

## QUESTION PATTERNS - CLASS XII , SEMESTER 3

### SUBJECT: ACCOUNTANCY

Class XII TOTAL Theory MARKS: 80

- Class XII SEMESTER 3 TOPICS: [MCQ] MARKS: 40 [ 1 MARK PER QUESTION ]

SI No	Topic	Marks allotted
1	Accounting for Partnership Firms –I	15X1=15
2	Accounting for Company-I	10X1=10
3	Analysis of Financial Statements	15X1=15

### SUBJECT: AGRICULTURE

- Class XII SEMESTER 3 TOPICS: [MCQ] MARKS: 35 [ 1 MARK PER QUESTION ]

SI No	Topic	Marks allotted
1	Growth of Crops	6X1=6
2	Soil : Chemical & Biological Properties	10X1=10
3	Manures & Fertilisers	10X1=10
4	Livestock Management	9X1=9

### SUBJECT: ALTERNATIVE ENGLISH

Class XII TOTAL Theory MARKS: 40

- Class XII SEMESTER 3 TOPICS: [MCQ] MARKS: [ 1 MARK PER QUESTION ]

SI No	Topic	Marks allotted
1	Prose	13X1=13
2	Poetry	12X1=12
3	Grammar	15X1=15

### SUBJECT: ANTHROPOLOGY

- Class XII SEMESTER 3 TOPICS: [MCQ] MARKS: 35 [ 1 MARK PER QUESTION ]

SI No	Topic	Marks allotted
1	Indian Prehistory	5X1=5
2	Human Biological Diversity	8X1=8
3	Anthropology & Religion	8X1=8
4	Overview of some Applied areas of Anthropology	10X1=10
5	Contribution of some Indian Anthropologists	4X1=4

### SUBJECT: APPLIED ARTIFICIAL INTELLIGENCE

- Class XII SEMESTER 3 TOPICS: [MCQ] MARKS: 35 [ 1 MARK PER QUESTION ]

Unit	Topic	Marks allotted
1	Different Types of Data & Various Application Areas of AI	5X1=5
2	AI in Natural Language Processing	10X1=10
3	AI in Speech Recognition	7X1=7
4	AI in Image Processing & Computer Vision	8X1=8
5	AI for Weather Predictions	5X1=5

### SUBJECT: ARABIC

- Class XII SEMESTER 3 TOPICS: [MCQ] MARKS: 40 [ 1 MARK PER QUESTION ]

SI No	Topic	Marks allotted
1	Prose	10X1=10
2	Poetry	10X1=10
3	History of Arabic Literature	10X1=10
4	Grammar	5X1=5
5	Translation	5X1=5

**SUBJECT: ARTIFICIAL INTELLIGENCE**

- **Class XII SEMESTER 3 TOPICS: [MCQ] MARKS: 35 [ 1 MARK PER QUESTION ]**

Unit	Topic	Marks allotted
1	Foundation of Statistics for Machine Learning	5X1=5
2	Introduction to Machine Learning	15X1=15
3	Supervised Learning	15X1=15

**SUBJECT: BIOLOGICAL SCIENCE**

- **Class XII SEMESTER III TOPICS: [MCQ] MARKS: 35 [ 1 mark per question ]**

SI No	Topic	Marks allotted
1	Unit VI : Reproduction Chapter 1 : Sexual Reproduction in Flowering Plants Chapter 2 : Human Reproduction Chapter 3 : Reproductive Health	15X1=15
2	Unit VII : Genetics and Evolution Chapter 4 : Principles of Inheritance and Variation Chapter 5 : Molecular basis of inheritance Chapter 6 : Evolution	20X1=20

**SUBJECT: BENGALI-A**

- **Class XII SEMESTER III TOPICS: [MCQ] MARKS: 40**

SI No	Topic	Marks allotted
1	গল্প	8X1=8
2	প্রবন্ধ	5X1=5
3	কবিতা	7X1=7
4	ভারতীয়গল্পওআন্তর্জাতিককবিতা	5X1=5
5	ভাষা	10X1=10
6	বাংলাশিল্প-সাহিত্যওসংস্কৃতিরইতিহাস	5X1=5

**SUBJECT: BENGALI-B**

- **Class XII SEMESTER 3 TOPICS: [MCQ] MARKS: 40**

SI No	Topic	Marks allotted
1	গল্প	8X1=8
2	কবিতা	7X1=7
3	নাটক	5X1=5
4	ভারতীয়গল্পওকবিতা	5X1=5
5	ভাষা	10X1=10
6	বাংলাশিল্প-সাহিত্যওসংস্কৃতিরইতিহাস	5X1=5

**SUBJECT: BUSINESS STUDIES**

- **Class XII SEMESTER 3 TOPICS: [MCQ] MARKS: 40**

SI No	Topic	Marks allotted
1.	Unit -1 Nature and Significance of Management	5X1 = 05
2.	Unit -2 Principles of Management	5X1 = 05
3.	Unit -3 Business Environment	5X1 = 05
4.	Unit- 4 Planning	7X1 = 07
5.	Unit- 5 Organising	8X1 = 08
6.	Unit-6 Marketing Management-1	5X1 = 5
7.	Unit-7 Consumer Protection	5X1=5
<b>TOTAL</b>		<b>40</b>

**SUBJECT: CHEMISTRY**

- **Class XII SEMESTER III TOPICS: [MCQ] MARKS: 35 [ 1 MARK PER QUESTION ]**

SI No	Topic	Marks allotted
1	Liquid State	8X1=8
2	p-block elements	8X1=8
3	Haloalkanes and Haloarenes	5X1=5
4	Alcohols, Phenols and Ethers	5X1=5
5	Biomolecules : Carbohydrates , Proteins and Nucleic Acids	5X1=5
5	Polymers	4X1=4

**SUBJECT: COMMERCIAL LAW & PRELIMINARIES OF AUDITING**

- **Class XII SEMESTER 3 TOPICS: [MCQ] MARKS: 40 [ 1 MARK PER QUESTION ]**

SI No	Topic	Marks allotted
1	Law of Partnership	10X1=10
2	Company Law	10X1=10
3	Audit Procedure	14X1=14
4	Routine Checking and Test Checking	6X1=6

**SUBJECT: MODERN COMPUTER APPLICATION**

- **CLASS XII SEMESTER III TOPICS: 35 (MCQ) MARKS: 1 MARKS PER QUESTION**

SI No	Topic	Marks obtain
1.	Python Programming	25X1=25
2.	E-Commerce	10X1=10

**SUBJECT: COMPUTER SCIENCE**

- **CLASS XII SEMESTER III TOPICS: (MCQ) MARKS: 35 1 MARKS PER QUESTION**

SI No	Topic	Marks obtain
1.	Python Programming	25X1=25
2.	E-Commerce	10X1=10

**SUBJECT: COSTING & TAXATION**

- **Class XII SEMESTER 3 TOPICS: [MCQ] MARKS: 40 [ 1 MARK PER QUESTION ]**

SI No	Topic	Marks allotted
1	Concept of Labour	20X1=20
2	Income from "Capital Gains"	10X1=10
3	Income from Other Sources	10X1=10

**SUBJECT: DATA SCIENCE**

- **Class XII SEMESTER 3 TOPICS: [MCQ] MARKS: 35 [ 1 MARK PER QUESTION ]**

Unit	Topic	Marks allotted
1	Foundation of Statistics for Machine Learning	5X1=5
2	Introduction to Machine Learning	15X1=15
3	Supervised Learning	15X1=15

**SUBJECT: ECONOMICS**

- **Class XII SEMESTER 3 TOPICS: [MCQ] MARKS: 40 [ 1 MARK PER QUESTION ]**

Unit	Topic	Marks allotted
1	Macroeconomics – National Income Accounting	8X1=8
2	Simple Keynesian Model ( Closed Economy Model with Government )	8X1=8
3	Balance of Payments & Exchange Rate	4X1=4
4	Indian Economic Development – Brief reference to Colonial Past	4X1=4
5	Sectoral & Occupational Distribution	8X1=8
6	Agriculture	8X1=8

**SUBJECT: EDUCATION**

- **Class XII SEMESTER 3 TOPICS: [MCQ] MARKS: [ 1 MARK PER QUESTION ]**

Group	Topic	Marks allotted
A	Education in Modern India [ 10 marks from Unit I and II each ]	20X1=20
B	Recent Trends and Issues in Modern Education [ 10 marks from Unit I and II each ]	20X1=20

**SUBJECT: ENGLISH-A**

- **Class XII SEMESTER 3 TOPICS: [MCQ] MARKS: [ 1 MARK PER QUESTION ]**

Sl No	Topic	Marks allotted
1	Prose	10X1=10
2	Verse	10X1=10
3	Drama	5X1=5
4	Textual Grammar	5X1=5
5	Reading Comprehension (unseen)	10X1=10

**SUBJECT: ENGLISH-B**

- **Class XII SEMESTER 3 TOPICS: [MCQ] MARKS: 40 [ 1 MARK PER QUESTION ]**

Unit	Topic	Marks allotted
1	Prose	10X1=10
2	Verse	10X1=10
3	Drama [ Scene 1 ]	5X1=5
4	Textual Grammar	5X1=5
5	Reading Comprehension( Unseen )	10X1=10

**SUBJECT: ENVIRONMENTAL STUDIES**

- **Class XII SEMESTER 3 TOPICS: [MCQ] MARKS: 40 [ 1 MARK PER QUESTION ]**

Sl No	Topic	Marks allotted
1	Principles of Ecology	20X1=20
2	Biodiversity	20X1=20

**SUBJECT: GEOGRAPHY**

- **Class XII SEMESTER 3 TOPICS: [MCQ] MARKS: 35 [ 1 mark per question ]**

Sl No	Topic	Marks allotted
1	Fundamentals of Physical Geography	15X1=15
2	Fundamentals of Human Geography	10X1=10
3	Geography of India	10X1=10

**SUBJECT: HUMAN DEVELOPMENT & RESOURCE MANAGEMENT**

**CLASS-XII SEMESTER – 3 TOPICS: [MCQ] MARKS: 35 [1 MARK PER QUESTION]**

UNITS	TOPICS	MARKS ALLOTTED
I	Life Span Approach to Human Development - Adolescence	10×1=10
II	Life Span Approach to Human Development - Adulthood	8×1=8
III	Financial Management and Planning	9×1=9
IV	Apparel: Designing and Selection	8×1=8

<b>TOTAL</b>	<b>35</b>

**SUBJECT: HINDI-A**

- **Class XII SEMESTER 3 TOPICS: [MCQ] MARKS: 40 [ 1 mark per question ]**

SI No	Topic	Marks allotted
1	Sahitya ( Kavya & Gadya )	20X1=20
2	Natak	5X1=5
3	Apathit Bodh ( Kavya & Gadya )	5X1=5
4	Vyakaran	5X1=5
5	Paribhashik Shabda	5X1=5

**SUBJECT: HINDI-B**

- **Class XII SEMESTER 3 TOPICS: [MCQ] MARKS: 40 [ 1 mark per question ]**

SI No	Topic	Marks allotted
1	Sahitya ( Kavya & Gadya )	20X1=20
2	Upanyas	5X1=5
3	Apathit Bodh ( Kavya & Gadya )	5X1=5
4	Vyakaran	5X1=5
5	Paribhashik Shabda	5X1=5

**SUBJECT: HISTORY**

- **Class XII SEMESTER 3 TOPICS: [MCQ] MARKS: 40 [ 1 MARK PER QUESTION ]**

Unit	Topic	Marks allotted
1	Through the eyes of the travellers. Cultural Amalgamation. Imperial Capital	20X1=20
2	Colonialism and Imperialism in the 19 <sup>th</sup> and 20 <sup>th</sup> centuries. Political basis of Colonialism. The Levers of Colonial Control	20X1=20

**SUBJECT: HEALTH AND PHYSICAL EDUCATION**

- **Class XII SEMESTER 3 TOPICS: [MCQ] MARKS: 35 [ 1 MARK PER QUESTION ]**

SI No	Topic	Marks allotted
1	Olympic Value Education Programme	7X1=7
2	Biological Basis of Physical Education	7X1=7
3	Modern Concept of Health & Hygiene	7X1=7
4	Prevention of Control of Communicable Diseases	7X1=7
5	Sports and Nutrition	7X1=7

**SUBJECT: JOURNALISM & MASS COMMUNICATION**

- **Class XII SEMESTER 3 TOPICS: [MCQ] MARKS: 35 [ 1 MARK PER QUESTION ]**

SI No	Topic	Marks allotted
1	Public Relations	12X1=12
2	Film	15X1=15
3	Convergent Media	8X1=8

**SUBJECT: MATHEMATICS**

- **Class XII SEMESTER III TOPICS: [MCQ] MARKS: 40 [ 1 MARK PER QUESTION ]**

SI No	Topic	Marks allotted
1	Relations and Functions , Inverse Trigonometric Functions	7X1=7
2	Algebra : Matrices and Determinants	10X1=10
3	Calculus : Continuity & Differentiability , Application of	15X1=15

	Derivatives	
4	Probability	8X1=8

**SUBJECT: MUSIC**

- **Class XII SEMESTER 3 TOPICS: [MCQ] MARKS: 20 [ 1 MARK PER QUESTION ]**

SI No	Topic	Marks allotted
1	Hindusthani Sangeet	10X1=10
2	Rabindra Sangeet	6X1=6
3	Bangla Gaan	4X1=4

**SUBJECT: NEPALI-A**

- **Class XII SEMESTER III TOPICS: [MCQ] MARKS: 40 [ 1 MARK PER QUESTION ]**

SI No	Topic	Marks allotted
1	गद्य	10x1=10
2	पद्य	10x1=10
3	नाटक	10x1=10
4	व्याकरणरचना	10x1=10

**SUBJECT: NEPALI-B**

- **Class XII SEMESTER III TOPICS: [MCQ] MARKS: 40 [ 1 MARK PER QUESTION ]**

SI No	Topic	Marks allotted
1	गद्य	10x1=10
2	पद्य	10x1=10
3	व्याकरणरचना	20x1=20

**SUBJECT: NUTRITION**

- **Class XII SEMESTER III TOPICS: [MCQ] MARKS: 35 [ 1 MARK PER QUESTION ]**

SI No	Topic	Marks allotted
1	Nutritive Phase of Digestion and Absorption	12X1=12
2	Nutritive Phase of Metabolism	13X1=13
3	Food Safety and Sanitation	10X1=10

**SUBJECT: ODIA**

- **Class XII SEMESTER 1 TOPICS: [MCQ] MARKS: 40 [ 1 MARK PER QUESTION ]**

SI No	Topic	Marks allotted
1	Prabandha	7X1=7
2	Kabita	7X1=7
3	Galpa	7X1=7
4	Bhasa	12X1=12
5	Odia Sahitya Samaj , Sanskrutir Itihas	7X1=7

**SUBJECT: PHILOSOPHY**

- **Class XII SEMESTER 3 TOPICS: [MCQ] MARKS: 40 [ 1 MARK PER QUESTION ]**

SI No	Topic	Marks allotted
1	Introduction to Metaphysics-Indian and Western	20X1=20
2	Ethics, Social and political Philosophy	20X1=20

**SUBJECT: PHYSICS**

- **Class XII SEMESTER III TOPICS: [MCQ] MARKS: 35 [ 1 MARK PER QUESTION ]**

SI No	Topic	Marks allotted
1	Electrostatics	8X1=8
2	Current Electricity	8X1=8
3	Magnetic Effect of Current	8X1=8

4	Electromagnetic Induction	8X1=8
5	Electromagnetic Waves	3X1=3

**SUBJECT: POLITICAL SCIENCE**

- Class XII SEMESTER 3 TOPICS : [MCQ] MARKS : 40

Sl. No./Unit	Topic	Marks allotted
	1 :Contemporary World Politics 2 : Indian Government and Contemporary Politics	
1	International Relations in the Post Second World War Period	8x1=8
2	International Organizations and Institutions	8x1=8
3	Security in the Contemporary World	7x1=7
4	Challenges of Nation-Building	5x1=5
5	Political Parties and Party System	5x1=5
6	India's Foreign Policy	7x1=7

**SUBJECT: PERSIAN**

- Class XII SEMESTER 3 TOPICS: [MCQ] MARKS: 40 [ 1 MARK PER QUESTION ]

SI No	Topic	Marks allotted
1	Prose( including forms of Prose)	13X1=13
2	Poetry ( including forms of Poetry )	12X1=12
3	Applied Grammar	10X1=10
4	Translation	5X1=5

**SUBJECT: SANTHALI**

- Class XII SEMESTER 3 TOPICS: [MCQ] MARKS: 40 [ 1 MARK PER QUESTION ]

SI No	Topic	Marks allotted
1	Prose & Story	10X1=10
2	Poetry	10X1=10
3	Rapid Reader	5X1=5
4	Play	5X1=5
5	History of Literature	5X1=5
6	Grammar	5X1=5

**SUBJECT: SOCIOLOGY**

- Class XII SEMESTER 3 TOPICS: [MCQ] MARKS: 40 [ 1 MARK PER QUESTION ]

Unit	Topic	Marks allotted
1	Sociology in india	8X1=8
2	Social Change in india : Continuity and Change	7X1=7
3	Changes in Social Structure	25X1=25

**SUBJECT: SOWB**

- Class XI SEMESTER 3 TOPICS: [MCQ] MARKS: 40 [ 1 MARK PER QUESTION ]

SI No	Topic	Marks allotted
1	Concept of Environmental Wellbeing	20X1=20
2	Concept of Financial Wellbeing	20X1=20

**SUBJECT: STATISTICS**

- Class XII SEMESTER III TOPICS: [MCQ] MARKS: 35 [ 1 MARK PER QUESTION ]

SI No	Topic	Marks allotted
1	Unit 1	6X1=6
2	Unit 2	10X1=10
3	Unit 3	12X1=12

4	Unit 4	2X1=2
5	Unit 5	5X1=5

**SUBJECT: TELUGU**

- **Class XII SEMESTER 3 TOPICS: [MCQ] MARKS: 40 [ 1 MARK PER QUESTION ]**

Sl No	Topic	Marks allotted
1	Poetry	15X1=15
2	Prose	15X1=15
3	History of Telugu Literature	6X1=6
4	Grammar	4X1=4

**SUBJECT: URDU**

- **Class XII SEMESTER 3 TOPICS: [MCQ] MARKS: 40 [ 1 MARK PER QUESTION ]**

Sl No	Topic	Marks allotted
1	Prose	10X1=10
2	Poetry	10X1=10
3	Fiction	5X1=5
4	Drama	5X1=5
5	History of Urdu Literature	10X1=10

**SUBJECT: VISA**

- **Class XII SEMESTER 3 TOPICS: [MCQ] MARKS: 20 [ 1 MARK PER QUESTION ]**

Unit	Topic	Marks allotted
Group A : Unit I & II	Indian & Western Art	12X1=12
Group B	Creative Handicrafts , Design and Sculpture	8X1=8

**SUBJECT: AIDS**

- **Class XII SEMESTER 3 TOPICS: [MCQ] MARKS: 35 [ 1 MARK PER QUESTION ]**

Unit	Topic	Marks allotted
1	First order predicate logic	4X1=4
2	Uncertainty Management	2X1=2
3	Data Visualization	10X1=10
4	Introduction to Machine Learning	5x1=5
5	Supervised learning	14x1=14

**SUBJECT: EVSC**

- **Class XII SEMESTER 3 TOPICS: [MCQ] MARKS: 35 [ 1 MARK PER QUESTION ]**

Chapter	Topic	Marks allotted
7	Environmental Microbiology and Biotechnology	12X1=12
8	Environmental Health and Toxicology	12 X1=12
9	Environmental Legislation and Policy	11 X 1 =11

**SUBJECT: FSAQ**

CLASS XII SEMESTER 3 TOPICS: [ MCQ] MARKS: 35 [ 1 MARK PER QUESTION]

Sl. No.	Topic	Marks allotted
1	<b>Unit 7: Fish feed and feed management</b> Chapter 1: Fish feed manufacturing Chapter 2: Feed management Chapter 3: Feed quality	1X16=16
2	<b>Unit 8: Fish pathology and health management</b> Chapter 4: Fin Fish Pathology Chapter 5: Shell Fish Pathology Chapter 6: Fish health management	1X13=13
3	<b>Unit 9- Fish behavior</b> Chapter 7: Fish parental care Chapter 8: Fish migration	1X6=6

**SUBJECT: BMBS**

- **Class XII SEMESTER 3 TOPICS: [MCQ] MARKS: 40 [ 1 MARK PER QUESTION ]**

Unit	Topic	Marks allotted
I - Algebra	Banking - 4 X 1 =4 Shares & Dividends - 3 X 1 =3 Laws of Indices - 3 X 1 =3 Logarithm - 4 X 1 =4	14X1=14
II	Geometry	6X1=6
III-Statistics	Graphical representation of statistical data- 6 X 1 =6 Measurement of dispersion - 6 X 1 = 6 Index Numbers - 4 X 1 =4	16 X 1=16
IV	Logical Reasoning	4 X 1 =4

**SUBJECT: BMSS**

- **Class XII SEMESTER 3 TOPICS: [MCQ] MARKS: 40 [ 1 MARK PER QUESTION ]**

Unit	Topic	Marks allotted
I - Algebra	AP and sequences - 5 X 1 =5 GP and sequences - 5 X 1 =5 AP and GP mean - 2 X 1 =2	12X1=12
II	Mathematical Reasoning	4X1=4
III	Statistics	8 X 1=8
IV-Coordinate Geometry	2D - Geometry - 8 X 1 =8 3D - Geometry - 8 X 1 =8	16 X 1 =16