

Session –2024- 2025 (Syllabus Unitization)

Semester – 1st

B.A/B.Sc /BBA/B.Com

Semester -- 1st

Subject: English (Compulsory)

Maximum Marks 100

Credit: 4-0-0

Pattern of Question Paper-There will be eight questions of equal marks (Specified in the syllabus), two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

Month Wise Division	Unitization of Syllabus
AUGUST	Section C Prose for Young Learners 1. On Spendthrifts 2. The Power of Women 3. A Dialogue on Democracy 4. Universal Declaration of Human Rights
SEPTEMBER	Section A & B Grammar Units -- 1 to 25 and 38 to 41 Paragraph Writing Prose for Young Learners Section C Symptoms Section D Beauty and the Beast
OCTOBER & NOVEMBER	Section A & B Grammar Units -- 26 to 37 and 42 to 48 Section D Prose for Young Learners 1. With a Song on their Lips 2. My Financial Careers 3. The School for Sympathy 4. AIDS

Texts Prescribed:-

1. *Prose for Young Learners* (Guru Nanak Dev University, Amritsar)
2. *English Grammar in Use* (Fifth Edition) by Raymond Murphy, CUP

B.A. /BCom/B.Sc. (Semester System)
SEMESTER-1st
Subject-ਲਾਜ਼ਮੀ ਪੰਜਾਬੀ
M.Marks:100
Credit: 4-0-0

Pattern of Question Paper-ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੇ ਚਾਰ ਭਾਗ ਹੋਣਗੇ। ਹਰੇਕ ਭਾਗ ਵਿੱਚੋਂ ਦੋ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਹਰੇਕ ਭਾਗ ਵਿੱਚੋਂ ਇੱਕ ਪ੍ਰਸ਼ਨ ਕਰਨਾ ਲਾਜ਼ਮੀ ਹੈ। ਪੰਜਵਾਂ ਪ੍ਰਸ਼ਨ ਕਿਸੇ ਵੀ ਭਾਗ ਵਿੱਚੋਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ। ਸਾਰੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਦਸ ਅੰਕ ਹਨ।

MONTH WISE DIVISION	SYLLABUS UNITISATION
AUGUST	<p>Section A: ਭਾਈ ਵੀਰ ਸਿੰਘ ਰੌਂਚਰੁੱਖ, ਸਮਾਂ, ਇੱਛਾਬਲ ਤੇ ਡੂੰਘੀਆਂ ਸ਼ਾਮਾਂ, ਧਨੀਰਾਮ ਚਾਤ੍ਰਕ ਰਾਧਾ ਸੰਦੇਸ਼, ਸਿਦਕਾਂ ਵਾਲਿਆਂ ਦੇ ਬੇਡੇ ਪਾਰ ਨੇ, ਪ੍ਰੇ ਪੂਰਨ ਸਿੰਘ ਪੁਰਾਣੇ ਪੰਜਾਬ ਨੂੰ ਆਵਾਜ਼ਾਂ</p> <p>Section: B ਅੰਮ੍ਰਿਤਾ ਸ਼ੇਰ ਗਿੱਲ, ਕੇ ਐਲ ਸਹਿਗਲ</p> <p>Section C: ਪੈਰਾ ਰਚਨਾ, ਪੈਰਾ ਪੜ੍ਹ ਕੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ</p>
SEPTEMBER	<p>Section A: ਫ਼ਿਰੋਜ਼ਦੀਨ ਸ਼ਰਫ਼ ਦੀ ਕਵਿਤਾ ਕੁਰਬਾਨੀ, ਖੈਰ ਪੰਜਾਬੀ ਦੀ, ਪ੍ਰੋਫੈਸਰ ਮੋਹਨ ਸਿੰਘ ਦੀ ਕਵਿਤਾ ਆਓ ਨੱਚੀਏ, ਨਵਾਂ ਕੌਤਕ, ਨੰਦਲਾਲ ਨੂਰਪੁਰੀ ਦੀ ਕਵਿਤਾ ਚੁੰਮ ਚੁੰਮ ਰੱਖੋ, ਮਜ਼ਦੂਰ</p> <p>Section B: ਬੜੇ ਗੁਲਾਮ ਅਲੀ ਖਾਂ, ਸੋਭਾ ਸਿੰਘ</p> <p>Section D: ਭਾਸ਼ਾ ਵੰਨਗੀਆਂ, ਭਾਸ਼ਾ ਦਾ ਟਕਸਾਲੀ, ਰੂਪ ਭਾਸ਼ਾ ਦੀ ਉਪਭਾਸ਼ਾ ਵਿੱਚ ਅੰਤਰ</p>
OCTOBER & NOVEMBER	<p>Section A: ਅੰਮ੍ਰਿਤਾ ਪ੍ਰੀਤਮ ਦੀ ਕਵਿਤਾ ਬਾਰਾਮਾਂਹ, ਸੰਜੇਗ ਵਿਜੇਗ, ਡਾ ਹਰਿਭਜਨ ਸਿੰਘ ਦੀ ਕਵਿਤਾ ਤੇਰੇ ਹਜ਼ੂਰ ਮੇਰੀ ਹਾਜ਼ਰੀ ਦੀ ਦਾਸਤਾਨ ਸ਼ਿਵ ਕੁਮਾਰ ਬਟਾਲਵੀ ਦੀ ਕਵਿਤਾ ਬਿਰਹੋਂ ਦੀ ਰੜਕ ਤੇ ਜ਼ਖਮ, ਸੁਰਜੀਤ ਪਾਤਰ ਦੀ ਕਵਿਤਾ ਚੌਕ ਸ਼ਹੀਦਾਂ ਚਉਸ ਦਾ ਆਖਰੀ ਭਾਸ਼ਣ</p> <p>Section B: ਪ੍ਰਿਥਵੀਰਾਜ ਕਪੂਰ, ਭਾਈ ਸਮੁੰਦ ਸਿੰਘ</p> <p>Section C: ਪੈਰਾ ਰਚਨਾ ਤੇ ਪੈਰਾ ਪੜ੍ਹ ਕੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਦਾ ਅਭਿਆਸ</p> <p>Section D: ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਪਛਾਣ ਚਿੰਨ੍ਹ, ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਨਿਕਾਸ ਤੇ ਵਿਕਾਸ</p>

Prescribed Book:-

Section A:
ਦੇ ਰੰਗ, ਸੰਪਾ.ਡਾ ਹਰਜਿੰਦਰ ਸਿੰਘ ਢਿੱਲੋਂ ਤੇ ਪ੍ਰੀਤਮ ਸਿੰਘ, ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ ।

Section B:
ਪੰਜਾਬ ਦੇ ਮਹਾਨ ਕਲਾਕਾਰ (ਸੰਪਾ ਬਲਵੰਤ ਗਾਰਗੀ) ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ ਅੰਮ੍ਰਿਤਸਰ

B.A. /BCom/B.Sc. (Semester System)

SEMESTER-1st

Subject-ਮੁੱਢਲੀ ਪੰਜਾਬੀ

M.Marks:100

Credit:4-0-0

Pattern of Question Paper-ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੇ ਚਾਰ ਭਾਗ ਹੋਣਗੇ। ਹਰੇਕ ਭਾਗ ਵਿੱਚੋਂ ਦੋ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਹਰੇਕ ਭਾਗ ਵਿੱਚੋਂ ਇੱਕ ਪ੍ਰਸ਼ਨ ਕਰਨਾ ਲਾਜ਼ਮੀ ਹੈ। ਪੰਜਵਾਂ ਪ੍ਰਸ਼ਨ ਕਿਸੇ ਵੀ ਭਾਗ ਵਿੱਚੋਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ। ਸਾਰੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਦਸ ਅੰਕ ਹਨ।

MONTH WISE DIVISION	SYLLABUS UNITISATION
AUGUST	Section A: ਪੈਂਤੀ ਅੱਖਰੀ, ਅੱਖਰ ਕ੍ਰਮ, ਪੈਰ ਬਿੰਦੀ ਵਾਲੇ ਵਰਣ ਅਤੇ ਪੈਰ ਵਿੱਚ ਪੈਣ ਵਾਲੀ ਵਰਣ ਤੇ ਮਾਤਰਾਵਾਂ (ਮੁੱਢਲੀ ਜਾਣ ਪਛਾਣ Section B: ਲਗਾਖਰ, ਬਿੰਦੀ, ਟਿੱਪੀ, ਅੱਧਕ: ਪਛਾਣ ਅਤੇ ਵਰਤੋਂ, ਹਫ਼ਤੇ ਦੇ ਸੱਤ ਦਿਨਾਂ ਦੇ ਨਾਮ
SEPTEMBER	Section C: ਪੰਜਾਬੀ ਸ਼ਬਦ ਬਣਤਰ, ਸਧਾਰਨ ਸ਼ਬਦ, ਸੰਯੁਕਤ ਸ਼ਬਦ, ਮੂਲ ਸ਼ਬਦ, ਅਗੇਤਰ ਅਤੇ ਪਿਛੇਤਰ, ਬਾਰਾਂ ਮਹੀਨਿਆਂ ਦੇ ਨਾਮ, ਰੁੱਤਾਂ ਦੇ ਨਾਮ
OCTOBER & NOVEMBER	Section D: ਨਿੱਤ ਵਰਤੋਂ ਦੀ ਪੰਜਾਬੀ ਸ਼ਬਦਾਵਲੀ, ਬਾਜ਼ਾਰ, ਵਪਾਰ ਗਿਆਨ, ਖੇਤੀ ਅਤੇ ਹੋਰ ਧੰਦਿਆਂ ਆਦਿ ਨਾਲ ਸਬੰਧਤ, ਇਕ ਤੋਂ ਸੌ ਤਕ ਗਿਣਤੀ ਸ਼ਬਦਾਂ ਵਿਚ

Prescribed Book:-

*ਕਸਤੂਰੀ ਲਾਲ ਐਂਡ ਸੰਨਸ ਮੁੱਢਲੀ ਪੰਜਾਬੀ ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ।

*ਮਿੰਨੀ ਸਲਵਾਨ, ਪੰਜਾਬੀ ਵਿਆਕਰਨ: ਮੁੱਢਲੇ ਸੰਕਲਪ, ਰਵੀ ਸਾਹਿਤ ਪ੍ਰਕਾਸ਼ਨ ਅੰਮ੍ਰਿਤਸਰ।

*ਬੂਟਾ ਸਿੰਘ ਬਰਾੜ, ਪੰਜਾਬੀ ਵਿਆਕਰਨ: ਸਿਧਾਂਤ ਅਤੇ ਵਿਹਾਰ ਚੇਤਨਾ ਪ੍ਰਕਾਸ਼ਨ, ਲੁਧਿਆਣਾ।

B.A/B.Com/B.Sc
SEMESTER-I
Subject- Subject-Punjab History & Culture
(From Earliest Times to C.320)
M.Marks:100
Credit: 4

Pattern of Question Paper-There will be eight questions of equal marks (Specified in the syllabus), two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

MONTH WISE DIVISION	SYLLABUS UNITISATION
AUGUST	Section A: Physical features of the Punjab and its impact on history. .Sources of the ancient history of Punjab Section B: Harappa Civilization: Origin and extent Town planning: social, economic and religious life of the Indus Valley People.
SEPTEMBER	Section B: The Indo- Aryans: Original home and settlements in Punjab. Section C: Social, Religious and Economic Life during Rig Vedic Age.
OCTOBER & NOVEMBER	Section C: Social, Religious and Economic Life during Later Vedic Age. Section D: Teachings and impact of Buddhism. Jainism in the Punjab.

Prescribed Book:-

Name- History and Culture of Punjab

Author-Raghunath Rai

Publisher-New Academic Publishing Company

Class-BA/BSc (Eco), BSc (CS) Semester – 1st
Subject --Drug Abuse: Problem, Management and Prevention

M.Marks:50

Credit: 2-0-0

Pattern of Question Paper-There will be eight questions of equal marks (Specified in the syllabus), two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

Month Wise Division	Unitization of Syllabus
AUGUST	<p>Meaning of Drug Abuse:</p> <p>1. Meaning Nature and Extent of Drug Abuse in india and Punjab</p> <p>2. Consequences of Drug Abuse for :</p> <p>Individual- Education, Employment, Income</p> <p>Family -Violence</p> <p>Society -Crime</p> <p>Nation -Law and Order Problem</p> <p>Management of Drug Abuse:</p> <p>3. Medical Management: Medication for treatment and to reduce withdrawal effects.</p>
SEPTEMBER	<p>4. Psychiatric Management: Counselling, Behavioural and Cognitive therapy.</p> <p>5. Social Management: Family, Group therapy and Environmental Intervention, Rehabilitazion.</p> <p>Prevention of Drug Abuse:</p> <p>6. Role of family: Parent child relationship, Family support , Supervision, Shaping values, Active scrutiny.</p>
OCTOBER & NOVEMBER	<p>7. School: Counselling, Teacher as role model, Parent- Teacher - Health Professional Coordination, Random testing on students. students</p> <p>Controlling Drug Abuse:</p> <p>8. Media Restraint on advertisements of drugs, advertisements on bad effects of drug, publicity and media, Campaigns against drug abuse, Educational and awareness program.</p> <p>9. Legislation: NDPS Act, Statutory warnings, Policing of Borders, Checking Supply/ Smuggling of Drugs, Strict enforcement of laws, Time bound trials.</p>

Books Prescribed:

Book Name - Drug Abuse: problem management and prevention

Author Name - Sharma Rajiv

Apex Publication

B.A Semester -1st
Subject -- Elective English
Maximum Marks – 100
Credit: 4-1-0

Pattern of Question Paper-There will be eight questions of equal marks (Specified in the syllabus), two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

Month Wise Division	Unitization of Syllabus
AUGUST	<p>Section A Transcription Symbols of Consonants</p> <p>Sections B and C Poems 1. My Mistress Eyes are Nothing Like the Sun 2. To the Virgins, to Make Much of Time 3. On His Blindness 4. Ode on Solitude 5. The Daffodils 6. Ozymandias 7. The Road Not Taken</p> <p>Section D Play --- The Doll's House – Act – I</p>
SEPTEMBER	<p>Section A Transcription Symbols of Vowels and transcription of the words of the prescribed list comb, crèche, dose, gauge, ghost, castle, gross, mauve, sure, sample, wolf, wool, arch, off, of, door, stair, what, cough, clerk, tooth, yak, yawn, sing, tongue.</p> <p>Literary Terms Ballad, Character and Comedy</p> <p>Section D Play – The Doll's House – Act – II and III</p>
OCTOBER & NOVEMBER	<p>Section A Literary Terms Conceit, Epic, Irony, Plot and Paradox Transcription Practice of more words</p> <p>Sections B & C Poems 1. The Sun Rising 2. The Chimney Sweeper 3. A Red, Red Rose 4. To Autumn 5. My Last Duchess 6. To the Indians Who Died in 1. South Africa</p>

Prescribed Books:

- *A Doll's House* by Henrik Ibsen (preferably Penguin Classics Edition)
- *Spots of Time* G.N.D.U. Amritsar
- *Glossary of Literary Terms* by M.H. Abrams, Wadsworth CENGAGE Learning Publishers, 8th Edition, 2008.

B.A. /B.Sc. (Semester System)
SEMESTER-1st
Subject-ਇਲੈਕਟਿਵ ਪੰਜਾਬੀ
M.Marks:100
Credit: 4-1-0

Pattern of Question Paper-ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੇ ਚਾਰ ਭਾਗ ਹੋਣਗੇ। ਹਰੇਕ ਭਾਗ ਵਿੱਚੋਂ ਦੋ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਹਰੇਕ ਭਾਗ ਵਿੱਚੋਂ ਇੱਕ ਪ੍ਰਸ਼ਨ ਕਰਨਾ ਲਾਜ਼ਮੀ ਹੈ। ਪੰਜਵਾਂ ਪ੍ਰਸ਼ਨ ਕਿਸੇ ਵੀ ਭਾਗ ਵਿੱਚੋਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ। ਸਾਰੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਦਸ ਅੰਕ ਹਨ।

MONTH WISE DIVISION	SYLLABUS UNITISATION
AUGUST	<p>Section A: ਭਾਈ ਵੀਰ ਸਿੰਘ, ਧਨੀ ਰਾਮ ਚਾੜ੍ਹਕ, ਪ੍ਰੇ ਪੂਰਨ ਸਿੰਘ, ਫਿਰੋਜ਼ਦੀਨ ਸ਼ਰਫ, ਪ੍ਰੇ ਮੋਹਨ ਸਿੰਘ, ਨੰਦਲਾਲ ਨੂਰਪੁਰੀ, ਬਾਵਾ ਬਲਵੰਤ, ਪ੍ਰੀਤਮ ਸਿੰਘ ਸਫੀਰ, ਅੰਮ੍ਰਿਤਾ ਪ੍ਰੀਤਮ, ਡਾ ਹਰਭਜਨ ਸਿੰਘ</p> <p>Section B: ਭਾਰਤੀ ਕਾਵਿ ਸ਼ਾਸਤਰ ਵਿੱਚੋਂ ਧੁਨੀ ਸੰਪਰਦਾਇ, ਰਸ ਸੰਪਰਦਾਇ, ਅਲੰਕਾਰ ਸੰਪਰਦਾਇ</p>
SEPTEMBER	<p>Section A: ਜਸਵੰਤ ਸਿੰਘ ਨੇਕੀ, ਐੱਸਐੱਸ ਮੀਸ਼ਾ, ਡਾ ਜਗਤਾਰ ਜਸਬੀਰ ਸਿੰਘ ਆਹਲੂਵਾਲੀਆ, ਸ਼ਿਵ ਕੁਮਾਰ ਬਟਾਲਵੀ, ਨਵਤੇਜ ਭਾਰਤੀ, ਮੋਹਨਜੀਤ, ਸੁਖਪਾਲਵੀਰ ਹਸਰਤ, ਸੰਤ ਰਾਮ ਉਦਾਸੀ, ਲਾਲ ਸਿੰਘ ਦਿਲ, ਸੁਰਜੀਤ ਪਾਤਰ, ਅਮਰਜੀਤ ਚੰਦਨ, ਅਨੂਪ ਵਿਰਕ</p> <p>Section C: ਪੰਜਰ ਨਾਵਲ ਵਿਚ ਲੇਖਿਕਾ ਅੰਮ੍ਰਿਤਾ ਪ੍ਰੀਤਮ ਦਾ ਜੀਵਨ ਤੇ ਰਚਨਾ, ਵਿਸ਼ਾ ਵਸਤੂ, ਬਿਰਤਾਂਤਕ ਜੁਗਤਾਂ ਅਤੇ ਪਾਤਰ ਉਸਾਰੀ</p>
OCTOBER & NOVEMBER	<p>Section A: ਅਵਤਾਰ ਸਿੰਘ ਪਾਸ਼, ਮਨਜੀਤ ਇੰਦਰਾ, ਗੁਰਭਜਨ ਗਿੱਲ, ਲਖਵਿੰਦਰ ਜੌਹਲ, ਵਿਜੇ ਵਿਵੇਕ, ਮਨਮੋਹਨ ਅਤੇ ਸੁਖਵਿੰਦਰ ਅੰਮ੍ਰਿਤ</p> <p>Section D: ਅਰਥ ਵਿਗਿਆਨ ਪਰਿਭਾਸ਼ਾ, ਸੁਫੇਟ ਅਤੇ ਅਪੋਹ ਸਿਧਾਂਤ, ਅਰਥ ਆਧਾਰਿਤ ਸ਼ਬਦ ਵੰਨਗੀਆ, ਬਹੁ ਅਰਥਕ, ਸਮਾਨਾਰਥਕ, ਵਿਰੋਧ ਆਰਥਕ, ਸ਼ਬਦ, ਅਰਥ ਪਰਿਵਰਤਨ</p>

Prescribed Book:-

Section A:

1. ਕਾਵਿ ਰੰਗ, (ਸੰਪਾਦਕ ਡਾ ਦਰਿਆ ਤੇ ਡਾ ਮਨਜਿੰਦਰ ਸਿੰਘ)

Section B:

2. ਪੰਜਰ (ਨਾਵਲ) ਅੰਮ੍ਰਿਤਾ ਪ੍ਰੀਤਮ

स्नातकोत्तर हिन्दी विभाग
कक्षा – बी.ए.सेमेस्टर –I
विषय – हिन्दी (Elective)
Credit: 4-1-0
M.Marks:100

आवश्यक निर्देश – पाठ्यक्रम में निर्दिष्ट समान अंकों के 8 प्रश्न होंगे, जो चार खंडों (ए-डी) में विभाजित होंगे। प्रश्नोंको उपभागों में (चार से अधिक नहीं) विभाजित किया जा सकता है। विद्यार्थी को प्रत्येक खंड में से एक प्रश्न हल करना आवश्यक होगा। कुल पाँच प्रश्नों के उत्तर देने अनिवार्य होंगे। पांचवा प्रश्न किसी भी खंड में से हल किया जा सकता है।

MONTH WISE DIVISION	UNITISATION OF SYLLABUS
JULY & AUGUST	काव्य कुंज
SEPTEMBER	काव्य कुंज
OCTOBER & NOVEMBER	<ul style="list-style-type: none">➤ संज्ञा : परिभाषा, प्रकार, सिद्धांत और व्यवहार➤ सर्वनाम : परिभाषा, प्रकार, सिद्धांत और व्यवहार➤ विशेषण : परिभाषा, प्रकार, सिद्धांत और व्यवहार➤ क्रिया : परिभाषा, प्रकार, सिद्धांत और व्यवहार➤ अनुवाद शब्दावली➤ पत्रलेखन (पारिवारिक, शैक्षिक, प्रार्थना-पत्र, निमंत्रण-पत्र, आत्म-परिचय) : सिद्धांत और व्यवहार

सहायक पुस्तकें

1. पुस्तक का नाम - काव्य कुंज
लेखक/संपादक – प्रो. सुधा जितेन्द्र
प्रकाशक – गुरु नानक देव यूनिवर्सिटी, अमृतसर।
2. पुस्तक का नाम – आदर्श हिन्दी व्याकरण
लेखक – डॉ. हरमोहन लाल सूद
प्रकाशक – वागीश प्रकाशन, जालंधर।

Bachelor of Arts (Honours)/Bachelor of Science (Honours) Hindi (Elective)
(CBGS) (Under NEP 2020) (Batch 2024-28) (Semester I-VIII)
(Faculty of Languages)

vupln l zlh l kll: 'knoyh

S.No.		
1.	Advertisement	विज्ञापन
2.	Academic	शैक्षणिक
3.	Attached	संलग्न
4.	Administration	प्रशासन
5.	Action	कार्यवाही
6.	Balance	संतुलन
7.	Acceptance	स्वीकृति
8.	Assurance	आश्वासन
9.	Bond	बंध पत्र / शपथ पत्र
10.	Bonafide	वास्तविक
11.	Board	मण्डल / परिषद्
12.	Capacity	क्षमता
13.	Confidential	गोपनीय
14.	Correspondence	पत्र व्यवहार / पत्राचार
15.	Communication	संचार
16.	Corporation	निगम
17.	Commission	आयोग
18.	Census	जनगणना
19.	Consumer	उपभोक्ता
20.	Constitution	संविधान
21.	Casual Leave	आकस्मिक अवकाश
22.	Democracy	लोकतंत्र / प्रजातंत्र
23.	Document	दस्तावेज
24.	Enrollment	नामांकन
25.	Estimate	आकलन
26.	Faculty	विभाग / संकाय
27.	Forwarded	अग्रसारित
28.	Governor	राज्यपाल
29.	Honorary	अवैतनिक
30.	Homage	श्रद्धांजलि
31.	Honorable	माननीय
32.	Illegal	अवैध
33.	Incharge	प्रभारी
34.	Initiative	पहल
35.	Inauguration	उद्घाटन
36.	Increment	वेतनवृद्धि
37.	Inspection	निरीक्षण
38.	Interference	हस्तक्षेप
39.	Joint	संयुक्त
40.	Junior	कनिष्ठ
41.	Majority	बहुमत / बहुसंख्यक
42.	Minor	नाबालिग
43.	Member of Parliament	संसद सदस्य
44.	Neutral	तटस्थ
45.	Notification	अधिसूचना
46.	Original	मौलिक
47.	Option	विकल्प

Bachelor of Arts (Honours)/Bachelor of Science (Honours) Hindi (Elective)
(CBGS) (Under NEP 2020) (Batch 2024-28) (Semester I-VIII)
(Faculty of Languages)

48.	Provident Fund	भविष्य निधि
49.	Ratio	अनुपात
50.	Registration	पंजीयन
51.	Revision	पुनरीक्षण
52.	Superintendent	अधीक्षक
53.	Secretary	सचिव
54.	Training	प्रशिक्षण
55.	Transfer	स्थानांतरण
56.	Vacancy	रिक्त स्थान
57.	witness	साक्ष्य / गवाह
58.	Zonal	क्षेत्रीय
59.	Uniformity	एकरूपता
60.	Unavoidable	अपेहिहार्य

Class – BA I Semester

Subject: Computer Applications(Vocational)

Paper: COMPUTER FUNDAMENTALS & PC SOFTWARE

M.Marks: 100 (75 Theory+25 Practical)

Credit:3-0-1

Pattern of Question Paper-There will be eight questions of equal marks (Specified in the syllabus), two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

MONTH WISE DIVISION	SYLLABUS UNITISATION
AUGUST	SECTION-A Introduction to Computer, Generations of Computers, Classification of Computers, Computer Applications: Computer as a system, basic concepts – hardware and software, functional units, and their interrelation. Block diagram showing Central Processing Unit, Memory, and Input/Output Devices. Communication devices. SECTION-B Software: System software and Application software. Programming languages. Hardware: Input Devices- Keyboard, mouse, pens, touch screens, Bar Code reader, joystick, source data automation, (MICR, OMR, OCR), screen assisted data entry: portable/handheld terminals for data collection, voice recognition systems
SEPTEMBER	SECTION-B Output Devices: Display Monitors, Printers, Impact Printers, Non-impact Printers, Plotters, Voice Output Systems, Projectors, Terminals. Storage Devices: Concept of storage units (bit, byte, KB, MB etc.), Primary storage, Secondary storage, Magnetic storage devices, and Optical Storage Devices. SECTION-C Operating System: meaning, purpose, Windows GUI, Command-line, Powershell overview. File Explorer. Microsoft (MS) Office: download and install; different components Word Processing using Microsoft (MS) Word: Overview, creating, saving, opening, importing, exporting and inserting files, formatting pages, paragraphs and sections, indents and outdents, creating lists and numbering. headings, styles, fonts and font size; editing, positioning, and viewing texts; finding and replacing text; inserting page breaks, page numbers, bookmarks, symbols, and dates; using tables, header, footer, macros, mail-merge; printing setup
OCTOBER & NOVEMBER	SECTION-D Presentations using MS Powerpoint: Presentation overview, entering information, presentation creation, opening and saving presentation; inserting audio and video, shapes, different views, formatting; playing slides. Spreadsheets using MS Excel: Spreadsheet overview, Editing, Formatting, freeze panes, using formulas and functions, sorting and filtering, pivot tables, charts and Graphs.

Prescribed Book

Book Name – Fundamentals of Computers and Information Technology

Author –Puneet Kumar

Publisher –Kalyani Publication

Semester-I

Computer Fundamentals & PC Software

(Practical)

M. Marks: 25

Time: 3 Hours

Credits

L-T-P

0-0-1

(30Hrs)

Instructions for the examiners: -

Two questions of equal marks strictly as per the syllabus and based on the practical exercises covered in the semester. Questions may be subdivided into parts (not exceeding four). Candidates will attempt ONE question, explain their answer by writing on the answer sheet, and then implement the same on the computer. Examiner will evaluate both the answers (theory as well as practical). The viva should also be conducted alongside, and the student is asked viva questions related to the question and the solution he/she is working on during the exam.

Students will prepare a report after analyzing print and social media advertisements along with the local market survey to understand the desktop/laptop vendors and prices. Arrange the options available as per price/performance preferences

Lab exercises based on:

- Practice the Windows Operating System command line and the GUI for user interaction, personalization, and file management
- Document preparation with Word using the features mentioned in the syllabus
- Spreadsheet processing with Excel using the features mentioned in the syllabus
- Presentation preparation with PowerPoint using the features mentioned in the syllabus

B.A SEMESTER-I
Subject: POLITICAL SCIENCE
Paper: PRINCIPLES OF POLITICAL SCIENCE
M.Marks:100
Credit: 4-0-0

Pattern of Question Paper-There will be eight questions of equal marks (Specified in the syllabus), two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

MONTH WISE DIVISION	SYLLABUS UNITISATION
AUGUST	<ul style="list-style-type: none">• Political Science: Meaning, Nature and Scope, Traditional & Modern View.• Relationship of Political Science with Economics, History, Sociology and Psychology.• State: Definition, Elements and its distinction from Government and Society.• Theories of the Origin of State: Social Contract, Historical/Evolutionary and Marxian Theory.
SEPTEMBER	<ul style="list-style-type: none">• State: Marxian Perspective, Gandhian Perspective.• Nature of State: Welfare State, Developmental State• Sovereignty: Definition, Attributes and Types of Sovereignty.
OCTOBER & NOVEMBER	<ul style="list-style-type: none">• Theories of Sovereignty: Monistic and Pluralistic.• Determinants of Political Participation, Types of Political Representation.

Prescribed Book:-

Name of the Book- Principles of Political Science

Author Name- J.S. Badyal

Publishers- Raj Publications

B.A SEMESTER–1st
Subject-PUBLIC ADMINISTRATION
Paper- ADMINISTRATIVE THEORY
Credit: 4-0-0
M.Marks:100

Pattern of Question Paper-There will be eight questions of equal marks (Specified in the syllabus), two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

MONTH WISE DIVISION	SYLLABUS UNITISATION
AUGUST	<p>Unit-I Public Administration– Meaning, nature and scope; Public Administration as an Art and aScience, Distinguish between Public Administration and Private Administration, Relationship ofPublic Administration with other social sciences–Political Science, Sociology, Economics, andLaw. New Public Management: meaning and features.</p>
SEPTEMBER	<p>Unit-II Organization–Meaning, Formal and Informal Organisation. Basic Principles of Organisation– Hierarchy, Span of control, Unity of Command; Centralization and Decentralization. Delegation, Coordination and Supervision.</p>
OCTOBER & NOVEMBER	<p>Unit-III Forms of Organization- Department, Public Corporation, Independent Regulatory Commission, Delegated Legislation, Administrative Tribunals. Chief Executive– Meaning, Types & Functions, Line and Staff Agencies. Unit-IV Administrative Behaviour– Leadership, Communication, Decision making. Control over Administration- Legislative, Executive, Judicial and citizens.</p>

Prescribed Book-

Name- Public Administration

Writer- Dr. Pundrik Ojha

Publisher – Raj Publisher, Jalandhar

B.A Semester-I
Subject - HOME SCIENCE (THEORY)
(FAMILY RESOURCE MANAGEMENT & HYGIENE)

M.Marks:75

Credit: 3-0-0

Pattern of Question Paper- There will be Eight questions of equal marks (Specified in the syllabus) two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

MONTH WISE DIVISION	SYLLABUS UNITISATION
AUGUST	<p>SECTION – A</p> <ol style="list-style-type: none"> 1. Home: Meaning and importance of Home Science 2. Functions of Home: Renting v/s owning 3. Selection of site, soil, locality for a house 4. Principles of planning a house, orientation aspect, prospect, Privacy, roominess, grouping, flexibility, circulation, sanitation, Furniture requirement and practical considerations. <p>SECTION - B</p> <ol style="list-style-type: none"> 5. Elements of Art: line, form, shape, texture, size.
SEPTEMBER	<ol style="list-style-type: none"> 6. Principles of Art in relation to interior decoration, Harmony, Balance, Rhythm, Proportion and Emphasis. Use of color in Interior Decoration for various rooms. <ul style="list-style-type: none"> • Color schemes • Color wheel • Characteristic of color 7. Color <p>SECTION - C</p> <ol style="list-style-type: none"> 8. Hygiene <ol style="list-style-type: none"> a) Definition of hygiene. b) Definition of infection, sources, carrier and control. c) Definition and types of Immunity
OCTOBER & NOVEMBER	<ol style="list-style-type: none"> 9. Causes and Spread of following Diseases <ol style="list-style-type: none"> a) Caused by insects–malaria, dengue. b) Conveyed by ingestion–Enteric fever, Jaundice, Dysentery, and Diarrhea. c) Spread by droplet infection, chicken pox, measles, and mumps tuberculosis. d) Sexually transmitted diseases–AIDS. <p>SECTION - D</p> <ol style="list-style-type: none"> 10. Food Hygiene <ol style="list-style-type: none"> a) Food Hygiene – Definition b) Hygiene during preparation, service and storage of food. c) Food poisoning, causes and prevention. d) Purification and storage of Water for home.

Prescribed Books:-

Book Title

1. Home Furnishing
2. Family Resource Management & Health Science
3. A text book of Home Management and Physiology
4. Hygiene and Public Health

Author

Rutt, Anna Hong
Dr. Rajwinder K. Randhawa
Sushma Gupta, Neeru Garg, Amita Bedi, Yashpal

5. Textbook of Health Education
6. Textbook of Home Science

Ramachandran, I.
Neelam Garewal

B.A SEMESTER-I
Subject: HOME SCIENCE (Practical)
(FAMILY RESOURCE MANAGEMENT & HYGIENE)
Credit: 0-0-2
M.Marks:50

Pattern of Question Paper: There will be three questions from the syllabus. The division of marks will be as follows:

Menu Planning & Table Layout	10 Marks
Rangoli	10 Marks
Color schemes/textured sheet.	15 Marks
File and viva	15 Marks

<u>MONTH WISE DIVISION</u>	<u>SYLLABUS UNITISATION</u>
AUGUST	1 Colour Wheel, Colour Schemes– Monochromatic, Analogous and Complementary. 2. Textures: Prepare any five textured sheets (eg. Poster Colors, Crayons, Fevicol, Spray, Stencil, Thread Pulling, etc). Prepare One decorative article using textures (eg. Table napkin, Table mat, Runner)
SEPTEMBER	3. Table laying: Table Manners, Napkin Folding and Table setting. <ul style="list-style-type: none"> • Breakfast • Lunch • Dinner • Buffet 4. Card Designing : Preparing menu card/invitation cards for the following : - <ul style="list-style-type: none"> • Birthday • Party • Festival
OCTOBER & NOVEMBER	5. Rangoli/Alpana : Rangoli for different Occasions (any Festival, house warming)

B.A SEMESTER-I
SUBJECT - FASHION DESIGNING (THEORY)
M.Marks: 50
Credit: 2-0-0

Pattern of Question Paper-There will be eight questions of equal marks (Specified in the syllabus) for theory paper,two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

MONTH WISE DIVISION	SYLLABUS UNITISATION
AUGUST	<p>UNIT – I</p> <ul style="list-style-type: none"> • Fashion Terminology- Fashion, Fad, Style, Classic fashion, Fashion trends, Haute couture, Prêt-a porter, Mass production <p>UNIT II</p> <ul style="list-style-type: none"> • Fashion Cycle, Broken Fashion Cycle.
SEPTEMBER	<ul style="list-style-type: none"> • Factors Affecting Fashion Cycle. <p>UNIT – III</p> <ul style="list-style-type: none"> • Origin of Fashion. • Theories of Fashion Adoption
OCTOBER & NOVEMBER	<p>UNIT – IV</p> <p>Components of Fashion-</p> <ul style="list-style-type: none"> • Line • Color • Texture

Prescribed Book:-

Study Material will be provided by the Department

B.A SEMESTER-I
FASHION DESIGNING AND GARMENT CONSTRUCTION (VOCATIONAL)
SCALE DRAWING AND GARMENT CONSTRUCTION (PRACTICAL)
M.Marks: 50
Credit: 0-0-2

Pattern of Question Paper:

1. Construction of any one sample from section A.
2. Two questions from Part B.
3. File Work.

MONTH WISE DIVISION	SYLLABUS UNITISATION
AUGUST	<p>SECTION – A</p> <ol style="list-style-type: none"> 1. Sewing machine- Parts, Care & use 2. Make samples of the followings <p>Basting, Hemming, Running, Back stitch, Buttonhole fasteners. Seams-Plain seam, Plain seam with top stitching, French seam, Run 'n' fell, Counter Seam. Seam finishers- blanket stitch, over stitch, pinking, overcasting. Finishes of neckline-facing & binding Pleats- knife, box, inverted box.</p>
SEPTEMBER	<p>SECTION – A</p> <p>Placket-one piece, continuous. Pocket-patch, cross pocket. Tucks- pin, cross, shell, space. Gathers</p> <p>3. Drafting and construction</p> <p>(a) Drafting and construction of basic bodice block and sleeve block.</p> <p>SECTION – B</p> <p>4. Illustrations:</p> <ol style="list-style-type: none"> 1 Basic block figure 2. Distribution of weight 3. Flesh figure
OCTOBER & NOVEMBER	<p>SECTION – B</p> <ol style="list-style-type: none"> 4. Formulae of hand and feet 5. Formulae of face 6. Legs formulae 7. Necklines and Collars 8. Sleeves and Cuffs 9. Skirts- Pleats, gathers, frills, fringes

B.A SEMESTER-I
Subject -SOCIOLOGY
M.Marks:100
Credit: 4

Pattern of Question Paper-There will be eight questions of equal marks (Specified in the syllabus), two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

MONTH WISE DIVISION	SYLLABUS UNITISATION
AUGUST	Section-A: a) Sociology- meaning, nature, importance and scope b)Sociology and Social Sciences Section-D: Socialization: meaning, process, agencies and theories of self (C.H. Cooley and Sigmond Freud, Georgeb Herbert Mead)
SEPTEMBER	Section-C: Social Groups- definition, characteristics and types- primary and secondary, ingroups, out groups, reference groups
OCTOBER & NOVEMBER	Section-B: Basic concepts- society, community, association and institution

Prescribed books:

Fundamentals of Sociology, Vol-1 by Kapila, S. 2001

B.A. /B.Sc. (Semester System)
SEMESTER-I
Subject-ECONOMICS
Paper: MICRO ECONOMICS
M.Marks:100
Credit: 4-0-0

Pattern of Question Paper-There will be eight questions of equal marks (Specified in the syllabus), two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

MONTH WISE DIVISION	SYLLABUS UNITISATION
AUGUST	<p>UNIT-I Introductory: Definition of Economics, Adam Smith, Marshall, Robbins, Nature and Scope of Microeconomics. Basic Concepts, Demand Function; Supply Function, Price Determination, Slope and Elasticity, Elasticity of Demand, Utility Analysis and Indifference Curve Analysis.</p> <p>UNIT-II Theory of Demand and Consumer Behaviour, Revealed Preference Analysis and their Comparison.</p>
SEPTEMBER	<p>UNIT-II Theory of Production and Costs, Revenue Curves and their relationship with elasticity of demand.</p> <p>UNIT-III Market forms: Perfect Competition; Assumptions, Price and output determination of firm and Industry in Short run and Long run; Supply Curve.</p>
OCTOBER & NOVEMBER	<p>UNIT-III Monopoly; Assumptions, Equilibrium, Supply Curve. Monopolistic Competition : Assumptions, Product differentiation, Selling costs, Excess capacity</p> <p>UNIT -IV Marginal Productivity Theory, Modern Theory of Distribution. Rent: Concept; Ricardian Theory and Modern Theory of Rent. Interest, Profit: Concept of profit; Risk and uncertainty theories.</p>

Prescribed Book:-

Name- Microeconomics

Author- T.R. Jain

Publisher- VK Publisher

B.A. SEMESTER-I
Subject-HISTORY
Paper- HISTORY OF INDIA UPTO C. 1000
M.Marks:100
Credit: 4-0-0

Pattern of Question Paper-There will be eight questions of equal marks (Specified in the syllabus), two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

MONTH WISE DIVISION	SYLLABUS UNITISATION
AUGUST	<p>UNIT- I. Sources: Meaning of the term 'ancient', Literary sources Vedic literature, Epics and Puranans, Buddhist and Jain texts, Sangam literature; Accounts of Indians and foreigners; Archeological Sources;, Coins, Inscriptions and Monuments.</p> <p>The Indus Civilization: Origin; Harappa and Mohenjo-Daro, Rakhigarhi, Kalibanga, Dholavira and Lothal; Political organization: Town planning and architecture; Agriculture, technology: Trade contacts with the outside world; Religion; Script, Seals and Figurines, Causes of disintegration.</p> <p>UNIT-II. The Indo Aryans: Original home; Geographical area known to Vedic texts; Social Institutions: Family, Varna and the Caste system, Religious ideas and rituals; Economy;Political Organization- Changes in the later Vedic period; Emergence of the republics and Kingdoms; Growth of towns.</p>
SEPTEMBER	<p>UNIT-II.Jainism and Buddhism: Social and political conditions; Doctrines of Jainism and sectarian development; Teachings of Gautama Buddha; The Sangha organization, Spread of Buddhism, its decline, Legacy of Buddhism and Jainism.</p> <p>UNIT-III</p> <p>The Age of the Mauryas: Establishment of the Mauryan Empire; Expansion of the empire,the Kalinga War, Polity and administration; Contacts with neighboring states. Asoka's Dhamma; Decline of the Mauryan Empire.</p>
OCTOBER & NOVEMBER	<p>UNIT-III The Kushanas: Kanishka and his successors; Ghandhara Art, Literature. The Gupta Age Establishment of the Gupta Empire; its expansion under Samundragupta and Chandragupta-II; Administration: Revenue system; Trade and Commerce; Science and technology, Art and architecture; The Huna invasions and the decline of the Gupta Empire.</p> <p>Unit -IV The Age of the Vardhanas: Establishment of Vardhana kingdom; Harsha's campaigns and political relations; Sources of revenue; Patronage of religion, Literature and education.</p> <p>The Cholas: Local Administration of the cholas; Art and Litration, Economy and Trade.</p>

Prescribed Book:-

Name- Early India:From origins to AD 1300

Author- Thapar,Romila

Publisher-Penguin Publications,New Delhi

B.A SEMESTER-I
Subject: PHYSICAL EDUCATION
Theory: 75, Practical: 25
Maximum Marks -100
Theory Credit: 03
Practical Credit: 01

Pattern of Question Paper- Eight questions of equal marks (Specified in the syllabus) are to be sets, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

MONTH WISE DIVISION	SYLLABUS UNITISATION
AUGUST	<p>Section – A *Definition of the terms – Education, Physical Education, Physical Training and Coaching. *Aims and Objectives of Physical Education. *Relationship of Education and Physical Education *Volleyball [Practical]</p>
SEPTEMBER	<p>Section – B *Biological Principles: (a)Growth and Development (b)Age and Sex Differences (c)Effects of Heredity and Environment on Growth and Development. (d)Chronological Age, Physiological Age, Anatomical Age and Mental Age. Section – C *Development of Physical Education and Sports in India. (a)Pre - Independence (b)Post - Independence Section – D *Commonwealth Games *Asian Games *Track [Practical]</p>
OCTOBER & NOVEMBER	<p>Section – B *Body Types. *Sports Schemes in India (1)N.S.N.I.S. (2)Sports authority of India. (3)Punjab Sports Department. (4)Punjab State Sports Council. Section – D *Olympic Games: (a)Ancient Olympics (b)Modern Olympics *History, Fundamentals, Rules, Dimensions and regulations of Volleyball and Cricket.</p>

Prescribed Book:-

Name: Health Physical Education and Sports

Author name: Atwal&Kansal

Publication: AP Publishers

B.A SEMESTER-I
Subject-MUSIC VOCAL

Theory- 50 marks
Credit: 2

Practical- 50 marks
Credit: 2

Pattern of Question Paper-There will be eight questions of equal marks (Specified in the syllabus) for theory paper,two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

MONTH WISE DIVISION	SYLLABUS UNITISATION
AUGUST	<p>Theory - 1.Definition and explanation of musical terms – Sangeet,Naad,Swar,Saptak,Jatti 2.Description and notation of TalDadra,Teental 3.Life sketch and contribution of Guru Nanak Dev ji towards Indian music</p> <p>Practical- 1.Ten alankars in BilawalThat 2.SargamGeet in Raga Bhupali 3.Dadra taal on hand with single and double</p>
SEPTEMBER	<p>Theory – 4.Life sketches-Tansen,Yamla Jatt 5.Definition and notation of Raga Bilawal ,Bhupali 6.Wedding songs of Punjab -Suhag,Ghorian,Sithnian</p> <p>Practical- 1.Fast Khayal in raga Bhupali with alap and tan 2.Punjabi wedding song Ghori</p>
OCTOBER & NOVEMBER	<p>Theory – 7.Musical terms used in Gurmat Sangeet – Raga,Rahao,Mahalla Rababi 8. Tanpura and Sahayak Naad</p> <p>Practical – 1.Fast Khayal in Raga Bilawal with alap and tan 2.Practice of Teental on hand with single and double 3.Non detailed Raga -Deshkar,AlahaiyaBilawal</p>

Prescribed Book:-

Name- Sangeet Roop

Author- Dr.Davinder Kaur

B.A. / B.Sc. (Semester I)
Subject: MATHEMATICS
Paper: ALGEBRA (PAPER – I)
M.Marks:100
Credit:4

Pattern of Question Paper: There will be eight questions of equal marks (as specified in the syllabus), two in each of four sections (A – D). Questions may be subdivided into parts (not exceeding four questions). Candidates are required to attempt 5 questions, selecting at least one question from each section. The fifth question may be attempted from any section.

Month wise Division	Syllabus Unitization
July & August	<p>SECTION – A Linear independence of row and column vectors. Row rank, Column rank of a matrix, Equivalence of column and row ranks, Nullity of matrix, Applications of matrices to a system of linear (both homogeneous and non-homogeneous) equations. Theorems on consistency of a system of linear equations.</p> <p>SECTION – B Eigen values, Eigen vectors, minimal and the characteristic equation of a matrix. Cayley Hamilton theorem and its use in finding inverse of a matrix.</p>
SEPTEMBER	<p>SECTION – B Quadratic Forms, quadratic form as a product of matrices. The set of quadratic forms over a field.</p> <p>SECTION – C Congruence of quadratic forms and matrices. Congruent transformations of matrices. Elementary congruent transformations. Congruent reduction of a symmetric matrix. Matrix Congruence of skew-symmetric matrices. Reduction in the real field. Classification of real quadratic forms in n variables. Definite, semi-definite and indefinite real quadratic forms. Characteristic properties of definite, semi-definite and indefinite forms.</p>
OCTOBER & NOVEMBER	<p>SECTION – D Relations between the roots and coefficients of general polynomial equation in one variable. Transformation of equations and symmetric function of roots, Descarte's rule of signs, Newton's Method of divisors, Solution of cubic equations by Cardan method, Solution of biquadratic equations by Descarte's and Ferrari's Methods.</p>

Prescribed book:

1. Algebra
 By D.R.Sharma& Dr. Arun Kumar Tomer
 Sharma Publications

B.A. / B.Sc. (Semester – I)
Subject: MATHEMATICS
Paper: CALCULUS AND TRIGONOMETRY (Paper – II)
M.Marks:100
Credit:4

Pattern of Question Paper: There will be eight questions of equal marks (as specified in the syllabus), two in each of four sections (A – D). Questions may be subdivided into parts (not exceeding four questions). Candidates are required to attempt 5 questions, selecting at least one question from each section. The fifth question may be attempted from any section.

Month wise Division	Syllabus Unitization
AUGUST	SECTION–C De–Moivre's Theorem and its applications, circular and hyperbolic functions, and their inverses. SECTION–D Exponential and Logarithmic function of a complex variable
SEPTEMBER	SECTION–D Expansion of trigonometric functions, Gregory's series, Summation of series. SECTION–A Real number system and its properties, lub, glb of sets of real numbers, limit of a function, Basic properties of limits, Continuous functions and classification of discontinuities, Uniform continuity.
OCTOBER & NOVEMBER	SECTION–B Differentiation of hyperbolic functions, Successive differentiation, Leibnitz theorem, Taylor's, and Maclaurin's theorem with various forms of remainders, Indeterminate forms.

Prescribed book:

1. Calculus and Trigonometry
By D. R. Sharma, Manbir Kaur & Harjit Singh
Sharma Publications