select other than their Major Subject as Non-Major

B.SC. CHEMISTRY

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	UES 10	Environmental Studies	10	40	50
2.	UCHR 11	General Chemistry I	25	75	100
		ALLIED (Choose any 1 out of 5)			
3.	UAPH 15C	Physics I	15	60	75
4.	UABO 15C	Botany I	15	60	75
5.	UAZO 15C	Zoology I	15	60	75
6.	UABC 15C	Biochemistry I	15	60	75
7.	UAMA 15C	Mathematics I	25	75	100
		I YEAR (II SEMESTER)			
8.	UGA 20	Value Education	10	40	50
9.	USS 20	Soft Skill	10	40	50
10.	UCHR 21	General Chemistry II	25	75	100
		ALLIED (Choose any 1 out of 5)			
11.	UAPH 25C	Physics II	15	60	75
12.	UABO 25C	Botany II	15	60	75
13.	UAZO 25C	Zoology II	15	60	75
14.	UABC 25C	Biochemistry II	15	60	75
15.	UAMA 25C	Mathematics II	25	75	100
		PRACTICAL			
16.	**UPCHR 22**	**Practical I – Volumetric Analysis**	**40**	**60**	**100**
17.	**UPPH 25C**	**Practical – Physics (Allied)**	**10**	**40**	**50**
18.	**UPBO 25C**	**Practical – Botany (Allied)**	**10**	**40**	**50**
19.	**UPZO 25C**	**Practical – Zoology (Allied)**	**10**	**40**	**50**
20.	**UPBC 25C**	**Practical – Biochemistry (Allied)**	**10**	**40**	**50**
		II YEAR (III SEMESTER)			
21.	UCHR 31	General Chemistry III	25	75	100
		ALLIED (Choose any 1 out of 5)			
22.	UAPH 15C	Physics I	15	60	75

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
23.	UABO 15C	Botany I	15	60	75
24.	UAZO 15C	Zoology I	15	60	75
25.	UABC 15C	Biochemistry I	15	60	75
26.	UAMA 15C	Mathematics I	25	75	100
		SKILL BASED SUBJECT			
27.	USCHR 32	Water Treatment and Analysis (SBS I)	15	60	75
		NON MAJOR ELECTIVE			
28.	UNCHR 33	Medicinal Chemistry (NME I)	10	40	50
		II YEAR (IV SEMESTER)			
29.	UCHR 41	General Chemistry IV	25	75	100
		ALLIED **(Choose any 1 out of 5)**			
30.	UAPH 25C	Physics II	15	60	75
31.	UABO 25C	Botany II	15	60	75
32.	UAZO 25C	Zoology II	15	60	75
33.	UABC 25C	Biochemistry II	15	60	75
34.	UAMA 25C	Mathematics II	25	75	100
		SKILL BASED SUBJECT			
35.	USCHR 42	Food Chemistry (SBS II)	15	60	75
		NON MAJOR ELECTIVE			
36.	UNCHR 43	Chemistry in Every Day Life (NME II)	10	40	50
		PRACTICAL			
37.	**UPCHR 44**	**Practical II – Inorganic Qualitative Analysis and Preparation**	**40**	**60**	**100**
38.	**UPPH 25C**	**Practical – Physics (Allied)**	**10**	**40**	**50**
39.	**UPBO 25C**	**Practical – Botany (Allied)**	**10**	**40**	**50**
40.	**UPZO 25C**	**Practical – Zoology (Allied)**	**10**	**40**	**50**
41.	**UPBC 25C**	**Practical – Biochemistry (Allied)**	**10**	**40**	**50**
		III YEAR (V SEMESTER)			
42.	UCHR 51	Inorganic Chemistry I	25	75	100
43.	UCHR 52	Organic Chemistry I	25	75	100
44.	UCHR 53	Physical Chemistry I	25	75	100
		ELECTIVE I **(Choose any ONE A or B or C)**			

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
45.	UECHR 54A	Spectroscopy I	25	75	100
46.	UECHR 54B	Basis of computer programming in C and its applications in chemistry	25	75	100
47.	UECHR 54C	Organic Synthesis	25	75	100
		SKILL BASED SUBJECT			
48.	USCHR 55	Data Analysis and separation Techniques (SBS III)	15	60	75
		III YEAR (VI SEMESTER)			
49.	UCHR 61	Inorganic Chemistry II	25	75	100
50.	UCHR 62	Organic Chemistry II	25	75	100
51.	UCHR 63	Physical Chemistry II	25	75	100
		ELECTIVE II (Choose any ONE A or B or C)			
52.	UECHR 64A	Pharmaceutical Chemistry	25	75	100
53.	UECHR 64B	Polymer Chemistry	25	75	100
54.	UECHR 64C	Green Chemistry	25	75	100
		ELECTIVE III (Choose any ONE A or B or C)			
55.	UECHR 65A	Spectroscopy II	25	75	100
56.	UECHR 65B	Applied Chemistry	25	75	100
57.	UECHR 65C	Nano Chemistry	25	75	100
		SKILL BASED SUBJECT			
58.	USCHR 66	Agriculture and Leather Chemistry (SBS IV)	15	60	75
		PRACTICAL			
59.	**UPCHR 67**	**Practical III – Gravimetric Estimation**	**40**	**60**	**100**
60.	**UPCHR 68**	**Practical IV – Organic Analysis & Preparations**	**40**	**60**	**100**
61.	**UPCHR 69**	**Practical V – Physical Chemistry Experiments**	**40**	**60**	**100**
62.	UEA 60	Extension Activities	50	–	50

NOTE :

Candidates should select other than their Major Subject as Non-Major

B.SC. COMPUTER SCIENCE

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	UES 10	Environmental Studies	10	40	50
2.	UCS 11	Digital Logic and Microprocessor	25	75	100
		ALLIED **(Choose any 1 out of 2)**			
3.	UAMA 15B	Mathematical Foundations I (Allied)	25	75	100
4.	UAMA 15C	Mathematics I (Allied)	25	75	100
		I YEAR (II SEMESTER)			
5.	UGA 20	Value Education	10	40	50
6.	USS 20	Soft Skill	10	40	50
7.	UCS 21	Programming in C	25	75	100
		ALLIED **(Choose any 1 out of 2)**			
8.	UAMA 25B	Mathematical Foundations II (Allied)	25	75	100
9.	UAMA 25C	Mathematics II (Allied)	25	75	100
		PRACTICAL			
10.	**UPCS 23**	**Practical I – PC Software Lab**	**40**	**60**	**100**
11.	**UPCS 24**	**Practical II – Programming in C Lab**	**40**	**60**	**100**
		II YEAR (III SEMESTER)			
12.	UCS 31	Programming in C++	25	75	100
		ALLIED **(Choose any 1 out of 2)**			
13.	UAPH 15C	Physics I (Allied)	15	60	75
14.	UACS 32	Statistical Methods and their Applications I (Allied)	15	60	75
		SKILL BASED SUBJECT			
15.	USCS 33	Data Structure (SBS I)	15	60	75
		NON MAJOR ELECTIVE			
16.	UNCS 34	Introduction to Information Technology (NME I)	10	40	50
		PRACTICAL			
17.	**UPCS 35**	**Practical III – C++ and Data Structure Lab**	**40**	**60**	**100**
		II YEAR (IV SEMESTER)			
18.	UCS 41	Java Programming	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		ALLIED **(Choose any 1 out of 2)**			
19.	UAPH 25C	Physics II (Allied)	15	60	75
20.	UACS 42	Statistical Methods and their Applications II (Allied)	15	60	75
		SKILL BASED SUBJECT			
21.	USCS 43	Problem Solving Strategies (SBS II)	15	60	75
		NON MAJOR ELECTIVE			
22.	UNCS 44	Internet and its Applications (NME II)	10	40	50
		PRACTICAL			
23.	**UPCS 45**	**Practical IV – Java Programming Lab**	**40**	**60**	**100**
24.	**UPPH 25C**	**Practical – Physics (Allied)**	**10**	**40**	**50**
25.	**UPCS 46**	**Practical – Statistical Methods and their Applications I & II (Allied)**	**10**	**40**	**50**
		III YEAR (V SEMESTER)			
26.	UCS 51	Database Management System	25	75	100
27.	UCS 52	Operating System	25	75	100
		ELECTIVE I **(Choose any ONE A or B or C)**			
28.	UECS 53A	Computer Graphics	25	75	100
29.	UECS 53B	Data Mining	25	75	100
30.	UECS 53C	Digital Image Processing	25	75	100
		SKILL BASED SUBJECT			
31.	USCS 54	Visual Programming (SBS III)	15	60	75
		PRACTICAL			
32.	**UPCS 55**	**Practical V – RDBMS (Oracle Lab)**	**40**	**60**	**100**
33.	**UPCS 56**	**Practical VI – VB Lab**	**40**	**60**	**100**
		III YEAR (VI SEMESTER)			
34.	UCS 61	Open Source Software	25	75	100
35.	UCS 62	Multimedia	25	75	100
		ELECTIVE II **(Choose any ONE A or B or C)**			
36.	UECS 63A	Network Security and Cryptography	25	75	100
37.	UECS 63B	Artificial Intelligence	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
38.	UECS 63C	Data Communication and Network	25	75	100
		ELECTIVE III (Choose any ONE A or B or C)			
39.	UECS 64A	Software Engineering	25	75	100
40.	UECS 64B	Design of Algorithms	25	75	100
41.	UECS 64C	Internet and Its Applications	25	75	100
		SKILL BASED SUBJECT			
42.	USCS 65	Mobile Computing (SBS IV)	15	60	75
		PRACTICAL			
43.	**UPCS 66**	**Practical VII – Open Source Software Lab**	**40**	**60**	**100**
44.	**UPCS 67**	**Practical VIII – Multimedia Lab**	**40**	**60**	**100**
45.	UEA 60	Extension Activities	50	–	50

NOTE :

Candidates should select other than their Major Subject as Non-Major

B.SC. ELECTRONICS SCIENCE

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	UES 10	Environmental Studies	10	40	50
2.	UEL 11	Fundamentals of Electricity and Electronics	25	75	100
3.	UAEL 12	Basic Mathematics I (Allied)	25	75	100
		I YEAR (II SEMESTER)			
4.	UGA 20	Value Education	10	40	50
5.	USS 20	Soft Skill	10	40	50
6.	UEL 21	Electromagnetism and AC Circuits	25	75	100
7.	UAEL 22	Basic Mathematics II (Allied)	25	75	100
		PRACTICAL			
8.	**UPEL 23**	**Practical I**	**40**	**60**	**100**
		II YEAR (III SEMESTER)			
9.	UEL 31	Physics of Materials	25	75	100
10.	UEL 32	Analog Electronics	25	75	100
11.	UEL 33	Programming in C	25	75	100
12.	UAEL 34	Basic Physics I (Allied)	25	75	100
		SKILL BASED SUBJECT			
13.	USEL 35	Principles and Utilization of Electronic Domestic Appliances (SBS I)	15	60	75
		NON MAJOR ELECTIVE			
14.	UNEL 36	Basic Electronics (NME I)	10	40	50
		II YEAR (IV SEMESTER)			
15.	UEL 41	Semiconductor Devices and IC Fabrication Technology	25	75	100
16.	UEL 42	Electronic Communication Systems	25	75	100
17.	UEL 43	Digital Electronics	25	75	100
18.	UAEL 44	Basic Physics II (Allied)	25	75	100
		SKILL BASED SUBJECT			
19.	USEL 45	Trouble shooting and Maintenance of Audio and video equipments (SBS II)	15	60	75
		NON MAJOR ELECTIVE			
20.	UNEL 46	Fundamentals of Electronic Communication (NME II)	10	40	50

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		PRACTICAL			
21.	**UPEL 47**	**Practical II – (a) Computer Programming (b) Electronics Experiments**	**40**	**60**	**100**
		III YEAR (V SEMESTER)			
22.	UEL 51	Microprocessor and its Applications	25	75	100
23.	UEL 52	Cellular Mobile Communication	25	75	100
24.	UEL 53	Electrical and Electronic Instrumentation	25	75	100
		ELECTIVE I **(Choose any ONE A or B or C)**			
25.	UEEL 54A	Medical Electronics	25	75	100
26.	UEEL 54B	Industrial Electronics	25	75	100
27.	UEEL 54C	PCB Design and Fabrication	25	75	100
		SKILL BASED SUBJECT			
28.	USEL 55	Data Processing and Personal Computers (SBS III)	15	60	75
		III YEAR (VI SEMESTER)			
29.	UEL 61	Television and Video Engineering	25	75	100
		ELECTIVE II **(Choose any ONE A or B or C)**			
30.	UEEL 62A	Power Electronics	25	75	100
31.	UEEL 62B	Digital System Design	25	75	100
32.	UEEL 62C	Robotics and Automation	25	75	100
		ELECTIVE III **(Choose any ONE A or B or C)**			
33.	UEEL 63A	Microcontroller 8051 and its Applications	25	75	100
34.	UEEL 63B	Computer Networks	25	75	100
35.	UEEL 63C	Programmable Logic Control	25	75	100
		SKILL BASED SUBJECT			
36.	USEL 64	Cellular Phones : Principles and Practice (SBS IV)	15	60	75
		PRACTICAL			
37.	**UPEL 65**	**Practical III**	**40**	**60**	**100**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
38.	**UPEL 66**	**Practical IV**	**40**	**60**	**100**
39.	**UEL 67**	**Industrial Training (Internal)**	**100**	**-**	**100**
40.	UEA 60	Extension Activities	50	–	50

NOTE :

Candidates should select other than their Major Subject as Non-Major

B.SC. ENVIRONMENTAL MANAGEMENT

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	UES 10	Environmental Studies	10	40	50
2.	UEM 11	Fundamentals of Earth Science	25	75	100
3.	UAEM 12	Environmental Zoology (Allied)	15	60	75
		I YEAR (II SEMESTER)			
4.	UGA 20	Value Education	10	40	50
5.	USS 20	Soft Skill	10	40	50
6.	UEM 21	Environmental Ecology	25	75	100
7.	UAEM 22	Environmental Botany (Allied)	15	60	75
		PRACTICAL			
8.	**UPEM 23**	**Practical I – Earth Science and Environmental Ecology**	**40**	**60**	**100**
9.	**UPEM 24**	**Practical – Environmental Zoology & Environmental Botany (Allied)**	**10**	**40**	**50**
		II YEAR (III SEMESTER)			
10.	UEM 31	Environmental Chemistry	25	75	100
11.	UEM 32	Environmental Geography	25	75	100
12.	UEM 33	Computer Applications and Bio-Statistics in Environmental Science	25	75	100
13.	UAEM 34	Environmental Economics (Allied)	25	75	100
		SKILL BASED SUBJECT			
14.	USEM 35	Aquaculture (SBS I)	15	60	75
		NON MAJOR ELECTIVE			
15.	UNEM 36	Global Warming and Climate Change (NME I)	10	40	50
		II YEAR (IV SEMESTER)			
16.	UEM 41	Environmental Toxicology	25	75	100
17.	UEM 42	Environmental Microbiology	25	75	100
18.	UEM 43	Natural Resources and Management	25	75	100
19.	UAEM 44	Environmental Eco-tourism (Allied)	25	75	100
		SKILL BASED SUBJECT			
20.	USEM 45	Solid waste Management and Sewage Treatment Practices (SBS II)	15	60	75
		NON MAJOR ELECTIVE			

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
21.	UNEM 46	Environmental Safety, Health and Management (NME II)	10	40	50
		PRACTICAL			
22.	**UPEM 47**	**Practical II – Environmental Chemistry and Computer Science**	**40**	**60**	**100**
23.	**UPEM 48**	**Practical III – Environmental Toxicology and Microbiology**	**40**	**60**	**100**
		III YEAR (V SEMESTER)			
24.	UEM 51	Methodology in Environmental Analysis	25	75	100
25.	UEM 52	Environmental Pollution and Management	25	75	100
26.	UEM 53	Principles of Management	25	75	100
27.	UEEM 54	Environmental Impact Assessment (Elective I)	25	75	100
		SKILL BASED SUBJECT			
28.	USEM 55	Forest conservation and Management (SBS III)	15	60	75
		III YEAR (VI SEMESTER)			
29.	UEM 61	Conservation Biology and Management	25	75	100
30.	UEM 62	Disaster Management	25	75	100
31.	UEM 63	Environmental Safety, Health and Management	25	75	100
		SKILL BASED SUBJECT			
32.	USEM 64	Environmental Energy Audit (SBS IV)	15	60	75
		PRACTICAL			
33.	**UPEM 65**	**Practical IV – Methodology in Environmental Analysis and Management**	**40**	**60**	**100**
34.	**UPEM 66**	**Project**	**50**	**150**	**200**
35.	UEA 60	Extension Activities	50	–	50

NOTE :

Candidates should select other than their Major Subject as Non-Major

B.SC. GEOLOGY

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	UES 10	Environmental Studies	10	40	50
2.	UGE 11	Physical and Dynamic Geology	25	75	100
3.	UACH 15C	Chemistry I (Allied)	15	60	75
		I YEAR (II SEMESTER)			
4.	UGA 20	Value Education	10	40	50
5.	USS 20	Soft Skill	10	40	50
6.	UGE 21	Paleontology	25	75	100
7.	UACH 25C	Chemistry II (Allied)	15	60	75
		PRACTICAL			
8.	**UPGE 22**	**Practical I – Palaeontology**	**40**	**60**	**100**
9.	**UPCH 25C**	**Practical – Chemistry (Allied)**	**10**	**40**	**50**
		II YEAR (III SEMESTER)			
10.	UGE 31	Structural Geology	25	75	100
11.	UAPH 15C	Physics I (Allied)	15	60	75
		SKILL BASED SUBJECT			
12.	USGE 33	Hydrogeology (SBS I)	15	60	75
		NON MAJOR ELECTIVE			
13.	UNGE 34	Natural Disaster Management (NME I)	10	40	50
		II YEAR (IV SEMESTER)			
14.	UGE 41	Geomorphology	25	75	100
15.	UAPH 25C	Physics II (Allied)	15	60	75
		SKILL BASED SUBJECT			
16.	USGE 43	Field Geology (SBS II)	15	60	75
		NON MAJOR ELECTIVE			
17.	UNGE 44	Environmental Geology (NME II)	10	40	50
		PRACTICAL			
18.	**UPGE 45**	**Practical II – Structural Geology**	**40**	**60**	**100**
19.	**UPPH 25C**	**Practical – Physics (Allied)**	**10**	**40**	**50**
		III YEAR (V SEMESTER)			
20.	UGE 51	Stratigraphy	25	75	100
21.	UGE 52	Crystallography	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
22.	UGE 53	Mineralogy	25	75	100
23.	UEGE 54	Engineering and Mining Geology (Elective I)	25	75	100
		SKILL BASED SUBJECT			
24.	USGE 55	Photogeology and Fundamentals of Remotesensing (SBS III)	15	60	75
		III YEAR (VI SEMESTER)			
25.	UGE 61	Igneous Petrology	25	75	100
26.	UGE 62	Sedimentary Petrology	25	75	100
27.	UGE 63	Economic Geology	25	75	100
28.	UEGE 64	Geographical Information System (Elective II)	25	75	100
29.	UEGE 65	Environmental and Marine Geology (Elective III)	25	75	100
		SKILL BASED SUBJECT			
30.	USGE 66	Mineral Exploration (SBS IV)	15	60	75
		PRACTICAL			
31.	**UPGE 67**	**Practical III – Crystallography and Mineralogy**	**40**	**60**	**100**
32.	**UPGE 68**	**Practical IV – Petrology and Economic Geology**	**40**	**60**	**100**
33.	UEA 60	Extension Activities	50	–	50

NOTE :

Candidates should select other than their Major Subject as Non-Major

B.SC. INDUSTRIAL CHEMISTRY

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	UES 10	Environmental Studies	10	40	50
2.	UIC 11	General Chemistry I	25	75	100
3.	UAIC 12	Industrial Chemistry I (Allied)	15	60	75
		I YEAR (II SEMESTER)			
4.	UGA 20	Value Education	10	40	50
5.	USS 20	Soft Skill	10	40	50
6.	UIC 21	General Chemistry II	25	75	100
7.	UAIC 22	Industrial Chemistry II (Allied)	15	60	75
		PRACTICAL			
8.	**UPIC 23**	**Practical I – Volumetric Analysis**	**40**	**60**	**100**
9.	**UPIC 24**	**Practical – Industrial Chemistry (Allied)**	**10**	**40**	**50**
		II YEAR (III SEMESTER)			
10.	UIC 31	General Chemistry III	25	75	100
11.	UAIC 32	Industrial Chemistry III (Allied)	15	60	75
		SKILL BASED SUBJECT			
12.	USIC 33	Water Treatment and Analysis (SBS II)	15	60	75
		NON MAJOR ELECTIVE			
13.	UNIC 34	Medicinal Chemistry (NME I)	10	40	50
		II YEAR (IV SEMESTER)			
14.	UIC 41	General Chemistry IV	25	75	100
15.	UAIC 42	Industrial Chemistry IV (Allied)	15	60	75
		SKILL BASED SUBJECT			
16.	USIC 43	Food Chemistry (SBS II)	15	60	75
		NON MAJOR ELECTIVE			
17.	UNIC 44	Chemistry in Every Day Life (NME II)	10	40	50
		PRACTICAL			
18.	**UPIC 45**	**Practical II – Inorganic Qualitative Analysis and Preparation**	**40**	**60**	**100**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
19.	**UPIC 46**	**Practical – Industrial Chemistry (Allied)**	**10**	**40**	**50**
		III YEAR (V SEMESTER)			
20.	UIC 51	Inorganic Chemistry I	25	75	100
21.	UIC 52	Organic Chemistry I	25	75	100
22.	UIC 53	Physical Chemistry I	25	75	100
		ELECTIVE I **(Choose any ONE A or B or C)**			
23.	UEIC 54A	Spectroscopy I	25	75	100
24.	UEIC 54B	Basics of Computer Programming in C and its Applications in Chemistry	25	75	100
25.	UEIC 54C	Organic Synthesis	25	75	100
		SKILL BASED SUBJECT			
26.	USIC 55	Data Analysis and Separation Techniques (SBS III)	15	60	75
		III YEAR (VI SEMESTER)			
27.	UIC 61	Inorganic Chemistry II	25	75	100
28.	UIC 62	Organic Chemistry II	25	75	100
29.	UIC 63	Physical Chemistry II	25	75	100
		ELECTIVE II **(Choose any ONE A or B or C)**			
30.	UEIC 64A	Pharmaceutical Chemistry	25	75	100
31.	UEIC 64B	Polymer Chemistry	25	75	100
32.	UEIC 64C	Green Chemistry	25	75	100
		ELECTIVE III **(Choose any ONE A or B or C)**			
33.	UEIC 65A	Spectroscopy II	25	75	100
34.	UEIC 65B	Applied Chemistry	25	75	100
35.	UEIC 65C	Nanochemistry	25	75	100
		SKILL BASED SUBJECT			
36.	USIC 66	Agriculture and Leather Chemistry (SBS IV)	15	60	75
		PRACTICAL			
37.	**UPIC 67**	**Practical III – Gravimetric Estimation**	**40**	**60**	**100**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
38.	**UPIC 68**	**Practical IV – Organic Qualitative Analysis and Preparations**	**40**	**60**	**100**
39.	**UPIC 69**	**Practical V – Physical Chemistry Experiments**	**10**	**40**	**50**
40.	**UPIC 70**	**Practical VI – Industrial Chemistry Practical**	**10**	**40**	**50**
41.	UEA 60	Extension Activities	50	–	50

NOTE :

Candidates should select other than their Major Subject as Non-Major

B.SC. INFORMATION SYSTEM MANAGEMENT

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	UES 10	Environmental Studies	10	40	50
2.	UIM 11	Computer Systems and Elements of Programming	25	75	100
		ALLIED (Choose any 1 out of 2)			
3.	UAIM 12A	Mathematical Foundations (Allied)	15	60	75
4.	UAIM 12B	Financial Accounting I (Allied)	15	60	75
		I YEAR (II SEMESTER)			
5.	UGA 20	Value Education	10	40	50
6.	USS 20	Soft Skill	10	40	50
7.	UIM 21	Computer Architecture and Organization	25	75	100
		ALLIED (Choose any 1 out of 2)			
8.	UAIM 22A	Statistics	15	60	75
9.	UAIM 22B	Financial Accounting II	15	60	75
		PRACTICAL			
10.	**UPIM 23**	**Practical I – DTP Lab**	25	75	100
11.	**UPIM 24A**	**Practical – Mathematical Foundation and Statistics (Allied)**	**10**	**40**	**50**
12.	**UPIM 24B**	**Practical – Tally Practical (Allied)**	**10**	**40**	**50**
		II YEAR (III SEMESTER)			
13.	UIM 31	Programming in C	25	75	100
		ALLIED (Choose any 1 out of 2)			
14.	UAIM 32A	Visual Programming (Allied)	15	60	75
15.	UAIM 32B	Business Communication (Allied)	15	60	75
		SKILL BASED SUBJECT			
16.	USIM 33	Transaction Processing System (SBS I)	15	60	75
		NON MAJOR ELECTIVE			
17.	UNIM 34	Concepts of Internet (NME I)	10	40	50
		II YEAR (IV SEMESTER)			
18.	UIM 41	Object Oriented Programming with C++	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		ALLIED (Choose any 1 out of 2)			
19.	UAIM 42A	Operations Research (Allied)	15	60	75
20.	UAIM 42B	Cost and Management Accounting (Allied)	15	60	75
		SKILL BASED SUBJECT			
21.	USIM 43	Data Warehousing and Mining (SBS II)	15	60	75
		NON MAJOR ELECTIVE			
22.	UNIM 44	Information System Management for Sustainable Development (NME II)	10	40	50
		PRACTICAL			
23.	**UPIM 45**	**Practical II – Programming Lab in C and C++**	**25**	**75**	**100**
24.	**UPIM 46A**	**Practical – Visual Programming & Operations Research Practical (Allied)**	**10**	**40**	**50**
25.	**UPIM 46B**	**Practical – Business Communication and Cost and Management Accounting Practical (Allied)**	**10**	**40**	**50**
		III YEAR (V SEMESTER)			
26.	UIM 51	Principles of Management	25	75	100
27.	UIM 52	Data Base Management System	25	75	100
28.	UIM 53	Java Programming	25	75	100
		ELECTIVE I (Choose any ONE A or B or C)			
29.	UEIM 54A	E–Governance & E–Commerce	25	75	100
30.	UEIM 54B	Bioinformatics	25	75	100
31.	UEIM 54C	Marketing Management	25	75	100
		SKILL BASED SUBJECT			
32.	USIM 55	Entrepreneurial Development (SBS III)	15	60	75
		III YEAR (VI SEMESTER)			
33.	UIM 61	Computer Graphics and Web Designing	25	75	100
34.	UIM 62	Software Engineering	25	75	100
35.	UIM 63	Multimedia	25	75	100
		ELECTIVE II (Choose any ONE A or B or C)			
36.	UEIM 64A	Management Information Systems	25	75	100
37.	UEIM 64B	Fundamentals of Biological Sciences	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
38.	UEIM 64C	Operating Systems	25	75	100
		ELECTIVE III (Choose any ONE A or B)			
39.	UEIM 65A	Human Resource Management	25	75	100
40.	UEIM 65B	Geo–Informatics	25	75	100
		SKILL BASED SUBJECT			
41.	USIM 66	Business Ethics (SBS IV)	15	60	75
		PRACTICAL			
42.	**UPIM 66**	**Practical III – Java Lab**	25	75	100
43.	**UPIM 67**	**Practical IV – Computer Graphics and Web Designing Lab**	25	75	100
44.	UEA 60	Extension Activities	50	–	50

NOTE :

Candidates should select other than their Major Subject as Non-Major

B.SC. INTERIOR DESIGN AND DECOR

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	UES 10	Environmental Studies	10	40	50
2.	UID 11	Principles of Interior Design	25	75	100
3.	UAID 12	Interior Design Studio and Building System Technology I (Allied)	15	60	75
		I YEAR (II SEMESTER)			
4.	UGA 20	Value Education	10	40	50
5.	USS 20	Soft Skill	10	40	50
6.	UID 21	Colour and Lighting	25	75	100
7.	UAID 22	Interior Design Studio and Building System Technology II (Allied)	15	60	75
		PRACTICAL			
8.	**UPID 23**	**Practical I – Design Concept Practicals**	**40**	**60**	**100**
9.	**UPID 24**	**Practical – Interior Design Studio Practicals (Allied)**	**10**	**40**	**50**
		II YEAR (III SEMESTER)			
10.	UID 31	Basic Computer Application and Auto CAD I	25	75	100
11.	UAID 32	Applied Arts on Textiles I (Allied)	15	60	75
		SKILL BASED SUBJECT			
12.	USID 33	Draftsmanship I (SBS I)	15	60	75
		NON MAJOR ELECTIVE			
13.	UNID 34	Basics of Interior Design I (NME I)	10	40	50
		II YEAR (IV SEMESTER)			
14.	UID 41	Basic Computer Application and Auto CAD II	25	75	100
15.	UAID 42	Applied Arts on Textiles II (Allied)	15	60	75
		SKILL BASED SUBJECT			
16.	USID 43	Draftsmanship II (SBS II)	15	60	75
		NON MAJOR ELECTIVE			
17.	UNID 44	Basics of Interior Design II (NME II)	10	40	50
		PRACTICAL			
18.	**UPID 45**	**Practical II – Auto CAD Practicals**	**40**	**60**	**100**
19.	**UPID 46**	**Practical – Applied Arts Practicals (Allied)**	**10**	**40**	**50**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		III YEAR (V SEMESTER)			
20.	UID 51	Furniture in Interiors	25	75	100
21.	UID 52	Floriculture and Landscaping	25	75	100
22.	UID 53	Planning the life space	25	75	100
		ELECTIVE I (Choose any ONE A or B or C)			
23.	UEID 54A	Consumer and Merchandising	25	75	100
24.	UEID 54B	Kitchen Design	25	75	100
25.	UEID 54C	House Keeping and Front Office Management	25	75	100
		SKILL BASED SUBJECT			
26.	USID 55	Residential space designing (SBS III)	15	60	75
		III YEAR (VI SEMESTER)			
27.	UID 61	Soft Furnishings	25	75	100
28.	UID 62	Applied Arts	25	75	100
		ELECTIVE II (Choose any ONE A or B or C)			
29.	UEID 63A	Professional Practice	25	75	100
30.	UEID 63B	Environmental Control in Interiors	25	75	100
31.	UEID 63C	Fine–Arts Drawing and Painting	25	75	100
		ELECTIVE III (Choose any ONE A or B or C)			
32.	UEID 64A	Ergonomics	25	75	100
33.	UEID 64B	Green Building Technology	25	75	100
34.	UEID 64C	Entrepreneurial Development	25	75	100
		SKILL BASED SUBJECT			
35.	USID 65	Commercial space designing (SBS IV)	15	60	75
		PRACTICAL			
36.	**UPID 66**	**Practical III – Furniture and Furnishing Practicals**	**40**	**60**	**100**
37.	**UPID 67**	**Practical IV – Floriculture and Landscaping Practicals**	**40**	**60**	**100**
38.	UEA 60	Extension Activities	50	–	50

NOTE :

Candidates should select other than their Major Subject as Non-Major

B.SC. MATHEMATICS

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	UES 10	Environmental Studies	10	40	50
2.	UMA 11	Algebra	25	75	100
3.	UMA 12	Trigonometry	25	75	100
		ALLIED (Choose any 1 out of 4)			
4.	UAMA 13A	Numerical Methods I	25	75	100
5.	UAMA 13B	Mathematical Statistics I	15	60	75
6.	UAPH 15C	Physics I	15	60	75
7.	UACH 15C	Chemistry I	15	60	75
8.	UAMA 14	Introduction to Computers (v)	15	60	75
		I YEAR (II SEMESTER)			
9.	UGA 20	Value Education	10	40	50
10.	USS 20	Soft Skill	10	40	50
11.	UMA 21	Calculus	25	75	100
12.	UMA 22	Analytical Geometry	25	75	100
		ALLIED (Choose any 1 out of 4)			
13.	UAMA 23A	Numerical Methods II	25	75	100
14.	UAMA 23B	Mathematical Statistics II	15	60	75
15.	UAPH 25C	Physics II	15	60	75
16.	UACH 25C	Chemistry II	15	60	75
17.	UAMA 26	Office Automation (v)	15	60	75
		PRACTICAL			
18.	**UPPH 25C**	**Practical – Physics (Allied)**	**10**	**40**	**50**
19.	**UPCH 25C**	**Practical – Chemistry (Allied)**	**10**	**40**	**50**
20.	**UPMA 24**	**Practical – Mathematical Statistics I & II (Allied)**	**10**	**40**	**50**
21.	**UPMA 27**	**Practical – Office Automation (v) (Allied)**	**10**	**40**	**50**
		II YEAR (III SEMESTER)			
22.	UMA 31	Differential Equations	25	75	100
		ALLIED (Choose any 1 out of 4)			

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
23.	UAMA 13A	Numerical Methods I	25	75	100
24.	UAMA 13B	Mathematical Statistics I	15	60	75
25.	UAPH 15C	Physics I	15	60	75
26.	UACH 15C	Chemistry I	15	60	75
27.	UAMA 32	Data Base Management (v)	15	60	75
		SKILL BASED SUBJECT			
28.	USMA 33	Mathematics for Competitive Examinations (SBS I)	15	60	75
		NON MAJOR ELECTIVE			
29.	UNMA 34	Basic Mathematics (NME I)	10	40	50
		II YEAR (IV SEMESTER)			
30.	UMA 41	Vector Analysis and Fourier Analysis	25	75	100
		ALLIED **(Choose any 1 out of 4)**			
31.	UAMA 23A	Numerical Methods II	25	75	100
32.	UAMA 23B	Mathematical Statistics II	15	60	75
33.	UAPH 25C	Physics II	15	60	75
34.	UACH 25C	Chemistry II	15	60	75
35.	UAMA 42	Visual Programming (v)	15	60	75
		SKILL BASED SUBJECT			
36.	USMA 43	Linear Programming (SBS II)	15	60	75
		NON MAJOR ELECTIVE			
37.	UNMA 44	Foundation Mathematics for Competitive Examination (NME II)	10	40	50
		PRACTICAL			
38.	**UPPH 25C**	**Practical – Physics (Allied)**	**10**	**40**	**50**
39.	**UPCH 25C**	**Practical – Chemistry (Allied)**	**10**	**40**	**50**
40.	**UPMA 24**	**Practical II – Mathematical Statistics I & II (Allied)**	**10**	**40**	**50**
41.	**UPMA 45**	**Practical – RDBMS (Access with VB) (v) (Allied)**	**10**	**40**	**50**
		III YEAR (V SEMESTER)			
42.	UMA 51	Abstract Algebra	25	75	100
43.	UMA 52	Real Analysis I	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
44.	UMA 53	Complex Analysis I	25	75	100
45.	UMA 54	Statics	25	75	100
46.	UMA 55	Dynamics	25	75	100
		ELECTIVE I (Choose any ONE A or B)			
47.	UEMA 56A	Graph Theory (Elective I)	25	75	100
48.	UEMA 56B	Astronomy (Elective I)	25	75	100
49.	UEMA 56C	Multimedia (v) (Elective I)	25	75	100
		SKILL BASED SUBJECT			
50.	USMA 57	Quantitative Techniques (SBS III)	15	60	75
		III YEAR (VI SEMESTER)			
51.	UMA 61	Linear Algebra	25	75	100
52.	UMA 62	Real Analysis II	25	75	100
53.	UMA 63	Complex Analysis II	25	75	100
54.	UMA 64	Programming in C Language	15	60	75
		ELECTIVE II (Choose any ONE A or B)			
55.	UEMA 65A	Operations Research	25	75	100
56.	UEMA 65B*	Calculus of Finite Differences & Numerical Methods	25	75	100
57.	UEMA 65C	Web Design with HTML (v) (Elective II)	15	60	75
		ELECTIVE III (Choose any ONE A or B)			
58.	UEMA 66A	Special Functions	25	75	100
59.	UEMA 66B	Fuzzy Mathematics	25	75	100
		SKILL BASED SUBJECT			
60.	USMA 67	Fundamentals of Applied Mathematics (SBS IV)	15	60	75
		PRACTICAL			
61.	**UPMA 68**	**Practical – C Language**	**10**	**15**	**25**
62.	**UPMA 69**	**Practical – Web Design (HTML) (v)**	**10**	**15**	**25**
63.	UEA 60	Extension Activities	50	–	50

NOTE :

Candidates should select other than their Major Subject as Non-Major

*** To be chosen only by those students who have not taken numerical methods as allied subject.**

B.SC. MICROBIOLOGY

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	UES 10	Environmental Studies	10	40	50
2.	UMB 11	Fundamentals of Microbiology	25	75	100
3.	UABC 15C	Biochemistry I (Allied)	15	60	75
		I YEAR (II SEMESTER)			
4.	UGA 20	Value Education	10	40	50
5.	USS 20	Soft Skill	10	40	50
6.	UMB 21	Microbial Physiology	25	75	100
7.	UABC 25C	Biochemistry II (Allied)	15	60	75
		PRACTICAL			
8.	**UPMB 22**	**Practical I – Subjects Covering Core Papers I & II**	**40**	**60**	**100**
9.	**UPBC 25C**	**Practical – Biochemistry (Allied)**	**10**	**40**	**50**
		II YEAR (III SEMESTER)			
10.	UMB 31	Immunology	25	75	100
11.	UAMB 32	Economic Entomology (Allied)	15	60	75
		SKILL BASED SUBJECT			
12.	USMB 33	Haematology and Blood Banking (SBS I)	15	60	75
		NON MAJOR ELECTIVE			
13.	UNMB 34	Computer Applications in Biology (NME I)	10	40	50
		II YEAR (IV SEMESTER)			
14.	UMB 41	Microbial Genetics	25	75	100
15.	UAMB 42	Bio-Statistics (Allied)	15	60	75
		SKILL BASED SUBJECT			
16.	USMB 43	Vermitech (SBS II)	15	60	75
		NON MAJOR ELECTIVE			
17.	UNMB 44	Bioethics (NME II)	10	40	50
		PRACTICAL			
18.	**UPMB 45**	**Practical II – Subjects covering Core Papers III & IV**	**40**	**60**	**100**
19.	**UPMB 46**	**Practical – Economic Entomology and Bio-Statistics (Allied)**	**10**	**40**	**50**
		III YEAR (V SEMESTER)			

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
20.	UMB 51	Molecular Biology and Genetic Engineering	25	75	100
21.	UMB 52	Medical Bacteriology	25	75	100
22.	UMB 53	Medical Virology, Mycology and Parasitology	25	75	100
23.	UEMB 54	Human Microbial Diseases, causes and control (Elective I)	25	75	100
		SKILL BASED SUBJECT			
24.	USMB 55	Mushroom Culture Techniques (SBS III)	15	60	75
		III YEAR (VI SEMESTER)			
25.	UMB 61	Food Microbiology	25	75	100
26.	UMB 62	Soil, Agricultural and Environmental Microbiology	25	75	100
27.	UMB 63	Industrial and Pharmaceutical Microbiology	25	75	100
28.	UEMB 64	Bioinoculants Technology (Elective II)	25	75	100
29.	UEMB 65	Microbes in Human Welfare (Elective III)	25	75	100
		SKILL BASED SUBJECT			
30.	USMB 66	Bioinstrumentation (SBS IV)	15	60	75
		PRACTICAL			
31.	**UPMB 67**	**Practical III – Subject Covering Core Papers V, VI and VII**	**40**	**60**	**100**
32.	**UPMB 68**	**Practical IV – Subject Covering Core Papers VIII & IX**	**40**	**60**	**100**
33.	UEA 60	Extension Activities	50	–	50

NOTE :

Candidates should select other than their Major Subject as Non-Major

B.SC. NUTRITION, FOOD SERVICE MANAGEMENT AND DIETETICS

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	UES 10	Environmental Studies	10	40	50
2.	UNU 11	Microbiology	25	75	100
3.	UACH 15C	Chemistry I (Allied)	15	60	75
		I YEAR (II SEMESTER)			
4.	UGA 20	Value Education	10	40	50
5.	USS 20	Soft Skill	10	40	50
6.	UNU 21	Human Physiology	25	75	100
7.	UACH 25C	Chemistry II (Allied)	15	60	75
		PRACTICAL			
8.	**UPNU 22**	**Practical – (a) Microbiology, (b) Human Physiology**	**40**	**60**	**100**
9.	**UPCH 25C**	**Practical – Chemistry (Allied)**	**10**	**40**	**50**
		II YEAR (III SEMESTER)			
10.	UNU 31	Food Science	25	75	100
11.	UANU 32	Biochemistry (Allied)	15	60	75
		SKILL BASED SUBJECT			
12.	USNU 33	Bakery (SBS I)	15	60	75
		NON MAJOR ELECTIVE			
13.	UNNU 34	Health and Fitness (NME I)	10	40	50
		II YEAR (IV SEMESTER)			
14.	UNU 41	Human Nutrition	25	75	100
15.	UANU 42	Food Preservation (Allied)	15	60	75
		SKILL BASED SUBJECT			
16.	USNU 43	Development and Marketing Strategy (SBS II)	15	60	75
		NON MAJOR ELECTIVE			
17.	UNNU 44	Interior Design (NME II)	10	40	50
		PRACTICAL			
18.	**UPNU 45**	**Practical II – (a) Food Science (b) Human Nutrition**	**40**	**60**	**100**
19.	**UPNU 46**	**Practical – (a) Biochemistry (b) Food Preservation (Allied)**	**10**	**40**	**50**
		III YEAR (V SEMESTER)			

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
20.	UNU 51	Human Development	25	75	100
21.	UNU 52	Nutrition Through Life Cycle	25	75	100
22.	UNU 53	Community Nutrition	25	75	100
23.	UENU 54	Entrepreneurship Development (Elective I)	25	75	100
		SKILL BASED SUBJECT			
24.	USNU 55	Pre School Management (SBS III)	15	60	75
		III YEAR (VI SEMESTER)			
25.	UNU 61	Nutrition Policies and Nutrition Delivery Mechanisms	25	75	100
26.	UNU 62	Food Service Management	25	75	100
27.	UNU 63	Dietetics	25	75	100
28.	UENU 64	Food Quality Control (Elective II)	25	75	100
29.	UENU 65	Food Packaging (Elective III)	25	75	100
		SKILL BASED SUBJECT			
30.	USNU 66	Child Guidance and Counseling (SBS IV)	15	60	75
		PRACTICAL			
31.	**UPNU 67**	**Practical III – (A) Nutrition Through Life Cycle Community (b) Nutrition**	**40**	**60**	**100**
32.	**UPNU 68**	**Practical IV – (a) Food Service Management (b) Dietetics**	**40**	**60**	**100**
33.	UEA 60	Extension Activities	50	–	50

NOTE :

Candidates should select other than their Major Subject as Non-Major

B.SC. PHYSICS

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	UES 10	Environmental Studies	10	40	50
2.	UPH 11	Properties of Matter and Acoustics	25	75	100
		ALLIED **(Choose any 1 out of 2)**			
3.	UACH 15C	Chemistry I (Allied)	15	60	75
4.	UABC 15C	Biochemistry I (Allied)	15	60	75
		I YEAR (II SEMESTER)			
5.	UGA 20	Value Education	10	40	50
6.	USS 20	Soft Skill	10	40	50
7.	UPH 21	Thermal Physics and Statistical Methods	25	75	100
		ALLIED **(Choose any 1 out of 2)**			
8.	UACH 25C	Chemistry II (Allied)	15	60	75
9.	UABC 25C	Biochemistry II (Allied)	15	60	75
		PRACTICAL			
10.	**UPPH 22**	**Practical I**	**40**	**60**	**100**
11.	**UPCH 25C**	**Practical – Chemistry (Allied)**	**10**	**40**	**50**
12.	**UPBC 25C**	**Practical – Biochemistry (Allied)**	**10**	**40**	**50**
		II YEAR (III SEMESTER)			
13.	UPH 31	Electricity	25	75	100
14.	UAMA 15C	Mathematics I (Allied)	25	75	100
		SKILL BASED SUBJECT			
15.	USPH 32	Electrical Appliances (SBS I)	15	60	75
		NON MAJOR ELECTIVE			
16.	UNPH 33	Renewable Energy Sources (NME I)	10	40	50
		II YEAR (IV SEMESTER)			
17.	UPH 41	Mechanics	25	75	100
18.	UAMA 25C	Mathematics II (Allied)	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		SKILL BASED SUBJECT			
19.	USPH 42	Electronics Appliances (SBS II)	15	60	75
		NON MAJOR ELECTIVE			
20.	UNPH 43	Basic Physics (NME II)	10	40	50
		PRACTICAL			
21.	**UPPH 44**	**Practical II**	**40**	**60**	**100**
		III YEAR (V SEMESTER)			
22.	UPH 51	Optics	25	75	100
23.	UPH 52	Atomic Physics and Spectroscopy	25	75	100
24.	UPH 53	Basic Electronics	25	75	100
		ELECTIVE I **(Choose any ONE A or B or C)**			
25.	UEPH 54A	Digital Electronics (Elective I)	25	75	100
26.	UEPH 54B	Materials Science (Elective I)	25	75	100
27.	UEPH 54C	Fundamentals of Nano Materials and its Characterization (Elective I)	25	75	100
		SKILL BASED SUBJECT			
28.	USPH 55	Astro Physics (SBS III)	15	60	75
		III YEAR (VI SEMESTER)			
29.	UPH 61	Nuclear Physics and Radiation Physics	25	75	100
30.	UPH 62	Relativity, Quantum Mechanics and Mathematical Physics	25	75	100
31.	UPH 63	Solid State Physics	25	75	100
		ELECTIVE II			
32.	UEPH 64	Applied Electronics (Elective II)	25	75	100
		ELECTIVE III **(Choose any ONE A or B or C)**			
33.	UEPH 65A	Microprocessor and its Applications –8085	25	75	100
34.	UEPH 65B	Laser and Fibre Optic Communication	25	75	100
35.	UEPH 65C	Medical Physics	25	75	100
		SKILL BASED SUBJECT			

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
36.	USPH 66	Instrumentation Techniques (SBS IV)	15	60	75
		PRACTICAL			
37.	**UPPH 67**	**Practical III**	**40**	**60**	**100**
38.	**UPPH 68**	**Practical IV – Electronics**	**40**	**60**	**100**
39.	UEA 60	Extension Activities	50	–	50

NOTE :

Elective I & III are to be chosen only in the following combination.

UEPH 54A and UEPH 65A (Or)

UEPH 54B and UEPH 65B (Or)

UEPH 54C and UEPH 65C

*** Candidates should select other than their Major Subject as Non-Major**

B.SC. SOFTWARE COMPUTER SCIENCE

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	UES 10	Environmental Studies	10	40	50
2.	USC 11	Introduction to Information Technology	25	75	100
3.	UAMA 15B	Mathematical Foundations I (Allied)	25	75	100
		I YEAR (II SEMESTER)			
4.	UGA 20	Value Education	10	40	50
5.	USS 20	Soft Skill	10	40	50
6.	USC 21	Programming in C	25	75	100
7.	UAMA 25B	Mathematical Foundation II (Allied)	25	75	100
		PRACTICAL			
8.	**UPSC 23**	**Practical I – Office Automation Lab**	**40**	**60**	**100**
9.	**UPSC 24**	**Practical II – Programming in C Lab**	**40**	**60**	**100**
		II YEAR (III SEMESTER)			
10.	USC 31	Software Engineering	25	75	100
11.	UASC 32	Quantitative Techniques I (Allied)	15	60	75
		SKILL BASED SUBJECT			
12.	USSC 33	Object Oriented Programming using C++ (SBS I)	15	60	75
		NON MAJOR ELECTIVE			
13.	UNSC 34	Office Automation Tools (NME I)	10	40	50
		PRACTICAL			
14.	**UPSC 35**	**Practical III – C++ Lab**	**40**	**60**	**100**
		II YEAR (IV SEMESTER)			
15.	USC 41	Object Oriented Analysis and Design	25	75	100
16.	UASC 42	Quantitative Techniques II (Allied)	15	60	75
		SKILL BASED SUBJECT			
17.	USSC 43	Data Structures (SBS II)	15	60	75
		NON MAJOR ELECTIVE			
18.	UNSC 44	Internet and its Applications (NME II)	10	40	50
		PRACTICAL			
19.	**UPSC 45**	**Practical IV – Data Structures using C++ Lab**	**40**	**60**	**100**
20.	**UPSC 46**	**Practical – Quantitative Techniques Lab (Allied)**	**10**	**40**	**50**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		III YEAR (V SEMESTER)			
21.	USC 51	Database Management Systems	25	75	100
22.	USC 52	Java Programming	25	75	100
		ELECTIVE I (Choose any ONE A or B or C)			
23.	UESC 53A	Data Mining	25	75	100
24.	UESC 53B	Computer Graphics	25	75	100
25.	UESC 53C	Digital Image Processing	25	75	100
		SKILL BASED SUBJECT			
26.	USSC 54	Operating Systems (SBS III)	15	60	75
		PRACTICAL			
27.	**UPSC 55**	**Practical V – Java Programming Lab**	**40**	**60**	**100**
28.	**UPSC 56**	**Practical VI – RDBMS Lab**	**40**	**60**	**100**
		III YEAR (VI SEMESTER)			
29.	USC 61	Web Technology	25	75	100
30.	USC 62	Mobile Technology	25	75	100
		ELECTIVE II (Choose any ONE A or B or C)			
31.	UESC 63A	Network Security and Cryptography	25	75	100
32.	UESC 63B	Client Server Technology	25	75	100
33.	UESC 63C	Data Communication and Network	25	75	100
		ELECTIVE III (Choose any ONE A or B or C)			
34.	UESC 64A	Electronic Commerce	25	75	100
35.	UESC 64B	Software Project Management	25	75	100
36.	UESC 64C	Internet and Its Applications	25	75	100
		SKILL BASED SUBJECT			
37.	USSC 65	Visual Programming (SBS IV)	15	60	75
		PRACTICAL			
38.	**UPSC 66**	**Practical VII – Web Technology Lab**	**40**	**60**	**100**
39.	**UPSC 67**	**Practical VIII – Visual Programming Lab**	**40**	**60**	**100**
40.	UEA 60	Extension Activities	50	–	50

NOTE :

Candidates should select other than their Major Subject as Non-Major

B.SC. STATISTICS

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	UES 10	Environmental Studies	10	40	50
2.	UST 11	Descriptive Statistics	25	75	100
3.	UAMA 15C	Mathematics I (Allied)	25	75	100
		I YEAR (II SEMESTER)			
4.	UGA 20	Value Education	10	40	50
5.	USS 20	Soft Skill	10	40	50
6.	UST 21	Probability and Random Variables	25	75	100
7.	UAMA 25C	Mathematics II (Allied)	25	75	100
		PRACTICAL			
8.	**UPST 23**	**Practical**	**40**	**60**	**100**
		II YEAR (III SEMESTER)			
9.	UST 31	Distribution Theory	25	75	100
10.	UAST 32	Numerical Methods (Allied)	15	60	75
		SKILL BASED SUBJECT			
11.	USST 33	Indian Official Statistics (SBS I)	15	60	75
		NON MAJOR ELECTIVE			
12.	UNST 34	Statistical Methods I (NME I)	10	40	50
		II YEAR (IV SEMESTER)			
13.	UST 41	Sampling Theory	25	75	100
14.	UAST 42	Programming in C (Allied)	15	60	75
		SKILL BASED SUBJECT			
15.	USST 43	Industrial Statistics (SBS II)	15	60	75
		NON MAJOR ELECTIVE			
16.	UNST 44	Statistical Methods II (NME II)	10	40	50
		PRACTICAL			
17.	**UPST 45**	**Practical I**	**40**	**60**	**100**
18.	**UPST 46**	**Practical I – Numerical Methods and Programming in C (Allied)**	**10**	**40**	**50**
		III YEAR (V SEMESTER)			
19.	UST 51	Statistical Inference I	25	75	100
20.	UST 52	Statistical Quality Control	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
21.	UST 53	Operations Research	25	75	100
22.	UST 54	Applied Statistics	25	75	100
		ELECTIVE I (Choose any ONE A or B or C)			
23.	UEST 55A	Demography	25	75	100
24.	UEST 55B	Data Base Management System	25	75	100
25.	UEST 55C	Statistical Genetics	25	75	100
		SKILL BASED SUBJECT			
26.	USST 56	Applied Decision Making (SBS III)	15	60	75
		III YEAR (VI SEMESTER)			
27.	UST 61	Statistical Inference II	25	75	100
28.	UST 62	Design of Experiments	25	75	100
29.	UST 63	Stochastic Processes	25	75	100
		ELECTIVE II (Choose any ONE A or B or C)			
30.	UEST 64A	Mathematical Economics	25	75	100
31.	UEST 64B	Real Analysis I	25	75	100
32.	UEST 64C	Actuarial Statistics	25	75	100
		ELECTIVE III (Choose any ONE A or B or C)			
33.	UEST 65A	Regression Analysis	25	75	100
34.	UEST 65B	Real Analysis II	25	75	100
35.	UEST 65C	Econometric Methods	25	75	100
		SKILL BASED SUBJECT			
36.	USST 66	Statistical Data Analysis (Software Based-Practical) (SBS IV)	15	60	75
		PRACTICAL			
37.	**UPST 67**	**Practical III**	**40**	**60**	**100**
38.	UEA 60	Extension Activities	50	–	50

NOTE :

Candidates should select other than their Major Subject as Non-Major

B.SC. VISUAL COMMUNICATION

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	UES 10	Environmental Studies	10	40	50
2.	UVC 11	Media and Society	25	75	100
3.	UVC 12	Fundamentals of Computers	25	75	100
4.	UAVC 13	Photography Theory (Allied)	25	75	100
		I YEAR (II SEMESTER)			
5.	UGA 20	Value Education	10	40	50
6.	USS 20	Soft Skill	10	40	50
7.	UVC 21	Introduction to Visual Communication	25	75	100
		PRACTICAL			
8.	**UPVC 22**	**Practical I – Computer Graphics**	**40**	**60**	**100**
9.	**UPVC 23**	**Practical – Photography (Allied)**	**40**	**60**	**100**
		II YEAR (III SEMESTER)			
10.	UVC 31	TV and Radio Production	25	75	100
11.	UAVC 32	Advertising (Allied)	25	75	100
		SKILL BASED SUBJECT			
12.	USVC 33	Communication Skills (SBS I)	15	60	75
		NON MAJOR ELECTIVE - PRACTICAL			
13.	**UPVC 34**	**Practical – 2D Animation Flash (NME I)**	10	40	50
		II YEAR (IV SEMESTER)			
14.	UVC 41	Multimedia Animation and Authoring Principles	25	75	100
15.	UAVC 42	Script Writing (Allied)	25	75	100
		SKILL BASED SUBJECT			
16.	USVC 43	Personality Development (SBS II)	15	60	75
		NON MAJOR ELECTIVE			
17.	UNVC 44	Web Designing and Production Technology (NME II)	10	40	50
		PRACTICAL			
18.	**UPVC 45**	**Practical II – TV and Radio Production**	**40**	**60**	**100**
		III YEAR (V SEMESTER)			
19.	UVC 51	Film Studies	25	75	100
20.	UVC 52	Writing for Media	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
21.	UVC 53	Multimedia Applications in the Media Industry	25	75	100
		SKILL BASED SUBJECT			
22.	USVC 54	Soft Skills Development (SBS III)	15	60	75
		PRACTICAL			
23.	**UPVC 55**	**Practical – Web Designing (Elective I)**	25	75	100
		III YEAR (VI SEMESTER)			
24.	UVC 61	Media Laws and Ethics	25	75	100
25.	UEVC 62	Media Technology (Elective II)	25	75	100
26.	UEVC 63	3D Modeling and Animation (Elective III)	25	75	100
		SKILL BASED SUBJECT			
27.	USVC 64	Body Language and Non-Verbal Communication (SBS IV)	15	60	75
		PRACTICAL			
28.	**UPVC 65**	**Practical III – 3D Animation**	**40**	**60**	**100**
29.	**UPVC 66**	**Project Work**	**–**	**100**	**100**
30.	UEA 60	Extension Activities	50	–	50

NOTE :

Candidates should select other than their Major Subject as Non-Major

B.SC. ZOOLOGY

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	UES 10	Environmental Studies	10	40	50
2.	UZO 11	Invertebrata	25	75	100
		ALLIED (Choose any 1 out of 3)			
3.	UAZO 12	Economic Entomology I	15	60	75
4.	UACH 15C	Chemistry I	15	60	75
5.	UABO 15C	Botany I	15	60	75
		I YEAR (II SEMESTER)			
6.	UGA 20	Value Education	10	40	50
7.	USS 20	Soft Skill	10	40	50
8.	UZO 21	Chordata	25	75	100
		ALLIED (Choose any 1 out of 3)			
9.	UAZO 22	Economic Entomology II	15	60	75
10.	UACH 25C	Chemistry II	15	60	75
11.	UABO 25C	Botany II	15	60	75
		PRACTICAL			
12.	**UPZO 23**	**Practical I – Invertebrata and Chordata**	**40**	**60**	**100**
13.	**UPZO 24**	**Practical – Economic Entomology (Allied)**	**10**	**40**	**50**
14.	**UPCH 25C**	**Practical – Chemistry (Allied)**	**10**	**40**	**50**
15.	**UPBO 25C**	**Practical – Botany (Allied)**	**10**	**40**	**50**
		II YEAR (III SEMESTER)			
16.	UZO 31	Cell and Molecular Biology	25	75	100
		ALLIED (Choose any 1 out of 3)			
17.	UAZO 12	Economic Entomology I	15	60	75
18.	UACH 15C	Chemistry I	15	60	75
19.	UABO 15C	Botany I	15	60	75
		SKILL BASED SUBJECT (Choose any ONE A or B)			
20.	USZO 32A	Public Health and Hygiene (SBS I)	15	60	75

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
21.	USZO 32B	Single Cell Protein Culture (SBS I)	15	60	75
		NON MAJOR ELECTIVE (Choose any ONE A or B)			
22.	UNZO 33A	Vermiculture (NME I)	10	40	50
23.	UNZO 33B	Poultry Farming (NME I)	10	40	50
		II YEAR (IV SEMESTER)			
24.	UZO 41	Genetics and Biotechnology	25	75	100
		ALLIED (Choose any 1 out of 3)			
25.	UAZO 22	Economic Entomology II	15	60	75
26.	UACH 25C	Chemistry II	15	60	75
27.	UABO 25C	Botany II	15	60	75
		SKILL BASED SUBJECT (Choose any ONE A or B)			
28.	USZO 42A	Bio Fertilizer Production (SBS II)	15	60	75
29.	USZO 42B	Apiculture (SBS II)	15	60	75
		NON MAJOR ELECTIVE (Choose any ONE A or B)			
30.	UNZO 43A	Sericulture (NME II)	10	40	50
31.	UNZO 43B	Aquarium Fish Keeping (NME II)	10	40	50
		PRACTICAL			
32.	**UPZO 44**	**Practical II – Cell and Molecular Biology, Genetics and Biotechnology**	**40**	**60**	**100**
33.	**UPZO 24**	**Practical – Economic Entomology (Allied)**	**10**	**40**	**50**
34.	**UPCH 25C**	**Practical – Chemistry (Allied)**	**10**	**40**	**50**
35.	**UPBO 25C**	**Practical – Botany (Allied)**	**10**	**40**	**50**
		III YEAR (V SEMESTER)			
36.	UZO 51	Biostatistics and Bioinformatics	25	75	100
37.	UZO 52	Developmental Biology and Immunology	25	75	100
38.	UZO 53	Animal Physiology	25	75	100
		ELECTIVE I (Choose any ONE A or B)			
39.	UEZO 54A	Bio Instrumentation (Elective I)	25	75	100
40.	UEZO 54B	Human Endocrinology (Elective I)	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		SKILL BASED SUBJECT (Choose any ONE A or B)			
41.	USZO 55A	Pisciculture (SBS III)	15	60	75
42.	USZO 55B	Vegetable Meat Culture (SBS III)	15	60	75
		III YEAR (VI SEMESTER)			
43.	UZO 61	Environmental Biology	25	75	100
44.	UZO 62	Economic Zoology	25	75	100
45.	UZO 63	Evolution	25	75	100
		ELECTIVE II (Choose any ONE A or B)			
46.	UEZO 64A	Biochemistry (Elective II)	25	75	100
47.	UEZO 64B	Applied Entomology (Elective II)	25	75	100
		ELECTIVE III (Choose any ONE A or B)			
48.	UEZO 65A	Nanotechnology in Life Sciences (Elective III)	25	75	100
49.	UEZO 65B	Microbiology (Elective III)	25	75	100
		SKILL BASED SUBJECT (Choose any ONE A or B)			
50.	USZO 66A	Medical Lab Techniques (SBS IV)	15	60	75
51.	USZO 66B	Industrial Fishery Management (SBS IV)	15	60	75
		PRACTICAL			
52.	**UPZO 67**	**Practical III – Animal Physiology and Developmental Biology and Immunology**	**40**	**60**	**100**
53.	**UPZO 68**	**Practical IV – Environmental Biology and Economic Zoology**	**40**	**60**	**100**
54.	UEA 60	Extension Activities	50	–	50

NOTE :

Candidates should select other than their Major Subject as Non-Major

M.A. ECONOMICS

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	PEC 11	Micro Economic Analysis I	25	75	100
2.	PEC 12	Macro Economic Analysis I	25	75	100
3.	PEC 13	Mathematical Economics	25	75	100
4.	PEC 14	Financial Economics	25	75	100
		ELECTIVE (Choose any ONE A or B)			
5.	PEC 15A	Industrial Economics	25	75	100
6.	PEC 15B	Labour Economics	25	75	100
		I YEAR (II SEMESTER)			
7.	PHR 20	Human Rights	25	75	100
8.	PEC 21	Micro Economic Analysis II	25	75	100
9.	PEC 22	Macro Economic Analysis II	25	75	100
10.	PEC 23	Mathematics for Economics	25	75	100
11.	PEC 24	Introduction to inferential statics	25	75	100
		ELECTIVE (Choose any ONE A or B)			
12.	PEC 25A	Economics of Social Issues	25	75	100
13.	PEC 25B	Economics of Business Strategy	25	75	100
		II YEAR (III SEMESTER)			
14.	PEC 31	Public Economics I	25	75	100
15.	PEC 32	International Economics	25	75	100
16.	PEC 33	Indian Financial System	25	75	100
17.	PEC 34	Research Methodology (without Statistics)	25	75	100
18.	PEC 35	Indian Economic Development	25	75	100
		ELECTIVE (Choose any ONE A or B)			
19.	PEC 36A	History of Economic Thought	25	75	100
20.	PEC 36B	Basic Economictric	25	75	100
		II YEAR (IV SEMESTER)			
21.	PEC 41	Public Economics II	25	75	100
22.	PEC 42	International Finance	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
23.	PEC 43	Economics Software	25	75	100
24.	PEC 44	Environmental Economics	25	75	100
		ELECTIVE **(Choose any ONE A or B)**			
25.	PEC 45A	Managerial Economics	25	75	100
26.	PEC 45B	Human Resource Development	25	75	100

M.A. ENGLISH

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	PEN 11	Chaucer and the Elizabethan Age	25	75	100
2.	PEN 12	The Neo Classical Age	25	75	100
3.	PEN 13	The Romantic and the Victorian Ages	25	75	100
4.	PEN 14	Twentieth Century	25	75	100
5.	PEN 15	Theory and Practice of Translation (Elective)	25	75	100
		I YEAR (II SEMESTER)			
6.	PHR 20	Human Rights	25	75	100
7.	PEN 21	English Language and Linguistics	25	75	100
8.	PEN 22	Indian Literature in English	25	75	100
9.	PEN 23	Shakespeare	25	75	100
10.	PEN 24	American Literature	25	75	100
11.	PEN 25	New Literatures in English (Elective)	25	75	100
		II YEAR (III SEMESTER)			
12.	PEN 31	Commonwealth Literature	25	75	100
13.	PEN 32	Literary Theory and Criticism I	25	75	100
14.	PEN 33	English Language Teaching	25	75	100
15.	PEN 34	Literature, Analysis, Approaches and Applications	25	75	100
16.	PEN 35	Film Reviews and Presentation (Elective)	25	75	100
		II YEAR (IV SEMESTER)			
17.	PEN 41	Literary Theory and Criticism II	25	75	100
18.	PEN 42	Soft Skills, Literature and Movies	25	75	100
19.	PEN 43	World Classics in Translation	25	75	100
20.	PEN 44	Women's Writing in English	25	75	100
		(Choose any ONE A or B)			
21.	PEN 45A	Anatomy of Literature (Elective)	25	75	100
22.	**PEN 45B**	**Project**	25	75	100

M.A. HISTORY

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	PHI 11	Social and Cultural History of Tamilnadu from Sangam age to A.D 1565	25	75	100
2.	PHI 12	Social and Cultural History of India up to A.D. 1526	25	75	100
3.	PHI 13	Social and Cultural History of India from A.D. 1526 to A.D. 1773	25	75	100
4.	PHI 14	Intellectual History of the 19th Century India	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			
5.	PHI 15A	Economic History of India up to 1526 A.D.	25	75	100
6.	PHI 15B	Principles of Tourism	25	75	100
7.	PHI 15C	Principles of Archaeology	25	75	100
		I YEAR (II SEMESTER)			
8.	PHR 20	Human Rights	25	75	100
9.	PHI 21	Social and Cultural History of Tamilnadu from A.D. 1565 to A.D. 2000	25	75	100
10.	PHI 22	Social and Cultural History of India from A.D. 1773 to A.D. 2000	25	75	100
11.	PHI 23	Intellectual History of the 20th Century India	25	75	100
12.	PHI 24	India and her Neighbours since A.D. 1947	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			
13.	PHI 25A	Economic History of India from A.D. 1526 to A.D. 1857	25	75	100
14.	PHI 25B	Tourism and Its Practices	25	75	100
15.	PHI 25C	Women's Studies	25	75	100
		II YEAR (III SEMESTER)			
16.	PHI 31	History of World Civilizations (excluding India) – Ancient Period	25	75	100
17.	PHI 32	History of Europe from A.D. 1789 to A.D. 1919	25	75	100
18.	PHI 33	Historiography	25	75	100
19.	PHI 34	History of the USA from A.D. 1900 to A.D. 2000	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
20.	PHI 35A	History of Science and Technology in India. A.D. 1858 to A.D. 1947	25	75	100
21.	PHI 35B	Islamic History and Culture from A.D. 500 to A.D. 750	25	75	100
22.	PHI 35C	Panchayat Raj	25	75	100
		II YEAR (IV SEMESTER)			
23.	PHI 41	History of World Civilizations (Excluding India) Medieval and Modern Period	25	75	100
24.	PHI 42	International Relations Since A.D. 1919	25	75	100
25.	PHI 43	Research Methodology in History	25	75	100
		ELECTIVE **(Choose any ONE A or B or C)**			
26.	PHI 44A	History of Science and Technology from A.D. 1947 to 2000	25	75	100
27.	PHI 44B	Islamic History and Culture from A.D 750 to A.D. 1258	25	75	100
28.	PHI 44C	Basics of Information Technology	25	75	100
29.	PHI 45	History of Modern China and Japan from A.D. 1900 to A.D. 2000 **(Or)**	25	75	100
30.	**PHI 46**	**Project / Dissertation**	**25**	**75**	**100**

MASTER OF SOCIAL WORK

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	PSW 11	Social Work Practice with Individuals	25	75	100
2.	PSW 12	Social Work Practice with Groups	25	75	100
3.	PSW 13	Social Work Practice with Communities	25	75	100
4.	PSW 14	Psychology	25	75	100
5.	PSW 15	Sociology (Elective)	25	75	100
		PRACTICAL			
6.	**PSW 16**	**Practical – Concurrent Field Work I**	**40**	**60**	**100**
		I YEAR (II SEMESTER)			
7.	PHR 20	Human Rights	25	75	100
8.	PSW 21	Research Methodology	25	75	100
9.	PSW 22	Administration of service organizations	25	75	100
10.	PSW 23	Social Policy and Social Legislation	25	75	100
11.	PSW 24	Life Skills for Social Work Practice (Elective)	25	75	100
		PRACTICAL			
12.	**PSW 25**	**Practical – Concurrent Field Work II**	**40**	**60**	**100**
		II YEAR (III SEMESTER)			
		Specialization Paper I **(Choose any ONE A or B or C or D)**			
13.	PSW 31A	Rural Community Development (SP 1)	25	75	100
14.	PSW 31B	Family Social Work (SP 1)	25	75	100
15.	PSW 31C	Human Resource Management (SP 1)	25	75	100
16.	PSW 31D	Medical Social Work (SP 1)	25	75	100
		Specialization Paper II **(Choose any ONE A or B or C or D)**			
17.	PSW 32A	Urban Community Development I (SP 2)	25	75	100
18.	PSW 32B	Social Work with Children (SP 2)	25	75	100
19.	PSW 32C	Labour Legislations and Labour Welfare (SP 2)	25	75	100
20.	PSW 32D	Mental Health and Social Work (SP 2)	25	75	100
21.	PSW 33	Disaster Management (Elective III)	25	75	100
22.	PSW 34	Computer Application is Social Work (Elective IV)	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		PRACTICAL			
23.	**PSW 35**	**Practical - Concurrent Field Work III**	**40**	**60**	**100**
		II YEAR (IV SEMESTER)			
		Specialization Paper III **(Choose any ONE A or B or C or D)**			
24.	PSW 41A	Project Cycle Management (SP 3)	25	75	100
25.	PSW 41B	Social Work with Youth (SP 3)	25	75	100
26.	PSW 41C	Organizational Behaviour (SP 3)	25	75	100
27.	PSW 41D	Psychiatric Social Work (SP 3)	25	75	100
		Specialization Paper IV **(Choose any ONE A or B or C or D)**			
28.	PSW 42A	Strategies for Community Development (SP 4)	25	75	100
29.	PSW 42B	Social Work with the Elderly (SP 4)	25	75	100
30.	PSW 42C	Union Management Relations (SP 4)	25	75	100
31.	PSW 42D	Community Health (SP 4)	25	75	100
32.	**PSW 43**	**Research Project**	25	75	100
33.	**PSW 44**	**Block Field Work (Compulsory) (Internal)**	**100**	**-**	**100**
		PRACTICAL			
34.	**PSW 45**	**Practical - Concurrent Field Work IV**	**40**	**60**	**100**

M.A. TAMIL

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		Kjy; tUlk; (Kjy; gUtk;)			
1.	PTA 11	,f;fhy ,yf;fpak; 1	25	75	100
2.	PTA 12	mw ,yf;fpak;	25	75	100
3.	PTA 13	fhg;gpa';fs;	25	75	100
4.	PTA 14	bjhy;fhg;gpak; vGj;jjpfhuk; 1	25	75	100
		ELECTIVE **(Choose any ONE A or B or C or D)**			
5.	PTA 15A	jkpH; gz;ghl;L tuyhW	25	75	100
6.	PTA 15B	rkaKk; jkpHpyf;fpaKk;	25	75	100
7.	PTA 15C	xg;gpyf;fpak;	25	75	100
8.	PTA 15D	,jHpaYk; kf;fs; bjhlh;gpaYk;	25	75	100
		Kjy; tUlk; (,uz;lhk; gUtk;)			
9.	PHR 20	kdpj chpikfs;	25	75	100
10.	PTA 21	,f;fhy ,yf;fpak; 2	25	75	100
11.	PTA 22	gf;jp ,yf;fpa';fs;	25	75	100
12.	PTA 23	vGj;jjpfhuk; 2	25	75	100
13.	PTA 24	bjhy;fhg;gpak; brhy;yjpfhuk; 1	25	75	100
		ELECTIVE **(Choose any ONE A or B or C or D)**			
14.	PTA 25A	nfhapw;fiya[k; gz;ghLk; Ml;rpa[k;	25	75	100
15.	PTA 25B	fk;gh;	25	75	100
16.	PTA 25C	rpj;jh; ,yf;fpak;	25	75	100
17.	PTA 25D	bghJbkhHpapay;	25	75	100
		,uz;lhk; tUlk; (K:d;whk; gUtk;)			
18.	PTA 31	r';f ,yf;fpak; 1	25	75	100
19.	PTA 32	Muha;r;rp bewpKiwfs;	25	75	100
20.	PTA 33	bjhy;fhg;gpak; brhy;yjpfhuk; 2	25	75	100
21.	PTA 34	bjhy;fhg;gpak; bghUsjpfhuk; 1	25	75	100
		ELECTIVE **(Choose any ONE A or B or C or D)**			
22.	PTA 35A	mf ,yf;fpaf; nfhl;ghLfs;	25	75	100
23.	PTA 35B	,s';nfhtofs;	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
24.	PTA 35C	ckW g[yth;	25	75	100
25.	PTA 35D	mwptpay; jkpH;	25	75	100
		,uz;lhk; Mz;L (ehd;fhk; gUtk;)			
26.	PTA 41	r';f ,yf;fpak; 2	25	75	100
27.	PTA 42	rpw;wpyf;fpak;	25	75	100
28.	PTA 43	bjhy;fhg;gpak; bghUsjpfhuk; 2	25	75	100
		ELECTIVE **(Choose any ONE A or B or C or D)**			
29.	PTA 44A	r';f fhyk;	25	75	100
30.	PTA 44B	jpUts;Sth;	25	75	100
31.	PTA 44C	irt rpj;jhe;jk;	25	75	100
32.	PTA 44D	jkpGf;F fzpzpapd; gad;ghL	25	75	100
33.	**PTA 45**	**Ma;ntL (Project)**	**25**	**75**	**100**

M.B.A

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	PBA 11	Management Principles	25	75	100
2.	PBA 12	Applied Operations Research	25	75	100
3.	PBA 13	Organizational Behavior	25	75	100
4.	PBA 14	Accounting for Managers	25	75	100
5.	PBA 15	Managerial Economics	25	75	100
6.	PBA 16	Research Methodology	25	75	100
		I YEAR (II SEMESTER)			
7.	PHR 20	Human Rights	25	75	100
8.	PBA 21	Human Resource Management	25	75	100
9.	PBA 22	Marketing Management	25	75	100
10.	PBA 23	Financial Management	25	75	100
11.	PBA 24	Production and Materials Management	25	75	100
		ELECTIVE I & II (Choose any TWO A or B or C)			
12.	PBA 25A	Industrial and Labour Relations	25	75	100
13.	PBA 25B	Consumer Behaviour	25	75	100
14.	PBA 25C	Security Analysis and Portfolio Management	25	75	100
		II YEAR (III SEMESTER)			
15.	PBA 31	Management Information System	25	75	100
16.	PBA 32	Business Communication	25	75	100
17.	PBA 33	Legal Systems in Business	25	75	100
18.	PBA 34	Supply Chain Management	25	75	100
		ELECTIVE III (Choose any ONE A or B or C)			
19.	PBA 35A	Training and Development	25	75	100
20.	PBA 35B	Advertising and Sales Promotion	25	75	100
21.	PBA 35C	Financial Services	25	75	100
		ELECTIVE IV (Choose any ONE A or B or C)			
22.	PBA 36A	Performance Management	25	75	100
23.	PBA 36B	Retail Management	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
24.	PBA 36C	Derivatives Management	25	75	100
25.	**PBA 37**	**Project Viva Voce**	**25**	**75**	**100**
		II YEAR (IV SEMESTER)			
26.	PBA 41	Entrepreneurial Development	25	75	100
27.	PBA 42	Strategic Management	25	75	100
28.	PBA 43	Export Management	25	75	100
29.	PBA 44	Total Quality Management	25	75	100
		ELECTIVE V **(Choose any ONE A or B or C)**			
30.	PBA 45A	Organisational Development and Change	25	75	100
31.	PBA 45B	Sales and Distribution Management	25	75	100
32.	PBA 45C	Insurance and Risk Management	25	75	100
		ELECTIVE VI **(Choose any ONE A or B or C)**			
33.	PBA 46A	Strategic Human Resource Management	25	75	100
34.	PBA 46B	Brand Management	25	75	100
35.	PBA 46C	Working Capital Management	25	75	100

M.C.A

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	PCA 11	Programming in C	25	75	100
2.	PCA 12	Fundamentals of Digital Logic and Design	25	75	100
3.	PCA 13	Relational Database Management Systems	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			
4.	PCA 14A	Introduction to Information Technology	25	75	100
5.	PCA 14B	Principles of Programming Languages	25	75	100
6.	PCA 14C	Computer Architecture	25	75	100
		I YEAR (II SEMESTER)			
7.	PHR 20	Human Rights	25	75	100
8.	PCA 21	Object Oriented Programming using C++	25	75	100
9.	PCA 22	Data Structures	25	75	100
10.	PCA 23	Computer Graphics	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			
11.	PCA 24A	Discrete Mathematics	25	75	100
12.	PCA 24B	Resource Management Techniques	25	75	100
13.	PCA 24C	Accounting and Financial Management	25	75	100
		PRACTICAL			
14.	**PCA 25**	**Practical – C++ Programming Lab**	**40**	**60**	**100**
15.	**PCA 26**	**Practical – Data Structures Lab**	**40**	**60**	**100**
16.	**PCA 27**	**Practical – Computer Graphics Lab**	**40**	**60**	**100**
		II YEAR (III SEMESTER)			
17.	PCA 31	Design and Analysis of Algorithms	25	75	100
18.	PCA 32	Java Programming	25	75	100
19.	PCA 33	Computer Networks	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			
20.	PCA 34A	Object Oriented Analysis and Design	25	75	100
21.	PCA 34B	Multimedia and Animations	25	75	100
22.	PCA 34C	Enterprise Resource Planning	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		PRACTICAL			
23.	**PCA 35**	**Practical – Computer Networks Lab**	**40**	**60**	**100**
24.	**PCA 36**	**Practical – Windows Programming Lab (using VC++)**	**40**	**60**	**100**
25.	**PCA 37**	**Practical – Java Programming Lab**	**40**	**60**	**100**
		II YEAR (IV SEMESTER)			
26.	PCA 41	Operating System	25	75	100
27.	PCA 42	Visual Programming	25	75	100
28.	PCA 43	Web Technology	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			
29.	PCA 44A	Open CL Programming	25	75	100
30.	PCA 44B	E–Business	25	75	100
31.	PCA 44C	Client / Server Computing	25	75	100
		PRACTICAL			
32.	**PCA 45**	**Practical – Operating System Lab**	**40**	**60**	**100**
33.	**PCA 46**	**Practical –Visual Programming Lab**	**40**	**60**	**100**
34.	**PCA 47**	**Practical – Web Technology Lab**	**40**	**60**	**100**
		III YEAR (V SEMESTER)			
35.	PCA 51	JSP and Servlet Programming	25	75	100
36.	PCA 52	C# and .NET Framework	25	75	100
37.	PCA 53	Software Engineering	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			
38.	PCA 54A	Grid Computing	25	75	100
39.	PCA 54B	Principles of Complier Design	25	75	100
40.	PCA 54C	Data Warehouse and Mining	25	75	100
		PRACTICAL			
41.	**PCA 55**	**Practical – C# and .NET Programming Lab**	**40**	**60**	**100**
42.	**PCA 56**	**Practical – JSP and Servlet Programming**	**40**	**60**	**100**
43.	**PCA 57**	**Practical – Mini Project**	**40**	**60**	**100**
		III YEAR (VI SEMESTER)			
44.	**PCA 61**	**Project Work and Viva Voce**	**80**	**120**	**200**

M.COM

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	PCM 11	Advanced Financial Management	25	75	100
2.	PCM 12	Accounting for Managerial Decisions	25	75	100
3.	PCM 13	Global Marketing	25	75	100
4.	PCM 14	Advanced Business Statistics	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			
5.	PCM 15A	Managerial Economics	25	75	100
6.	PCM 15B	Computer Applications in Business	25	75	100
7.	PCM 15C	Insurance and Risk Management	25	75	100
		I YEAR (II SEMESTER)			
8.	PHR 20	Human Rights	25	75	100
9.	PCM 21	Corporate Laws	25	75	100
10.	PCM 22	Human Resource Management	25	75	100
11.	PCM 23	Advanced Accounts	25	75	100
12.	PCM 24	Quantitative Techniques for Business Decisions	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			
13.	PCM 25A	Labour Legislation	25	75	100
14.	PCM 25B	E-Commerce	25	75	100
15.	PCM 25C	Bank Management	25	75	100
		II YEAR (III SEMESTER)			
16.	PCM 31	Indirect Taxes	25	75	100
17.	PCM 32	Organizational Behavior	25	75	100
18.	PCM 33	Advanced Cost Accounting	25	75	100
19.	PCM 34	Research Methodology	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			
20.	PCM 35A	Working Capital Management	25	75	100
21.	PCM 35B	Computer and Office Management	25	75	100
22.	PCM 35C	Services Marketing	25	75	100
		II YEAR (IV SEMESTER)			

S.NO.	PAPER CODE	TITLE OF THE PAPER		CIA	UNI. EXAM	TOT
23.	PCM 41	Direct Taxes		25	75	100
24.	PCM 42	Investment Management		25	75	100
		ELECTIVE **(Choose any ONE A or B or C)**				
25.	PCM 43A	Business Environment and Policy		25	75	100
26.	PCM 43B	Introduction to Information Technology		25	75	100
27.	PCM 43C	Sales and Advertising Management		25	75	100
28.	PCM 44	Project Development	**(Or)**	25	75	100
29.	PCM 45	Marketing Research		25	75	100
30.	**PCM 46**	**Project / Dissertation with Viva Voce**		**50**	**150**	**200**

M.SC. APPLIED MICROBIOLOGY

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	PAM 11	General Microbiology and Microbial Diversity	25	75	100
2.	PAM 12	Food, Agriculture and Environmental Microbiology	25	75	100
3.	PAM 13	Immunotechnology	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			
4.	PAM 14A	Biofertilizer Technology	25	75	100
5.	PAM 14B	Fundamentals in Biology	25	75	100
6.	PAM 14C	Microbial Biotechnology	25	75	100
		I YEAR (II SEMESTER)			
7.	PHR 20	Human Rights	25	75	100
8.	PAM 21	Medical Microbiology	25	75	100
9.	PAM 22	Microbial Physiology and Biomolecules	25	75	100
10.	PAM 23	Bioinformatics and Biostatistics	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			
11.	PAM 24A	Haematology and Clinical Techniques	25	75	100
12.	PAM 24B	Genetic Engineering	25	75	100
13.	PAM 24C	Microbial Bionanotechnology	25	75	100
		PRACTICAL			
14.	**PAM 25**	**Practical – (Subject covering Paper 1, 2 and 3)**	**40**	**60**	**100**
15.	**PAM 26**	**Practical – (Subject covering Paper 4, 5 and 6)**	**40**	**60**	**100**
		II YEAR (III SEMESTER)			
16.	PAM 31	Microbial Genetics and Molecular Biology	25	75	100
17.	PAM 32	Microbial Gene Technology	25	75	100
18.	PAM 33	Industrial Biotechnology	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			
19.	PAM 34A	Biological Techniques	25	75	100
20.	PAM 34B	Herbal Technology	25	75	100
21.	PAM 34C	Vaccine Biotechnology	25	75	100
		II YEAR (IV SEMESTER)			

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
22.	PAM 41	Research Methodology	25	75	100
23.	PAM 42	Quality Control and Biosafety	25	75	100
		ELECTIVE **(Choose any ONE A or B or C)**			
24.	PAM 43A	Bioremediation	25	75	100
25.	PAM 43B	Marine Microbiology	25	75	100
26.	PAM 43C	Clinic Microbiology	25	75	100
		PRACTICAL			
27.	**PAM 44**	**Practical – (Subject Covering Paper 7, 8 and 9)**	**40**	**60**	**100**
28.	**PAM 45**	**Practical – (Subject Covering Paper 10)**	**40**	**60**	**100**
29.	**PAM 46**	**Project / Dissertation with Viva Voce**	**50**	**150**	**200**

M.SC. BIO INFORMATICS

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	PBI 11	Introduction to Bioinformatics	25	75	100
2.	PBI 12	Biochemistry and Bio-Physics	25	75	100
3.	PBI 13	Computer Programming using C	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			
4.	PBI 14A	Cytogenetics	25	75	100
5.	PBI 14B	Cell Biology	25	75	100
6.	PBI 14C	Bioinstrumentation	25	75	100
		I YEAR (II SEMESTER)			
7.	PHR 20	Human Rights	25	75	100
8.	PBI 21	Genomics and Proteomics	25	75	100
9.	PBI 22	Statistical Bioinformatics	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			
10.	PBI 23A	Molecular Biology and Biotechnology	25	75	100
11.	PBI 23B	Genetic Engineering	25	75	100
12.	PBI 23C	Relational Database Management Systems	25	75	100
		PRACTICAL			
13.	**PBI 24**	**Practical – Statistical Bioinformatics**	**40**	**60**	**100**
14.	**PBI 25**	**Practical – Biochemistry and Molecular Biology**	**40**	**60**	**100**
15.	**PBI 26**	**Practical – Computational Biology**	**40**	**60**	**100**
		II YEAR (III SEMESTER)			
16.	PBI 31	Molecular Modeling and Drug Designing	25	75	100
17.	PBI 32	Advanced Programming in Bio–informatics	25	75	100
18.	PBI 33	Chemoinformatics	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			
19.	PBI 34A	Genetic Algorithm	25	75	100
20.	PBI 34B	Drug Discovery	25	75	100
21.	PBI 34C	Computational Chemistry	25	75	100
		II YEAR (IV SEMESTER)			

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
22.	PBI 41	Bio Computing	25	75	100
23.	PBI 42	Systems Biology	25	75	100
		ELECTIVE **(Choose any ONE A or B or C)**			
24.	PBI 43A	Bio-Diversity Informatics	25	75	100
25.	PBI 43B	IPR and Biosafety	25	75	100
26.	PBI 43C	Protein Engineering	25	75	100
		PRACTICAL			
27.	**PBI 44**	**Practical – Molecular Modeling and Programming**	**40**	**60**	**100**
28.	**PBI 45**	**Practical – Genomics and Proteomics**	**40**	**60**	**100**
29.	**PBI 46**	**Practical – DBMS and Biocomputing**	**40**	**60**	**100**
30.	**PBI 47**	**Project Work / Dissertation with Viva Voce**	**25**	**75**	**100**

M.SC. BIOCHEMISTRY

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	PBC 11	Cell Dynamics	25	75	100
2.	PBC 12	Biomolecules	25	75	100
3.	PBC 13	Human Physiology and Nutrition	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			
4.	PBC 14A	Biophysical and Bioorganic Chemistry	25	75	100
5.	PBC 14B	Pharmaceutical Biochemistry	25	75	100
6.	PBC 14C	Stem Cell Technology	25	75	100
		I YEAR (II SEMESTER)			
7.	PHR 20	Human Rights	25	75	100
8.	PBC 21	Analytical Biochemistry	25	75	100
9.	PBC 22	Advanced Enzymology	25	75	100
10.	PBC 23	Intermediary Metabolism	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			
11.	PBC 24A	Microbiology	25	75	100
12.	PBC 24B	Proteomics	25	75	100
13.	PBC 24C	Biochemical and Environmental Toxicology	25	75	100
		PRACTICAL			
14.	**PBC 25**	**Practical – Isolation and Characterization Studies, Quantitative Analysis, Techniques**	**40**	**60**	**100**
15.	**PBC 26**	**Practical – Enzymology – Purification and Kinetic Studies, Microbial Biochemistry**	**40**	**60**	**100**
		II YEAR (III SEMESTER)			
16.	PBC 31	Advanced Endocrinology	25	75	100
17.	PBC 32	Research Methodology	25	75	100
18.	PBC 33	Biotechnology	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			
19.	PBC 34A	Immunology	25	75	100
20.	PBC 34B	Bioinformatics	25	75	100
21.	PBC 34C	Bionanotechnology	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		II YEAR (IV SEMESTER)			
22.	PBC 41	Molecular Biology	25	75	100
23.	PBC 42	Advanced Clinical Biochemistry	25	75	100
		ELECTIVE **(Choose any ONE A or B or C)**			
24.	PBC 43A	Plant Biochemistry and Plant Molecular Biology	25	75	100
25.	PBC 43B	Herbal Technology	25	75	100
26.	PBC 43C	Genetic Engineering	25	75	100
		PRACTICAL			
27.	**PBC 44**	**Practical – Biochemical Analysis of Blood, Immunological and Molecular Biology Techniques**	**40**	**60**	**100**
28.	**PBC 45**	**Practical – Haematological Methods, Urine Analysis**	**40**	**60**	**100**
29.	**PBC 46**	**Project / Dissertation with Viva Voce**	**50**	**150**	**200**

M.SC. BIOTECHNOLOGY

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	PBT 11	Cell and Molecular Biology	25	75	100
2.	PBT 12	Microbiology and Microbial Technology	25	75	100
3.	PBT 13	Advanced Biochemistry	25	75	100
4.	PBT 14	Bio Processing Technology (Elective)	25	75	100
		I YEAR (II SEMESTER)			
5.	PHR 20	Human Rights	25	75	100
6.	PBT 21	Biophysics, Bio-statistics and Computer Applications	25	75	100
7.	PBT 22	Plant Molecular Biotechnology	25	75	100
8.	PBT 23	Animal Biotechnology	25	75	100
9.	PBT 24	Bioinformatics (Elective)	25	75	100
		PRACTICAL			
10.	**PBT 25**	**Practical – (Out of Papers 1, 2 and 3)**	**40**	**60**	**100**
11.	**PBT 26**	**Practical – (Out of Papers 4, 5 and 6)**	**40**	**60**	**100**
		II YEAR (III SEMESTER)			
12.	PBT 31	Recombinant DNA Technology	25	75	100
13.	PBT 32	Immunology and Immunotechnology	25	75	100
14.	PBT 33	Enzyme and Enzyme Technology	25	75	100
15.	PBT 34	Natural Products and Intellectual Property Rights (Elective III)	25	75	100
16.	PBT 35	Vermicomposting Technology (Elective IV)	25	75	100
		II YEAR (IV SEMESTER)			
17.	PBT 41	Research Methodology	25	75	100
18.	PBT 42	Biotechnology, Biosafety and Bioethics (Elective V)	25	75	100
		PRACTICAL			
19.	**PBT 43**	**Practical – (Out of Papers 7 and 8)**	**25**	**75**	**100**
20.	**PBT 44**	**Practical – (Out of Paper 9)**	**25**	**75**	**100**
21.	**PBT 45**	**Project / Dissertation with Viva Voce**	**50**	**150**	**200**

M.SC. BOTANY

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	PBO 11	Phycology and Bryology	25	75	100
2.	PBO 12	Mycology, Bacteriology, Licheniology and Plant Pathology	25	75	100
3.	PBO 13	Pteridophytes, Gymnosperms and Palaeobotany	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			
4.	PBO 14A	Seed Technology	25	75	100
5.	PBO 14B	Microbiology	25	75	100
6.	PBO 14C	Pharmacognosy	25	75	100
		I YEAR (II SEMESTER)			
7.	PHR 20	Human Rights	25	75	100
8.	PBO 21	Anatomy and Embryology of Angiosperms	25	75	100
9.	PBO 22	Cell and Molecular Biology	25	75	100
10.	PBO 23	Genetics and Plant Breeding	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			
11.	PBO 24A	Herbal Botany	25	75	100
12.	PBO 24B	Techniques in Botany	25	75	100
13.	PBO 24C	Industrial Microbiology	25	75	100
		PRACTICAL			
14.	**PBO 25**	**Practical I – Covering Papers I, II & III**	**40**	**60**	**100**
15.	**PBO 26**	**Practical II – Covering Papers IV, V & VI**	**40**	**60**	**100**
		II YEAR (III SEMESTER)			
16.	PBO 31	Taxonomy of Angiosperms Biodiversity and Economic Botany	25	75	100
17.	PBO 32	Biotechnology and Genetic Engineering	25	75	100
18.	PBO 33	Ecology and Toxicology	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			
19.	PBO 34A	Plant Tissue Culture	25	75	100
20.	PBO 34B	Forestry, Plant Geography and Biodiversity	25	75	100
21.	PBO 34C	Horticulture and Land Scaping	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		II YEAR (IV SEMESTER)			
22.	PBO 41	Plant Physiology	25	75	100
23.	PBO 42	Plant Biochemistry and Biophysics	25	75	100
24.	PBO 43	Research Methodology	25	75	100
		ELECTIVE **(Choose any ONE A or B or C)**			
25.	PBO 44A	Bioinformatics	25	75	100
26.	PBO 44B	Wood Technology	25	75	100
27.	PBO 44C	Biodiversity and Conservation Biology	25	75	100
		PRACTICAL			
28.	**PBO 45**	**Practical III – Covering Papers VII, VIII & IX**	**40**	**60**	**100**
29.	**PBO 46**	**Practical IV – Covering Papers X, XI & XII**	**40**	**60**	**100**

M.SC. CHEMISTRY

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	PCH 11	Organic Chemistry I	25	75	100
2.	PCH 12	Inorganic Chemistry I	25	75	100
3.	PCH 13	Physical Chemistry I	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			
4.	PCH 14A	Polymer Chemistry	25	75	100
5.	PCH 14B	Heterocyclic Chemistry	25	75	100
6.	PCH 14C	Inorganic Photochemistry	25	75	100
		I YEAR (II SEMESTER)			
7.	PHR 20	Human Rights	25	75	100
8.	PCH 21	Organic Chemistry II	25	75	100
9.	PCH 22	Inorganic Chemistry II	25	75	100
10.	PCH 23	Physical Chemistry II	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			
11.	PCH 24A	Green Chemistry	25	75	100
12.	PCH 24B	Material Science	25	75	100
13.	PCH 24C	Applied Electrochemistry	25	75	100
		PRACTICAL			
14.	**PCH 25**	**Practical – Organic Chemistry I**	**40**	**60**	**100**
15.	**PCH 26**	**Practical – Inorganic Chemistry I**	**40**	**60**	**100**
16.	**PCH 27**	**Practical – Physical Chemistry I**	**40**	**60**	**100**
		II YEAR (III SEMESTER)			
17.	PCH 31	Organic Chemistry III	25	75	100
18.	PCH 32	Inorganic Chemistry III	25	75	100
19.	PCH 33	Physical Chemistry III	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			
20.	PCH 34A	Scientific Research Methodology	25	75	100
21.	PCH 34B	Physical Organic Chemistry	25	75	100
22.	PCH 34C	Bioorganic and Medicinal Chemistry	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		II YEAR (IV SEMESTER)			
23.	PCH 41	Organic Chemistry IV	25	75	100
24.	PCH 42	Inorganic Chemistry IV	25	75	100
25.	PCH 43	Physical Chemistry IV	25	75	100
		ELECTIVE **(Choose any ONE A or B or C)**			
26.	PCH 44A	Environmental Chemistry	25	75	100
27.	PCH 44B	Bioinorganic Chemistry	25	75	100
28.	PCH 44C	Chemistry of Natural Products	25	75	100
		PRACTICAL			
29.	**PCH 45**	**Practical – Organic Chemistry II**	**40**	**60**	**100**
30.	**PCH 46**	**Practical – Inorganic Chemistry II**	**40**	**60**	**100**
31.	**PCH 47**	**Practical – Physical Chemistry II**	**40**	**60**	**100**

M.SC. COMPUTER SCIENCE

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	PCS 11	Advanced Java Programming	25	75	100
2.	PCS 12	Computer Architecture and Parallel Processing	25	75	100
3.	PCS 13	Advanced Relational Data Base Management Systems	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			
4.	PCS 14A	Distributed Operating System	25	75	100
5.	PCS 14B	Object Oriented Analysis and Design	25	75	100
6.	PCS 14C	Principles of Programming Languages	25	75	100
		I YEAR (II SEMESTER)			
7.	PHR 20	Human Rights	25	75	100
8.	PCS 21	ASP .NET Programming	25	75	100
9.	PCS 22	Unix Network Programming	25	75	100
10.	PCS 23	Advanced Data Structures and Algorithms	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			
11.	PCS 24A	Mobile Communications	25	75	100
12.	PCS 24B	Embedded Systems	25	75	100
13.	PCS 24C	Multimedia and Animation	25	75	100
		PRACTICAL			
14.	**PCS 25**	**Practical – ASP .NET Programming Lab**	**40**	**60**	**100**
15.	**PCS 26**	**Practical – UNIX Programming Lab**	**40**	**60**	**100**
16.	**PCS 27**	**Practical – PHP Programming Lab**	**40**	**60**	**100**
		II YEAR (III SEMESTER)			
17.	PCS 31	JSP and Servlet Programming	25	75	100
18.	PCS 32	Internet Programming	25	75	100
19.	PCS 33	Data Warehousing and Mining	25	75	100
20.	PCS 34	Software Testing and Quality Assurance	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			
21.	PCS 35A	Open CL Programming	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
22.	PCS 35B	Principles of Compiler Design	25	75	100
23.	PCS 35C	Network Security	25	75	100
		PRACTICAL			
24.	**PCS 36**	**Practical – JSP and Servlet Programming Lab**	**40**	**60**	**100**
25.	**PCS 37**	**Practical – Internet Programming Lab**	**40**	**60**	**100**
26.	**PCS 38**	**Practical – C# Programming Lab**	**40**	**60**	**100**
		II YEAR (IV SEMESTER)			
27.	**PCS 41**	**Project Work and Viva Voce**	**80**	**120**	**200**

M.SC. FOODS AND NUTRITION

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	PFN 11	Advanced Physiology	25	75	100
2.	PFN 12	Advanced Food Science	25	75	100
3.	PFN 13	Essential of Macro Nutrients	25	75	100
4.	PFN 14	Health and Fitness (Elective)	25	75	100
		I YEAR (II SEMESTER)			
5.	PHR 20	Human Rights	25	75	100
6.	PFN 21	Essentials of Micro Nutrients	25	75	100
7.	PFN 22	Nutrition Through Life Cycle	25	75	100
8.	PFN 23	Food Microbiology	25	75	100
9.	PFN 24	Food STDS and Quality Control (Elective)	25	75	100
		PRACTICAL			
10.	**PFN 25**	**Practical I – Out of Papers I, II and III**	**40**	**60**	**100**
11.	**PFN 26**	**Practical II – Out of Papers IV, V and VI**	**40**	**60**	**100**
		II YEAR (III SEMESTER)			
12.	PFN 31	Nutritional Biochemistry	25	75	100
13.	PFN 32	Diet Therapy	25	75	100
14.	PFN 33	Community Nutrition	25	75	100
15.	PFN 34	Nutrition in Emergencies (Elective III)	25	75	100
16.	PFN 35	Functional Foods (Elective IV)	25	75	100
		II YEAR (IV SEMESTER)			
17.	PFN 41	Research Methodology and Applied Statistics	25	75	100
18.	PFN 42	Food Biotechnology (Elective V)	25	75	100
		PRACTICAL			
19.	**PFN 43**	**Practical – (Out of Papers VII, VIII and IX)**	**40**	**60**	**100**
20.	**PFN 44**	**Practical – Research Methodology and Applied Statistics**	**40**	**60**	**100**
21.	**PFN 45**	**Project / Dissertation with Viva Voce**	**50**	**150**	**200**

M.SC. INFORMATION TECHNOLOGY

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	PIT 11	Principles of Communication System	25	75	100
2.	PIT 12	Object Oriented Programming	25	75	100
3.	PIT 13	Data base Management System	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			
4.	PIT 14A	Computer Architecture	25	75	100
5.	PIT 14B	Discrete Mathematics	25	75	100
6.	PIT 14C	Operating System	25	75	100
		I YEAR (II SEMESTER)			
7.	PHR 20	Human Rights	25	75	100
8.	PIT 21	Visual Programming	25	75	100
9.	PIT 22	Computer Networks	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			
10.	PIT 23A	Software Engineering	25	75	100
11.	PIT 23B	E–Commerce	25	75	100
12.	PIT 23C	Telecommunication Switching Techniques	25	75	100
		PRACTICAL			
13.	**PIT 24**	**Practical – Object Oriented Programming Lab**	**40**	**60**	**100**
14.	**PIT 25**	**Practical – RDBMS Lab**	**40**	**60**	**100**
15.	**PIT 26**	**Practical – Visual Programming Lab**	**40**	**60**	**100**
		II YEAR (III SEMESTER)			
16.	PIT 31	Internet Programming	25	75	100
17.	PIT 32	Mobile Computing	25	75	100
18.	PIT 33	Computer Graphics and Multimedia	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			
19.	PIT 34A	JSP and EJB	25	75	100
20.	PIT 34B	Client Server Computing	25	75	100
21.	PIT 34C	Image Processing	25	75	100
		II YEAR (IV SEMESTER)			

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
22.	PIT 41	Software Project Management	25	75	100
23.	PIT 42	Network Security	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			
24.	PIT 43A	High Speed Networks	25	75	100
25.	PIT 43B	Optical and Satellite Communication	25	75	100
26.	PIT 43C	Component Technology	25	75	100
		PRACTICAL			
27.	**PIT 44**	**Practical – Network Lab**	**40**	**60**	**100**
28.	**PIT 45**	**Practical – Internet Programming Lab**	**40**	**60**	**100**
29.	**PIT 46**	**Practical – Graphics and Multimedia Lab**	**40**	**60**	**100**
30.	**PIT 47**	**Project Work / Dissertation and Viva Voce**	**25**	**75**	**100**

M.SC. MATHEMATICS

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	PMA 11	Algebra I	25	75	100
2.	PMA 12	Real Analysis I	25	75	100
3.	PMA 13	Ordinary Differential Equations	25	75	100
4.	PMA 14	Mechanics	25	75	100
		ELECTIVE (Choose any ONE A or B or C or D)			
5.	PMA 15A	Probability Theory	25	75	100
6.	PMA 15B	Mathematical Programming	25	75	100
7.	PMA 15C	Graph Theory	25	75	100
8.	PMA 15D	Reliability and Queueing Theory	25	75	100
		I YEAR (II SEMESTER)			
9.	PHR 20	Human Rights	25	75	100
10.	PMA 21	Algebra II	25	75	100
11.	PMA 22	Real Analysis II	25	75	100
12.	PMA 23	Partial Differential Equations	25	75	100
13.	PMA 24	Calculus of Variations and Integral Equations	25	75	100
		ELECTIVE (Choose any ONE A or B or C or D)			
14.	PMA 25A	Programming in C++ with Practical	15	45	60
15.	PMA 25B	Algebraic Number Theory	25	75	100
16.	PMA 25C	Operations Research	25	75	100
17.	PMA 25D	Elasticity and Plasticity	25	75	100
		PRACTICAL			
18.	**PMA 26A**	**Practical – Programming in C++ (Elective)**	**10**	**30**	**40**
		II YEAR (III SEMESTER)			
19.	PMA 31	Complex Analysis I	25	75	100
20.	PMA 32	Topology	25	75	100
21.	PMA 33	Differential Geometry	25	75	100
22.	PMA 34	Discrete Mathematics	25	75	100
		ELECTIVE (Choose any ONE A or B or C or D)			

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
23.	PMA 35A	Tensor Analysis and Relativity Theory	25	75	100
24.	PMA 35B	Analytic Number Theory	25	75	100
25.	PMA 35C	Fluid Dynamics	25	75	100
26.	PMA 35D	Actuarial Mathematics	25	75	100
		II YEAR (IV SEMESTER)			
27.	PMA 41	Complex Analysis II	25	75	100
28.	PMA 42	Functional Analysis	25	75	100
29.	PMA 43	Mathematical Statistics	25	75	100
30.	PMA 44	Difference Equations	25	75	100
		ELECTIVE **(Choose any ONE A or B or C or D)**			
31.	PMA 45A	Number Theory and Cryptography	25	75	100
32.	PMA 45B	Fuzzy Mathematics	25	75	100
33.	PMA 45C	Stochastic Processes	25	75	100
34.	**PMA 45D**	**Practical – Mathematical Softwares**	**40**	**60**	**100**

M.SC. PHYSICS

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	PPH 11	Mathematical Physics I	25	75	100
2.	PPH 12	Classical and Statistical Mechanics	25	75	100
3.	PPH 13	Quantum Mechanics I	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			
4.	PPH 14A	Electronic Devices and Applications	25	75	100
5.	PPH 14B	Electronics Instrumentation	25	75	100
6.	PPH 14C	Electronics Communication Systems	25	75	100
		I YEAR (II SEMESTER)			
7.	PHR 20	Human Rights	25	75	100
8.	PPH 21	Mathematical Physics II	25	75	100
9.	PPH 22	Electromagnetic Theory and Plasma Physics	25	75	100
10.	PPH 23	Quantum Mechanics II	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			
11.	PPH 24A	Nano Science	25	75	100
12.	PPH 24B	Fibre Optics	25	75	100
13.	PPH 24C	Non Linear Optics	25	75	100
		PRACTICAL			
14.	**PPH 25**	**Practical – General Experiments**	**40**	**60**	**100**
15.	**PPH 26**	**Practical – Electronics Experiments**	**40**	**60**	**100**
		II YEAR (III SEMESTER)			
16.	PPH 31	Spectroscopy	25	75	100
17.	PPH 32	Nuclear and Particle Physics	25	75	100
18.	PPH 33	Microprocessor and Microcontroller	25	75	100
		ELECTIVE (Choose any ONE A or B or C)			
19.	PPH 34A	Crystal Growth and Thin Films	25	75	100
20.	PPH 34B	Advanced Spectroscopy	25	75	100
21.	PPH 34C	Advanced Nuclear Physics	25	75	100
		II YEAR (IV SEMESTER)			

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
22.	PPH 41	Materials Science and Laser Physics	25	75	100
23.	PPH 42	Condensed Matter Physics	25	75	100
		ELECTIVE **(Choose any ONE A or B or C)**			
24.	PPH 43A	Advanced Microprocessor	25	75	100
25.	PPH 43B	C Programming and MATLAB	25	75	100
26.	PPH 43C	Numerical Methods and Programming in C	25	75	100
		PRACTICAL			
27.	**PPH 44**	**Practical – Advanced General Experiments**	**40**	**60**	**100**
28.	**PPH 45**	**Practical – Microprocessor, Microcontroller and C Programming**	**40**	**60**	**100**
29.	**PPH 46**	**Project with Viva Voce**	**100**	**-**	**100**

M.SC. ZOOLOGY

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		I YEAR (I SEMESTER)			
1.	PZO 11	Life and Diversity of Invertebrates	25	75	100
2.	PZO 12	Life and Diversity of Chordates	25	75	100
3.	PZO 13	Cell and Molecular Biology	25	75	100
		ELECTIVE (Choose any ONE A or B)			
4.	PZO 14A	Aquaculture and Farm Management (Elective)	25	75	100
5.	PZO 14B	Biostatistics and Bioinformatics (Elective)	25	75	100
		I YEAR (II SEMESTER)			
6.	PHR 20	Human Rights	25	75	100
7.	PZO 21	Genetics	25	75	100
8.	PZO 22	Environmental Biology	25	75	100
9.	PZO 23	Biotechnology	25	75	100
		ELECTIVE (Choose any ONE A or B)			
10.	PZO 24A	Endocrinology (Elective)	25	75	100
11.	PZO 24B	Biochemistry (Elective)	25	75	100
		PRACTICAL			
12.	**PZO 25**	**Practical I – Life and Diversity of Invertebrates Chordates and Cell and Molecular Biology**	**40**	**60**	**100**
13.	**PZO 26**	**Practical II – Genetics, Environmental Biology and Biotechnology**	**40**	**60**	**100**
14.	**PZO 27A**	**Practical – Endocrinology (Elective)**	**20**	**30**	**50**
15.	**PZO 27B**	**Practical – Biochemistry (Elective)**	**20**	**30**	**50**
		II YEAR (III SEMESTER)			
16.	PZO 31	Animal Physiology	25	75	100
17.	PZO 32	Developmental Biology	25	75	100
18.	PZO 33	Immunology	25	75	100
		ELECTIVE (Choose any ONE A or B)			
19.	PZO 34A	Fisheries Science (Elective)	25	75	100
20.	PZO 34B	Biophysics (Elective)	25	75	100

S.NO.	PAPER CODE	TITLE OF THE PAPER	CIA	UNI. EXAM	TOT
		II YEAR (IV SEMESTER)			
21.	PZO 41	Research Methodology	25	75	100
22.	PZO 42	Entomology	25	75	100
23.	PZO 43	Evolution **(Or)**	25	75	100
24.	**PZO 44**	**Project / Dissertation with Viva Voce**	**25**	**75**	**100**
		ELECTIVE **(Choose any ONE A or B)**			
25.	PZO 45A	Sericulture (Elective)	25	75	100
26.	PZO 45B	Microbiology (Elective)	25	75	100
		PRACTICAL			
27.	**PZO 46**	**Practical III – Animal Physiology Developmental Biology and Immunology**	**25**	**75**	**100**
28.	**PZO 47**	**Practical IV – Research Methodology Evolution and Entomology**	**25**	**75**	**100**
29.	**PZO 48A**	**Practical – Sericulture (Elective)**	**20**	**30**	**50**
30.	**PZO 48B**	**Practical – Microbiology (Elective)**	**20**	**30**	**50**

Note :

*** For those not choosing Project / Dissertation with Viva Voce, Main Paper Evolution is Compulsory**