

English Core
Code No. 301
Class XII (2021-22)
Term Wise Syllabus

SECTION	TERM 1	WEIGHTAGE (IN MARKS)	TERM II	WEIGHTAGE (IN MARKS)
A	Reading Comprehension: (Two Passages) <ul style="list-style-type: none"> Unseen passage (factual, descriptive or literary/ discursive or persuasive) Case Based Unseen (Factual) Passage 	14 (8+6 Marks)	Reading Comprehension: (Two Passages) <ul style="list-style-type: none"> Unseen passage (factual, descriptive or literary/ discursive or persuasive) Case Based Unseen (Factual) Passage 	14 (8+6 Marks)
B	Creative Writing Skills : <u>Short Writing Tasks</u> <ul style="list-style-type: none"> Notice Writing Classified Advertisements <u>Long Writing Tasks(One)</u> <ul style="list-style-type: none"> Letter to an Editor (giving suggestions or opinion on issues of public interest) Article Writing 	3+5 marks Total=08	Creative Writing Skills : <u>Short Writing Tasks</u> <ul style="list-style-type: none"> Formal & Informal Invitation Cards or the Replies to Invitation/s <u>Long Writing Tasks(One)</u> <ul style="list-style-type: none"> Letter of Application for a Job Report Writing 	3+5 Marks Total=08
C	Literature : Literary-prose/poetry extracts (seen- texts) to assess comprehension and appreciation, analysis, inference, extrapolation Questions Based on Texts to assess comprehension and appreciation, analysis, inference, extrapolation <u>Book- Flamingo (Prose)</u> <ul style="list-style-type: none"> The Last Lesson Lost Spring Deep Water <u>Book-Flamingo (Poetry)</u> <ul style="list-style-type: none"> My Mother at Sixty-Six An Elementary School Classroom in a Slum Keeping Quiet <u>Book-Vistas (Prose)</u> <ul style="list-style-type: none"> The Third Level The Enemy 	11 Marks for Flamingo + 7 Marks for Vistas = 18 Marks	Literature: Questions based on extracts/texts to assess comprehension and appreciation, analysis, inference, extrapolation <u>Book-Flamingo (Prose)</u> <ul style="list-style-type: none"> The Rattrap Indigo <u>Book-Flamingo (Poetry)</u> <ul style="list-style-type: none"> A Thing of Beauty Aunt Jennifer's Tigers <u>Book-Vistas (Prose)</u> <ul style="list-style-type: none"> Should Wizard Hit Mommy? On the Face of It Evans Tries an O Level 	11 Marks for Flamingo + 7 Marks for Vistas = 18 Marks
	TOTAL	40	TOTAL	40
	ASL	10	ASL	10
	GRAND TOTAL	40 + 10 = 50	GRAND TOTAL	40 + 10 = 50

Prescribed Books

- Flamingo:** English Reader published by National Council of Education Research and Training, New Delhi
- Vistas:** Supplementary Reader published by National Council of Education Research and Training, New Delhi

PHYSICAL EDUCATION (048)
DISTRIBUTION OF SYLLABUS – CLASS XII – 2021-2022
TERM - I AND TERM - II

TERM I – THEORY MCQ BASED - 35 MARKS		TERM II – THEORY SHORT/LONG ANSWER – 35 MARKS	
*Unit No.	Name	*Unit No.	Name
1	Planning in Sports <ul style="list-style-type: none"> <input type="checkbox"/> Meaning & Objectives Of Planning <input type="checkbox"/> Various Committees & its Responsibilities (pre; during & post) <input type="checkbox"/> Tournament – Knock-Out, League Or Round Robin & Combination <input type="checkbox"/> Procedure To Draw Fixtures – Knock-Out (Bye & Seeding) & League (Staircase & Cyclic) 	3	Yoga & Lifestyle <ul style="list-style-type: none"> <input type="checkbox"/> Asanas as preventive measures <input type="checkbox"/> Obesity: Procedure, Benefits & contraindications for Vajrasana, Hastasana, Trikonasana, Ardh Matsyendrasana <input type="checkbox"/> Diabetes: Procedure, Benefits & contraindications for Bhujangasana, Paschimottasana , Pavan Muktasana, Ardh Matsyendrasana <input type="checkbox"/> Asthma: Procedure, Benefits & contraindications for Sukhasana, Chakrasana, Gomukhasana, Parvatasana, Bhujangasana, Paschimottasana, Matsyasana <input type="checkbox"/> Hypertension: Tadasana, Vajrasana, Pavan Muktasana, Ardha Chakrasana, Bhujangasana, Sharasana
2	Sports & Nutrition <ul style="list-style-type: none"> <input type="checkbox"/> Balanced Diet & Nutrition: Macro & Micro Nutrients <input type="checkbox"/> Nutritive & Non-Nutritive Components Of Diet <input type="checkbox"/> Eating For Weight Control – A Healthy Weight, The Pitfalls of Dieting, Food 	4	Physical Education & Sports for CWSN (Children with Special Needs - DIVYANG) <ul style="list-style-type: none"> <input type="checkbox"/> Concept of Disability & Disorder <input type="checkbox"/> Types of Disability, its causes & nature (cognitive disability, intellectual

	Intolerance & Food Myths		<p>disability, physical disability)</p> <ul style="list-style-type: none"> □ Types of Disorder, its cause & nature (ADHD, SPD, ASD, ODD, OCD) □ Disability Etiquettes □ Strategies to make Physical Activities assessable for children with special need.
5	Children & Women in Sports <ul style="list-style-type: none"> □ Motor development & factors affecting it □ Exercise Guidelines at different stages of growth & Development □ Common Postural Deformities - Knock Knee; Flat Foot; Round Shoulders; Lordosis, Kyphosis, Bow Legs and Scoliosis and their corrective measures □ Sports participation of women in India 	7	Physiology & Injuries in Sports <ul style="list-style-type: none"> ● Physiological factor determining component of Physical Fitness ● Effect of exercise on Cardio Respiratory System ● Effect of exercise on Muscular System ● Sports injuries: Classification (Soft Tissue Injuries:(Abrasion, Contusion, Laceration, Incision, Sprain & Strain) Bone & Joint Injuries: (Dislocation, Fractures: Stress Fracture, Green Stick, Communated, Transverse Oblique & Impacted) Causes, Prevention& treatment ● First Aid – Aims & Objectives
6	Test & Measurement in Sports <ul style="list-style-type: none"> ○ Motor Fitness Test – 50 M Standing Start, 600 M Run/Walk, Sit & Reach, Partial Curl Up, Push Ups (Boys), Modified Push Ups (Girls), Standing Broad Jump, Agility – 4x10 M Shuttle Run ○ Measurement of Cardio Vascular Fitness – Harvard Step Test/Rockport Test - <p><u>Duration of the Exercise in Seconds</u> $\times 100$ 5.5 x Pulse count of 1-1.5 Min after Exercise</p>	9	Psychology & Sports <ul style="list-style-type: none"> ● Personality; its definition & types – Trait & Types (Sheldon & Jung Classification) & Big Five Theory ● Motivation, its type & techniques ● Meaning, Concept & Types of Aggressions in Sports

	<ul style="list-style-type: none"> ○ Rikli & Jones - Senior Citizen Fitness Test 		
8	Biomechanics & Sports <ul style="list-style-type: none"> ● Meaning and Importance of Biomechanics in Sports ● Types of movements (Flexion, Extension, Abduction & Adduction) ● Newton's Law of Motion & its application in sports 	10	Training in Sports <ul style="list-style-type: none"> ● Strength – Definition, types & methods of improving Strength – Isometric, Isotonic & Isokinetic ● Endurance - Definition, types & methods to develop Endurance – Continuous Training, Interval Training & Fartlek Training ● Speed – Definition, types & methods to develop Speed – Acceleration Run & Pace Run ● Flexibility – Definition, types & methods to improve flexibility ● Coordinative Abilities – Definition & types

*For resource material refer Class XII Physical Education Handbook available at Board's Academic website: www.cbseacademic.nic.in

ਪੰਜਾਬੀ—104

XII (ਬਾਰੂਵੀਂ)

ਟਰਮ I ਪਰੀਖਿਆ ਲਈ ਪਾਠ-ਕ੍ਰਮ ਅਤੇ ਅੰਕ-ਵੰਡ (ਨਵੰਬਰ-ਦਸੰਬਰ 2021)

ਕੁੱਲ ਅੰਕ 40

ਭਾਸ਼ਾ

ਵਿਹਾਰਕ ਵਿਆਕਰਨ

14

I. ਵਾਕ ਵਟਾਂਦਰਾ ਬਹੁ-ਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ (ਚੋਣ ਆਧਾਰਿਤ)

(1X4)4

(ਲਾਜ਼ਮੀ ਪੰਜਾਬੀ 12 ਪਾਠ-ਪੁਸਤਕ 'ਤੇ ਆਧਾਰਿਤ)

II. ਅਖਾਣ/ਅਖਾਉਤਾਂ : ਬਹੁ-ਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ (ਚੋਣ ਆਧਾਰਿਤ) 1 ਤੋਂ 40 ਤੱਕ

(1X10)10

(ਲਾਜ਼ਮੀ ਪੰਜਾਬੀ 12 ਪਾਠ-ਪੁਸਤਕ ਵਿੱਚ ਦਰਜ ਅਖਾਣ/ਅਖਾਉਤਾਂ 'ਤੇ ਆਧਾਰਿਤ)

ਸਾਹਿਤ (ਪਾਠ-ਪੁਸਤਕ ਆਧਾਰਿਤ ਪ੍ਰਸ਼ਨ ਬਹੁ-ਵਿਕਲਪੀ ਚੋਣ ਆਧਾਰਿਤ)

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I. ਕਵਿਤਾ ਆਧਾਰਿਤ ਪ੍ਰਸ਼ਨ ਬਹੁ-ਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ (ਚੋਣ ਆਧਾਰਿਤ)

(1X6)6

II. ਕਹਾਣੀ ਆਧਾਰਿਤ ਪ੍ਰਸ਼ਨ ਬਹੁ-ਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ (ਚੋਣ ਆਧਾਰਿਤ)

(1X10)10

III. ਪੰਜਾਬੀ ਸੱਭਿਆਚਾਰ ਦੀ ਜਾਣ-ਪਛਾਣ (ਭਾਗ ਆਧਾਰਿਤ ਪ੍ਰਸ਼ਨ)

ਬਹੁ-ਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ (ਚੋਣ ਆਧਾਰਿਤ)

(1X8)10

ਨਿਰਧਾਰਤ ਪੁਸਤਕ ਅਤੇ ਚੋਣਵੇਂ ਪਾਠ

ਲਾਜ਼ਮੀ ਪੰਜਾਬੀ 12 (ਕਵਿਤਾਵਾਂ)

(1) ਟੁਕੜੀ ਜੱਗ ਤੋਂ ਨਿਆਰੀ (ਭਾਈ ਵੀਰ ਸਿੰਘ)

(2) ਤਾਜ ਮਹਲ (ਪ੍ਰੋ. ਮੋਹਨ ਸਿੰਘ)

ਲਾਜ਼ਮੀ ਪੰਜਾਬੀ 12 (ਕਹਾਣੀਆਂ)

- (1) ਸਾਂਝ (ਸੁਜਾਨ ਸਿੰਘ)
- (2) ਨੀਲੀ (ਕਰਤਾਰ ਸਿੰਘ ਦੁੱਗਲ)

ਲਾਜ਼ਮੀ ਪੰਜਾਬੀ 12 (ਪੰਜਾਬੀ ਸੱਭਿਆਚਾਰ ਦੀ ਜਾਣ-ਪਛਾਣ)

ਪੰਜਾਬ ਦੇ ਮੇਲੇ ਤੇ ਤਿਉਹਾਰ (ਡਾ. ਐੱਸ.ਐੱਸ.ਵਣਜਾਰਾ ਬੇਦੀ)

ਨਿਰਧਾਰਿਤ ਪਾਠ-ਪੁਸਤਕ : ਲਾਜ਼ਮੀ ਪੰਜਾਬੀ 12 (ਪੰਜਾਬ ਸਕੂਲ ਸਿੱਖਿਆ ਬੋਰਡ)

ਨੋਟ - ਲਾਜ਼ਮੀ ਪੰਜਾਬੀ 12 ਪਾਠ-ਪੁਸਤਕ ਨੂੰ ਪੰਜਾਬ ਸਕੂਲ ਸਿੱਖਿਆ ਬੋਰਡ, ਸਾਹਿਬਜ਼ਾਦਾ ਅਜੀਤ ਸਿੰਘ ਨਗਰ (ਮੋਹਾਲੀ) ਵੱਲੋਂ ਪ੍ਰਕਾਸ਼ਤ ਕੀਤਾ ਗਿਆ ਹੈ। ਇਹ ਪੁਸਤਕ ਬੋਰਡ ਦੀ ਵੈੱਬਸਾਈਟ : www.pseb.ac.in 'ਤੇ ਵੀ ਉਪਲਬਧ ਹੈ।

4. Unit wise Syllabus

TERM 1:

Unit I: Computational Thinking and Programming – 2

- Revision of Python topics covered in Class XI.
- Functions: types of function (built-in functions, functions defined in module, user defined functions), creating user defined function, arguments and parameters, default parameters, positional parameters, function returning value(s), flow of execution, scope of a variable (global scope, local scope)
- Introduction to files, types of files (Text file, Binary file, CSV file), relative and absolute paths
- Text file: opening a text file, text file open modes (r, r+, w, w+, a, a+), closing a text file, opening a file using with clause, writing/ appending data to a text file using write() and writelines(), reading from a text file using read(), readline() and readlines(), seek and tell methods, manipulation of data in a text file
- Binary file: basic operations on a binary file: open using file open modes (rb, rb+, wb, wb+, ab, ab+), close a binary file, import pickle module, dump() and load() method, read, write/create, search, append and update operations in a binary file
- CSV file: import csv module, open / close csv file, write into a csv file using csv.writerow() and read from a csv file using csv.reader()

Physics Class XII (Code N. 042) (2020-21)
Syllabus assigned for Term I (Theory)

Time: 90 Minutes

Max Marks: 35

		No. of Periods	Marks
Unit-I	Electrostatics	23	17
	Chapter-1: Electric Charges and Fields		
	Chapter-2: Electrostatic Potential and Capacitance		
Unit-II	Current Electricity	15	18
	Chapter-3: Current Electricity		
Unit-III	Magnetic Effects of Current and Magnetism	16	
	Chapter-4: Moving Charges and Magnetism		
	Chapter-5: Magnetism and Matter		
Unit-IV	Electromagnetic Induction and Alternating Currents	19	
	Chapter-6: Electromagnetic Induction		
	Chapter 7: Alternating currents		
Total		73	35

Unit I: Electrostatics

23 Periods

Chapter-1: Electric Charges and Fields

Electric Charges; Conservation of charge, Coulomb's law-force between two-point charges, forces between multiple charges; superposition principle and continuous charge distribution. Electric field, electric field due to a point charge, electric field lines, electric dipole, electric field due to a dipole, torque on a dipole in uniform electric field. Electric flux, statement of Gauss's theorem and its applications to find field due to infinitely long straight wire, uniformly charged infinite plane sheet

Chapter-2: Electrostatic Potential and Capacitance

Electric potential, potential difference, electric potential due to a point charge, a dipole and system of charges; equipotential surfaces, electrical potential energy of a system of two-point charges and of electric dipole in an electrostatic field. Conductors and insulators, free charges and bound charges inside a conductor. Dielectrics and electric polarisation, capacitors and capacitance, combination of capacitors in series and in parallel, capacitance of a parallel plate capacitor with and without dielectric medium between the plates, energy stored in a capacitor.

Unit II: Current Electricity

15 Periods

Chapter–3: Current Electricity

Electric current, flow of electric charges in a metallic conductor, drift velocity, mobility and their relation with electric current; Ohm's law, electrical resistance, V-I characteristics (linear and non-linear), electrical energy and power, electrical resistivity and conductivity; temperature dependence of resistance. Internal resistance of a cell, potential difference and emf of a cell, combination of cells in series and in parallel, Kirchhoff's laws and simple applications, Wheatstone bridge, metre bridge(**qualitative ideas only**). Potentiometer - principle and its applications to measure potential difference and for comparing EMF of two cells; measurement of internal resistance of a cell (**qualitative ideas only**)

Unit III: Magnetic Effects of Current and Magnetism

16 Periods

Chapter–4: Moving Charges and Magnetism

Concept of magnetic field, Oersted's experiment. Biot - Savart law and its application to current carrying circular loop. Ampere's law and its applications to infinitely long straight wire. Straight and toroidal solenoids (only qualitative treatment), force on a moving charge in uniform magnetic and electric fields. Force on a current-carrying conductor in a uniform magnetic field, force between two parallel current-carrying conductors-definition of ampere, torque experienced by a current loop in uniform magnetic field; moving coil galvanometer-its current sensitivity and conversion to ammeter and voltmeter.

Chapter–5: Magnetism and Matter

Current loop as a magnetic dipole and its magnetic dipole moment, magnetic dipole moment of a revolving electron, bar magnet as an equivalent solenoid, magnetic field lines; earth's magnetic field and magnetic elements.

Unit IV: Electromagnetic Induction and Alternating Currents

19 Periods

Chapter–6: Electromagnetic Induction

Electromagnetic induction; Faraday's laws, induced EMF and current; Lenz's Law, Eddy currents. Self and mutual induction.

Chapter–7: Alternating Current

Alternating currents, peak and RMS value of alternating current/voltage; reactance and impedance; LC oscillations (qualitative treatment only), LCR series circuit, resonance; power in AC circuits. AC generator and transformer.

CHEMISTRY (043)

SYLLABUS FOR SESSION 2021-22 CLASS XII Term-I

S.No	UNIT	Periods	MARKS
1	Solid State	8	10
2	Solutions	8	
3	p-Block Elements	7	10
4	Haloalkanes and Haloarenes	9	15
5	Alcohols, Phenols and Ethers	9	
6	Biomolecules	8	
	TOTAL	49	35

Solid State: Classification of solids based on different binding forces: molecular, ionic, covalent and metallic solids, amorphous and crystalline solids (elementary idea). Unit cell in two dimensional and three dimensional lattices, calculation of density of unit cell, packing in solids, packing efficiency, voids, number of atoms per unit cell in a cubic unit cell, point defects.

Solutions: Types of solutions, expression of concentration of solutions of solids in liquids, solubility of gases in liquids, solid solutions, Raoult's law, colligative properties - relative lowering of vapour pressure, elevation of boiling point, depression of freezing point, osmotic pressure, determination of molecular masses using colligative properties.

p Block Elements: Group -15 Elements: General introduction, electronic configuration, occurrence, oxidation states, trends in physical and chemical properties; Nitrogen preparation properties and uses; compounds of Nitrogen: preparation and properties of Ammonia and Nitric Acid.

Group 16 Elements: General introduction, electronic configuration, oxidation states, occurrence, trends in physical and chemical properties, dioxygen: preparation, properties and uses, classification of Oxides, Ozone, Sulphur -allotropic forms; compounds of Sulphur: preparation properties and uses of Sulphur-dioxide, Sulphuric Acid: properties and uses; Oxoacids of Sulphur (Structures only).

Group 17 Elements: General introduction, electronic configuration, oxidation states, occurrence, trends in physical and chemical properties; compounds of halogens, Preparation, properties and uses of Chlorine and Hydrochloric acid, interhalogen compounds, Oxoacids of halogens (structures only).

Group 18 Elements: General introduction, electronic configuration, occurrence, trends in physical and chemical properties, uses.

Haloalkanes and Haloarenes: Haloalkanes: Nomenclature, nature of C-X bond, physical and chemical properties, optical rotation mechanism of substitution reactions.

Haloarenes: Nature of C-X bond, substitution reactions (Directive influence of halogen in monosubstituted compounds only).

Alcohols, Phenols and Ethers: Alcohols: Nomenclature, methods of preparation, physical and chemical properties (of primary alcohols only), identification of primary, secondary and tertiary alcohols, mechanism of dehydration.

Phenols: Nomenclature, methods of preparation, physical and chemical properties, acidic nature of phenol, electrophilic substitution reactions, uses of phenols.

Ethers: Nomenclature, methods of preparation, physical and chemical properties, uses.

Biomolecules: Carbohydrates - Classification (aldoses and ketoses), monosaccharides (glucose and fructose), D-L configuration

Proteins -Elementary idea of - amino acids, peptide bond, polypeptides, proteins, structure of proteins - primary, secondary, tertiary structure and quaternary structures (qualitative idea only), denaturation of proteins.

Nucleic Acids: DNA and RNA

XII Theory Syllabus (2021-22)

Biology (Term I)

Unit-VI Reproduction

Chapter-2: Sexual Reproduction in Flowering Plants

Flower structure; development of male and female gametophytes; pollination - types, agencies and examples; outbreeding devices; pollen-pistil interaction; double fertilization; post fertilization events - development of endosperm and embryo, development of seed and formation of fruit; special modes- apomixis, parthenocarpy, polyembryony; Significance of seed dispersal and fruit formation.

Chapter-3: Human Reproduction

Male and female reproductive systems; microscopic anatomy of testis and ovary; gametogenesis - spermatogenesis and oogenesis; menstrual cycle; fertilisation, embryo development upto blastocyst formation, implantation; pregnancy and placenta formation (elementary idea); parturition (elementary idea); lactation (elementary idea).

Chapter-4: Reproductive Health

Need for reproductive health and prevention of Sexually Transmitted Diseases (STDs); birth control - need and methods, contraception and medical termination of pregnancy (MTP); amniocentesis; infertility and assisted reproductive technologies - IVF, ZIFT, GIFT (elementary idea for general awareness).

Unit-VII Genetics and Evolution

Chapter-5: Principles of Inheritance and Variation

Heredity and variation: Mendelian inheritance; deviations from Mendelism – incomplete dominance, co-dominance, multiple alleles and inheritance of blood groups, pleiotropy; elementary idea of polygenic inheritance; chromosome theory of inheritance; chromosomes and genes; Sex determination - in human being, birds and honey bee; linkage and crossing over; sex linked inheritance - haemophilia, colour blindness; Mendelian disorders in humans -thalassemia; chromosomal disorders in humans; Down's syndrome, Turner's and Klinefelter's syndromes.

Chapter-6: Molecular Basis of Inheritance

Search for genetic material and DNA as genetic material; Structure of DNA and RNA; DNA packaging; DNA replication; Central Dogma; transcription, genetic code, translation; gene expression and regulation - lac operon; Genome, Human and rice genome projects; DNA fingerprinting

CLASS-XII
MATHEMATICS (2021-22)
TERM - I

One Paper

90 minutes

Max Marks: 40

No.	Units	Marks
I.	Relations and Functions	08
II.	Algebra	10
III.	Calculus	17
V.	Linear Programming	05
	Total	40
	Internal Assessment	10
	Total	50

Unit-I: Relations and Functions

1. Relations and Functions

Types of relations: reflexive, symmetric, transitive and equivalence relations. One to one and onto functions.

2. Inverse Trigonometric Functions

Definition, range, domain, principal value branch.

Unit-II: Algebra

1. Matrices

Concept, notation, order, equality, types of matrices, zero and identity matrix, transpose of a matrix, symmetric and skew symmetric matrices. Operation on matrices: Addition and multiplication and multiplication with a scalar. Simple properties of addition, multiplication and scalar multiplication. Non-commutativity of multiplication of matrices, Invertible matrices; (Here all matrices will have real entries).

2. Determinants

Determinant of a square matrix (up to 3×3 matrices), minors, co-factors and applications of determinants in finding the area of a triangle. Adjoint and inverse of a square matrix. Solving system of linear equations in two or three variables (having unique solution) using inverse of a matrix.

Unit-III: Calculus

1. Continuity and Differentiability

Continuity and differentiability, derivative of composite functions, chain rule, derivative of inverse trigonometric functions, derivative of implicit functions. Concept of exponential and logarithmic functions.

Derivatives of logarithmic and exponential functions. Logarithmic differentiation, derivative of functions expressed in parametric forms. Second order derivatives.

2. Applications of Derivatives

Applications of derivatives: increasing/decreasing functions, tangents and normals, maxima and minima (first derivative test motivated geometrically and second derivative test given as a provable tool). Simple problems (that illustrate basic principles and understanding of the subject as well as real-life situations).

Unit-V: Linear Programming

1. Linear Programming

Introduction, related terminology such as constraints, objective function, optimization, different types of linear programming (L.P.) problems. Graphical method of solution for problems in two variables, feasible and infeasible regions (bounded), feasible and infeasible solutions, optimal feasible solutions (up to three non-trivial constraints).

INTERNAL ASSESSMENT	10 MARKS
Periodic Test	5 Marks
Mathematics Activities: Activity file record +Term end assessment of one activity & Viva	5 Marks

Note: For activities NCERT Lab Manual may be referred

Accountancy (Code No. 055)

(2021-22)

CLASS XII - CURRICULUM (TERM-WISE)

TERM -1 (MCQ BASED QUESTION PAPER)		
Theory:40 Marks	Duration: 90 minutes	MARKS
	Part A	
	<u>UNIT</u>	
	<u>ACCOUNTING FOR PARTNERSHIP FIRMS:</u>	18
1	FUNDAMENTALS	
2	CHANGE IN PROFIT SHARING RATIO	
3	ADMISSION OF A PARTNER	
	<u>COMPANY ACCOUNTS:</u>	12
1	ACCOUNTING FOR SHARES	
	PART B	
	<u>ANALYSIS OF FINANCIAL STATEMENTS:</u>	10
1	FINANCIAL STATEMENTS OF A COMPANY <i>(i) Statement of Profit and Loss and Balance Sheet in prescribed form with major headings and sub headings (as per Schedule III to the Companies Act, 2013)</i> <i>(ii) Tools of Analysis - Ratio Analysis</i>	
2	ACCOUNTING RATIOS	
	OR	
	<u>COMPUTERISED ACCOUNTING</u>	10
1	OVERVIEW OF COMPUTERISED ACCOUNTING SYSTEM	
2	ACCOUNTING APPLICATION OF ELECTRONIC SPREADSHEET	
	Total	40
	Project Work (Part -1): 10 Marks	

BUSINESS STUDIES (CODE -054)

CLASS–XII (2021-22) TERM WISE CURRICULUM

Units	TERM 1-MCQ BASED QUESTION PAPER THEORY - 40 MARKS DURATION:90 MINUTES	Periods	Marks
Part A	Principles and Functions of Management		
1.	Nature and Significance of Management	12	16
2	Principles of Management	11	
3	Business Environment	08	
4	Planning	08	14
5	Organising	10	
	Total	49	30
Part B	Business Finance and Marketing		
11	Marketing Management	24	10
	Total	24	10
	Total	73	40
	PROJECT WORK (PART 1)		10

Students would prepare only ONE project in the entire academic session, which is divided into 2 terms i.e. Term I and Term II.

Term 1:

Part A: Principles and Functions of Management

Unit 1: Nature and Significance of Management

Concept	After going through this unit, the student/ learner would be able to:
Management - concept, objectives, and importance	<ul style="list-style-type: none"> ● Understand the concept of management. ● Explain the meaning of 'Effectiveness and Efficiency. ● Discuss the objectives of management. ● Describe the importance of management.
Management as Science, Art and Profession	<ul style="list-style-type: none"> ● Examine the nature of management as a science, art and profession.
Levels of Management	<ul style="list-style-type: none"> ● Understand the role of top, middle and lower levels of management
Management functions-planning, organizing, staffing, directing and controlling	<ul style="list-style-type: none"> ● Explain the functions of management
Coordination- concept and importance	<ul style="list-style-type: none"> ● Discuss the concept and characteristics of coordination. ● Explain the importance of coordination.

Unit 2: Principles of Management

Principles of Management- concept and significance	<ul style="list-style-type: none"> ● Understand the concept of principles of management. ● Explain the significance of management
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	principles.
Fayol's principles of management	<ul style="list-style-type: none"> • Discuss the principles of management developed by Fayol.
Taylor's Scientific management- principles and techniques	<ul style="list-style-type: none"> • Explain the principles and techniques of 'Scientific Management'.

Unit 3: Business Environment

Business Environment- concept and importance	<ul style="list-style-type: none"> • Understand the concept of 'Business Environment'. • Describe the importance of business environment
Dimensions of Business Environment- Economic, Social, Technological, Political and Legal	<ul style="list-style-type: none"> • Describe the various dimensions of 'Business Environment'.

Unit 4: Planning

Planning: Concept, importance and limitation	<ul style="list-style-type: none"> • Understand the concept of planning. • Describe the importance of planning. • Understand the limitations of planning.
Planning process	<ul style="list-style-type: none"> • Describe the steps in the process of planning.

Unit 5: Organising

Organising: Concept and importance	<ul style="list-style-type: none"> • Understand the concept of organizing as a structure and as a process. • Explain the importance of organising.
Organising Process	<ul style="list-style-type: none"> • Describe the steps in the process of organizing
Structure of organisation- functional and divisional concept	<ul style="list-style-type: none"> • Describe functional and divisional structures of organisation.
Delegation: concept, elements and importance	<ul style="list-style-type: none"> • Understand the concept of delegation. • Describe the elements of delegation. • Appreciate the importance of Delegation.
Decentralization: concept and importance	<ul style="list-style-type: none"> • Understand the concept of decentralisation. • Explain the importance of decentralisation. • Differentiate between delegation and decentralisation.

Part B: Business Finance and Marketing

Unit 11: Marketing

Marketing – Concept, functions and philosophies	<ul style="list-style-type: none"> • Understand the concept of marketing. • Discuss the functions of marketing. • Explain the marketing philosophies.
Marketing Mix – Concept and elements	<ul style="list-style-type: none"> • Understand the concept of marketing mix. • Describe the elements of the

	marketing mix.
Product - branding, labelling and packaging – Concept	<ul style="list-style-type: none"> • Understand the concept of product as an element of marketing mix. • Understand the concepts of branding, labelling and packaging.
Price - Concept, Factors determining price	<ul style="list-style-type: none"> • Understand the concept of price as an element of marketing mix. • Describe the factors determining price of a product.
Physical Distribution – concept	<ul style="list-style-type: none"> • Understand the concept of physical distribution.
Promotion – Concept and elements; Advertising, Personal Selling, Sales Promotion and Public Relations	<ul style="list-style-type: none"> • Understand the concept of promotion as an element of marketing mix. • Describe the elements of the promotion mix. • Understand the concept of advertising and personal selling • Understand the concept of sales promotion. • Discuss the concept of public relations.

PROJECT WORK IN BUSINESS STUDIES (ONLY ONE PROJECT): GUIDELINES AS GIVEN IN CLASS XII CURRICULUM

ECONOMICS (Code No. 030)
(2021-22)
CLASS XII - TERM-WISE CURRICULUM

TERM 1 - MCQ BASED QUESTION PAPER Theory: 40 Marks Time: 90 minutes	Marks	Periods
Part A: Introductory Macroeconomics		
▪ Money and Banking	6	8
▪ Government Budget and the Economy	6	15
▪ Balance of Payments	6	7
Sub Total	18	30
Part B: Indian Economic Development		
▪ Development Experience (1947-90) and Economic Reforms since 1991: <ul style="list-style-type: none"> • Indian Economy on the eve of Independence • Indian Economy (1950-90) • Liberalisation, Privatisation and Globalisation : An Appraisal 	12	28
▪ Current challenges facing Indian Economy <ul style="list-style-type: none"> • Poverty • Human Capital Formation • Rural development 	10	17
Sub Total	22	45
Total	40	75
Project Work (Part 1): 10 Marks		

Students would prepare only ONE project in the entire academic session, which is divided into 2 terms i.e. Term I and Term II.

Term 1

Part A: Introductory Macroeconomics

Unit 2: Money and Banking

8 Periods

Money - meaning and supply of money - Currency held by the public and net demand deposits held by commercial banks.

Money creation by the commercial banking system.

Central bank and its functions (example of the Reserve Bank of India): Bank of issue, Govt. Bank, Banker's Bank, Control of Credit

Unit 4: Government Budget and the Economy

15 Periods

Government budget - meaning, objectives and components.

Classification of receipts - revenue receipts and capital receipts; classification of expenditure – revenue expenditure and capital expenditure.

Measures of government deficit - revenue deficit, fiscal deficit, primary deficit their meaning.

Unit 5: Balance of Payments

7 Periods

Balance of payments account - meaning and components;
Foreign exchange rate - meaning of fixed and flexible rates and managed floating.

Part B: Indian Economic Development

Unit 6: Development Experience (1947-90) and Economic Reforms since 1991

28 Periods

A brief introduction of the state of Indian economy on the eve of independence.
Indian economic system and common goals of Five Year Plans.
Main features, problems and policies of agriculture (institutional aspects and new agricultural strategy), industry (IPR 1956; SSI – role & importance) and foreign trade.

Economic Reforms since 1991:

Features and appraisals of liberalisation, globalisation and privatisation (LPG policy);
Concepts of demonetization and GST

Unit 7: Current challenges facing Indian Economy

17 Periods

Poverty- absolute and relative; Main programmes for poverty alleviation: A critical assessment;

Human Capital Formation: How people become resource; Role of human capital in economic development;

Rural development: Key issues - credit and marketing - role of cooperatives; agricultural diversification;