



## **TERM -1 MCQ BASED QUESTION PAPER**

**SUBJECT: ECONOMICS**

**THEORY 40 MARKS**

**PROJECT WORK 10 MARKS**

UNITS	CHAPTER NAME	MARKS
PART A STATISTICS FOR ECONOMICS (Weightage 23 marks)	Chapter-1 Concept of Economics and significance of statistics in Economics	4
	Chapter 2 Collection of Data  Chapter 3 Census and Sample Methods of Collection of Data  Chapter 4 Organization of Data Chapter 5 Presentation of data-Textual and Tabular Presentation Ch-6 Bar Diagrams and Pie diagrams Chapter -7 Frequency diagrams Chapter -8 Arithmetic line graphs or Time series graphs	9
	Chapter 9 Measure of central tendency – Arithmetic Mean Chapter 10 Measure of Central Tendency – Median and Mode	10
PART B MICROECONOMICS (Weightage 17 marks)	Chapter -1 Economics and Economy Chapter -2 Central Problems of an Economy	4
	Chapter -3 Consumer's Equilibrium- Utility Analysis	13

	Chapter -4 Consumer's Equilibrium Indifference curve analysis Chapter-5 Theory of Demand Chapter-6 Price Elasticity of Demand	
<b>PART C</b> <b>PROJECT WORK</b> (Weightage 10 marks)	<b>TOPICS:</b>  · Opportunity Cost as an Economic Tool (taking real life situations)/ · Effect of Price Change on a Substitute Good (taking prices from real life visiting local market/ · Solar Energy, a Cost Effective Comparison with/ Conventional Energy Sources/ · Bumper Production- Boon or Bane for the Farmer	10

## **TERM II SUBJECTIVE BASED QUESTION PAPER**

UNITS	CHAPTER NAME	MARKS
<b>PART A</b> <b>SATISTICS FOR ECONOMICS</b> (Weightage 17 marks)	Chapter-11 Measures of Dispersion Chapter-12 Correlation Chapter-13 Index Numbers	17
<b>PART B</b> <b>MICROECONOMICS</b> (Weightage 23 marks)	Chapter -7 Production Function and returns to factor Chapter -8 Concepts of Costs Chapter-9 Concepts of Revenue Chapter-10 Producer's Equilibrium Chapter-11 Theory of Supply	13
	Chapter-12 Forms of Market	10

	Chapter 13 Market equilibrium under perfect Competition	
<b>PART C PROJECT WORK (Weightage 10 marks)</b>	<b>TOPICS:</b> <ul style="list-style-type: none"> <li>·Opportunity Cost as an Economic Tool (taking real life situations)/</li> <li>·Effect of Price Change on a Substitute Good (taking prices from real life visiting local market/</li> <li>·Solar Energy, a Cost Effective Comparison with/ Conventional Energy Sources/</li> <li>·Bumper Production- Boon or Bane for the Farmer</li> </ul>	10

NOTE: 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 MCQ BASED QUESTION PAPER**

**SUBJECT: POLITICAL SCIENCE**

**THEORY 40 MARKS**

**PROJECT WORK 10 MARKS**

	UNITS	CHAPTER NAME	MARKS
PART A: INDIAN CONSTITUTION AT WORK	1	CONSTITUTION	12
	2	ELECTION AND REPRESENTATION	05
	3	LOCAL GOVERNMENTS	03
PART B: POLITICAL THEORY	4	POLITICAL THEORY: AN INTRODUCTION	07
	5	RIGHTS	07
	6	DEVELOPEMENT	06

**TOTAL WEIGHTAGE 40 MARKS**

## **TERM II SUBJECTIVE BASED QUESTION PAPER**

**THEORY 40 MARKS**

**PROJECT WORK 10 MARKS**

	UNITS	CHAPTER NAME	MARKS
PART A: INDIAN CONSTITUTION AT WORK	7	LEGISLATURE	07
	8	EXECUTIVE	07
	9	JUDICIARY	06
PART B: POLITICAL THEORY	10	LIBERTY	07
	11	EQUALITY	07
	12	JUSTICE	06

NOTE: 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 I	=	40 MARKS
TERM II	=	40 MARKS
PROJECTS WORK	=	20 MARKS
TOTAL	=	100 MARKS

**SUBJECT: HISTORY**

**TERM -1 MCQ BASED QUESTION PAPER**

**THEORY : 40 MARKS**

**PROJECT : 10 MARKS**

S. NO	THEMES	WEIGHTAGE (IN MARKS)
1.	Theme 2 - Writing And City Life	10
2.	Theme 3 - An Empire Across Three Continents	10
3.	Theme 4 - Central Islamic lands	10
4.	Theme 6 - The Three Orders	10
	<b>TOTAL</b>	<b>40</b>

\* Map work included in both the terms.

**TERM II SUBJECTIVE BASED QUESTION PAPER**

**THEORY : 40 MARKS**

**PROJECT : 10 MARKS**

S. NO	THEMES	WEIGHTAGE (IN MARKS)
5.	Theme 7 - Changing Cultural Traditions	10
6.	Theme 9 - The Industrial Revolution	10
7.	Theme 10 - Displacing Indigenous People	10
8.	Theme 11 - Paths To Modernization	10
	<b>TOTAL</b>	<b>40</b>

\* Map work included in both the terms

## SUBJECT – ENGLISH

SECTION	TERM I	MARKS
A	<p>Reading Comprehension:</p> <ul style="list-style-type: none"> <li>• Unseen passage (factual, descriptive or literary/ discursive or persuasive)</li> <li>• Case Based Unseen (Factual) Passage</li> </ul>	8 + 5 = 13
B	<p>Creative Writing Skills and Grammar:</p> <p>Short Writing Tasks</p> <ul style="list-style-type: none"> <li>• Notice Writing</li> </ul> <p>Long Writing Tasks -</p> <ul style="list-style-type: none"> <li>• Business or Official Letters(Making enquiries, registering complaints, asking for or giving information, placing orders and sending replies)</li> <li>• Speech</li> </ul> <p>Grammar -</p> <ul style="list-style-type: none"> <li>• Determiners</li> <li>• Tenses</li> <li>• Re-ordering of Sentences</li> </ul> <p>{MCQs on Gap filling/ Transformation of Sentences }</p>	3 + 5 + 4 = 12
C	<p><b>LITERATURE:</b></p> <p>Literary-prose/poetry extracts (seen- texts) comprehension and appreciation. (Two Extracts)</p> <p>Questions Based on Texts to assess comprehension and appreciation, analysis, inference, extrapolation</p> <p><b>HORNBILL:</b></p> <ul style="list-style-type: none"> <li>• The Portrait of a Lady (Prose)</li> <li>• A Photograph (Poem)</li> <li>• “We’re Not Afraid to Die... if We Can All Be Together” (Prose)</li> <li>• Discovering Tut: the Saga Continues</li> <li>• The Laburnum Top (Poem)</li> <li>• Landscape of the Soul (Prose)</li> </ul> <p><b>SNAPSHOTS:</b></p> <ul style="list-style-type: none"> <li>• The Summer of the Beautiful White Horse(Prose)</li> <li>• The Address (Prose)</li> </ul>	9 Marks for Hornbill + 6 Marks for Snapshots = 15 Marks

	•Ranga's Marriage (Prose)	
	TOTAL	40
	ASL	10
	GRAND TOTAL	40 +10 =50

## ENGLISH- TERM II

SECTION	TERM I	WEIGHTAGE (IN MARKS)
A	Reading Comprehension: <ul style="list-style-type: none"> <li>• Unseen passage (factual, descriptive or literary /discursive or persuasive)</li> <li>• Unseen passage for Note Making and Summarizing</li> </ul>	8 + 5 = 13
B	Creative Writing Skills and Grammar: <p>Short Writing Tasks-</p> <ul style="list-style-type: none"> <li>• Posters</li> </ul> <p>Long Writing Tasks-</p> <ul style="list-style-type: none"> <li>• Official Letters: e.g. to school/college authorities (regarding admissions, school issues, requirements / suitability of courses)</li> <li>• Debate</li> </ul> <p>Grammar -</p> <ul style="list-style-type: none"> <li>• Determiners</li> <li>• Tenses</li> <li>• Re-ordering of Sentences</li> </ul> <p>{MCQs on Gap filling/ Transformation of Sentences }</p>	3 + 5 + 4 = 12
C	Literature: <p><b>HORNBILL:</b></p> <ul style="list-style-type: none"> <li>• The Voice of the Rain (Poem)</li> <li>• The Ailing Planet: The Green Movement's Role (Prose)</li> <li>• The Browning Version (Play)</li> <li>• Childhood (Poem)</li> <li>• Silk Road (Prose)</li> </ul> <p><b>SNAPSHOTS:</b></p>	9 Marks for Hornbill + 6 Marks for Snapshots = 15 Marks

	<ul style="list-style-type: none"> <li>• Albert Einstein at School (Prose)</li> <li>• Mother's Day (Play)</li> <li>• Birth (Prose)</li> </ul>	
	TOTAL	40
	ASL	10
	GRAND TOTAL	40 + 10 = 50

### **OPTIONAL SUBJECTS**

#### GEOGRAPHY

#### TERM I MCQ BASED QUESTION PAPER

THEORY: 35 MARKS

PROJECT WORK: 15 MARKS

UNIT	CHAPTER NAME	MARKS
PART A (FUNDAMENTALS OF PHYSICAL GEOGRAPHY) (Weightage 15 marks)	Chapter –1 Geography as a discipline	3
	Chapter –2 The origin and evolution of earth Chapter - 3Interior of the Earth	9
	Chapter –5 Mineral and Rocks	3
PART B (INDIA: PHYSICAL ENVIRONMENT) (Weightage 15 marks)	Chapter-1 India- Location	7
	Chapter-3 Drainage System	8
	MAP WORK	5
PART C (PRACTICAL WORK)	Chapter-1 Introduction to maps Chapter-2 Map Scale Chapter-3Latitude,Logitude and Time	15

#### TERM II SUBJECTIVE BASED QUESTION PAPER

UNIT	CHAPTER NAME	MARKS
PART A (FUNDAMENTALS OF PHYSICAL	Chapter –8 Composition and structure of Atmosphere Chapter –9 Solar Radiation ,Heat balance and	8



GEOGRAPHY) (Weightage 15 marks)	Temperature Chapter –10 Atmospheric Circulation and Weather systems Chapter –11 Water in the Atmosphere	
	Chapter-14 Movement of Ocean Water	4
	Chapter-15 Life on the Earth Chapter-16 Biodiversity and Conservation	3
PART B (INDIA: PHYSICAL ENVIRONMENT) (Weightage 15 marks)	Chapter- 4 Climate Chapter-5 Natural Vegetation Chapter-6 Soils	15
	MAP WORK	5
PART C (PRACTICAL WORK)	Chapter-6 Introduction to Aerial Photographs Chapter-7 Introduction to Remote Sensing Chapter- 8 Weather Instruments, Maps and Charts	15

## PHYSICAL EDUCATION

TERM I MCQ BASED QUESTION PAPER

THEORY: 35 MARKS

PROJECT WORK: 15 MARKS

UNIT	CHAPTER NAME	MARKS
PARRT A (THEORY PART)	<u>Chapter 1</u> Changing trend and career in physical education <u>Chapter 2</u> Olympic value education <u>Chapter 3</u> Physical fitness, wellness & Lifestyle <u>Chapter 4</u> Physical education & Sports for CWSN ( CHILDREN WITH SPECIAL NEEDS-DIVYAANG) <u>Chapter 5</u> Yoga	35
PARRT B ( PRACTICAL PART)	<u>Project file</u> -Athletic Game , Yogic practice -Demonstration of yogic practice	15

	-Viva Voce ( From project file)	
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### TERM II SUBJECTIVE BASED QUESTION PAPER

UNIT	CHAPTER NAME	MARKS
PARRT A (THEORY PART)	<u>CHAPTER 7</u> Test measurement and evaluation <u>CHAPTER 8</u> Fundamentals of Anatomy, physiology & Kinesiology in sports <u>CHAPTER 9</u> Psychology & Sports <u>CHAPTER 10</u> Training and Doping in sports	35
PARRT B ( PRACTICAL PART)	<u>Project File</u> <u>-About one sport/game of choice</u> <u>-Computation of BMI( Graphical representation of data)</u> <u>-List of national current awardees</u> <u>-- Viva Voce ( From project file)</u>	15

## MUSIC

**Theory:15marks**

**Practical:35marks**

### **Term-1 MCQ Based Question Paper**

Unit-1	Briefstudyofthefollowing:Nada,Shruti,Swar,Saptak.	3
Unit-2	BriefHistoryofthefollowing:Raga,Khayal	3
Unit-3	BriefStudyofMusicalelements in Natya Shastra	3
Unit-4	TalaNotationinThah,DugunandChaugun:- Teentala,EktalawithPractical	3
Unit-5	Ragas:-  BhairaviandBihagTheoryandPractical	3

### **Term-2 Subjective Based Question Paper**

Unit-1	Briefstudyofthefollowing:  Thaat,Jati,Laya,Tala,Margi-Desisangeet	3
Unit-2	BriefStudyofDhrupadandTarana	3
Unit-3	LifeSketchofTansen,V.NBhatkhandeandV.DPalusker	3
Unit-4	KnowledgeoftheStructureofTanpura	3
Unit-5	RaagBhimpalasiandtalaekgundugunandChaugan	3

## **SUBJECT: INFORMATICES PRACTICES**

**THEORY - 35 MARKS**

**PRACTICAL:15 MARKS**

### **TERM -1 MCQ BASED QUESTION PAPER**

<b>UNIT</b>	<b>CHAPTER NAME</b>	<b>MARKS</b>
<b>Unit 1:Introduction to Computer System</b>	Chapter-1: Computer System	10
<b>Unit 2:Introduction to Python</b>	Chapter-3: Brief Overview of Python Chapter-4: Working with Lists and Dictionaries	25
<b>Practical</b>	Python program (pen and paper ) + Practical File + Viva	10+3+2=15

### **TERM II SUBJECTIVE BASED QUESTION PAPER**

<b>UNIT</b>	<b>CHAPTER NAME</b>	<b>MARKS</b>
<b>Unit 3:Database concepts and the Structured Query Language</b>	Chapter-7: Database Concepts Chapter-8: Introduction to Structured Query Language	30
<b>Unit 4:Introduction to the Emerging Trends</b>	Chapter-2: Emerging Trends	5
<b>Practical</b>	SQL Queries (pen and paper) + Practical File + Viva	8+4+3=15

## APPLIED MATHS 241

### TERM – I OBJECTIVE TYPE

UNIT	CHAPTERS	MARKS
NUMBERS, QUANTIFIERS AND NUMERICAL APPLICATIONS	1.1 NUMBER THEORY 1.2 LOGRITHM AND ANTILOGRITHM 1.3 NUMERICAL APPLICATIONS	9
ALGEBRA	2.1 SET THEORY 2.2 RELATIONS 2.3 SEQUENCE AND SERIES	9
MATHEMATICAL REASONING	3.1 MATHEMATICAL AND LOGICAL REASONING	6
CALCULUS	4.1 FUNCTIONS	4
DESCRIPTIVE STATISTICS	5.1 DATA ANALYSIS 5.2 DATA INTERPRETATION 5.3 CORRELATION ANALYSIS	12
INTERNAL ASSESSMENT		10

### TERM – II SUBJECTIVE TYPE

UNIT	CHAPTERS	MARKS
ALGEBRA (CONT)	1.1 PERMUTATIONS AND COMBINATIONS	6
CALCULUS (CONT)	2.1 LIMITS AND DERIVATIVES	6
PROBABILITY	3.1 PROBABILITY 3.2 BAYES THEOREM	8
FINANCIAL MATHEMATICS	4.1 SIMPLE INTEREST 4.2 COMPOUND INTEREST 4.3 ANNUITY 4.4 TAXATION 4.5 BILLS	15
COORDINATE GEOMETRY	5.1 STRAIGHT LINES 5.2 CIRCLES 5.3 PARABOLA	5
INTERNAL ASSESSMENT		10

## **PURE MATHS 041**

### **TERM-I OBJECTIVE TYPE**

UNIT	CHAPTER	MARKS
SETS AND FUNCTIONS	1. SETS 2. 2. RELATIONS	11
ALGEBRA	5. COMPLEX NUMBERS 9. SEQUENCE AND SERIES	13
COORDINATE GEOMETRY	10. STRAIGHT LINES	6
CALCULUS	13. LIMITS	4
STATISTICS AND PROBABILITY	15. STATISTICS	6
INTERNAL ASSESSMENT		10

### **TERM-II SUBJECTIVE TYPE**

UNIT	CHAPTERS	MARKS
SETS AND FUNCTIONS	3. TRIGONOMETRY	8
ALGEBRA	6. LINEAR INEQUALITIES 7. PERMUTATIONS AND COMBINATIONS	11
COORDINATE GEOMETRY	11. CONIC SECTIONS 12. THREE DIMENSIONAL GEOMETRY	9
CALCULUS	13. DERIVATIVES	6
STATISTICS AND PROBABILITY	16. PROBABILITY	6
INTERNAL ASSESSMENT		10

## **PSYCHOLOGY**

### **TERM -1 MCQ BASED QUESTION PAPER**

**THEORY-35 MARKS**

**PRACTICAL-15 MARKS**

UNITS	TOPICS	MARKS
1	What is Psychology?	10
2	Methods of Enquiry in Psychology	13
3	The Bases of Human Behaviour	12
	Total	35
Practical ( Project)	15 Marks	

The students shall be required to undertake one project. The project would involve the use of different methods of enquiry and related skills.

1. Project File- 06 Marks
2. Presentation of Project- 06 Marks
3. Viva Voce ( Project)- 03 Marks

### **TERM- 2 SUBJECTIVE BASED QUESTION PAPER**

**Theory- 35 Marks**

**Practical- 15 Marks**

UNITS	TOPICS	MARKS
4	Human Development	9
5	Sensory, Attentional & Perceptual Processes	8

6	Learning	10
7	Human Memory	8
	Total	35

## Term -2 Practical ( 15 Marks)

The students shall be required to conduct one experiment related to the topics covered in the course( e.g. Human Development, Learning, Memory etc.)

Practical Examination

1. Practical ( Experiment )File- 05 Marks
2. Viva Voce ( Experiment)- 03 Marks
3. Conduct of one experiment and report writing- 07 Marks ( 03 Marks for conduct of experiment and 04 Marks for report writing)

## **SUBJECT: Fine Arts(Painting)**

### **TERM -1 MCQ BASED QUESTION PAPER**

**THEORY : 15 MARKS**

**PRACTICAL : TERM-1 : 35 MARKS**

<b>PAINTING COMPOSITION</b>	<b>25 MARKS</b>
<b>PORTFOLIO ASSESSMENT</b>	<b>10 MARKS</b>

<b>UNIT</b>	<b>CONTENT</b>	<b>WEIGHTAGE (IN MARKS)</b>
<b>UNIT 1  1.</b>	<b>Pre-Historic rock paintings and art of Indus Valley</b> A. Pre-Historic Rock-Paintings Introduction 1) Period and Location 2) Study and appreciation of following b Prehistoric paintings: i. Wizard's Dance, Bhimbethaka	
	B. Introduction 1) Period and Location. 2) Extension: In about 1500 miles.	



	<ul style="list-style-type: none"> <li>i. Harappa &amp; Mohenjo-daro (Now in Pakistan)</li> <li>ii. Ropar, Lothal, Rangpur, Alamgirpur, Kali Bangan, Banawali and Dholavira (in India)</li> </ul>	
<b>2.</b>	<b>Study and appreciation of following: Sculptures and Terra cottas:</b> <ul style="list-style-type: none"> <li>i. Dancing girl (Mohenjo-daro) Bronze, 10.5 x 5 x 2.5 cm. Circa 2500 B.C. (Collection: National Museum, New Delhi).</li> <li>ii. Male Torso (Harappa) Red lime Stone, 9.2 x 5.8 x 3 cms. Circa 2500 B.C. (Collection: National Museum, New Delhi)</li> <li>iii. Mother Goddess (Mohenjo-daro) terracotta, 22 x 8 x 5 c Circa 2500 B.C. (Collection: National Museum, New Delhi).</li> </ul>	<b>8</b>
<b>3.</b>	<b>Study and Appreciation of following Seal:</b> <ul style="list-style-type: none"> <li>i. Bull (Mohenjo-daro) Stone (Steatite), 2.5 x 2.5 x 1.4 cm. Circa 2500 B.C. (Collection: National Museum, New Delhi). Decoration on earthen wares: Painted earthen-ware (Jar) Mohenjo-daro (Collection: National Museum, New Delhi).</li> </ul>	
<b>UNIT 2</b>	<b>Buddhist, Jain and Hindu Art (3rd century B.C. to 8th century A.D.)</b>	
<b>1.</b>	<b>General Introduction to Art during Mauryan, Shunga, Kushana (Gandhara and Mathura styles) and Gupta period:</b>	
<b>2.</b>	<b>Study and appreciation of following Sculptures:</b> <ul style="list-style-type: none"> <li>i. Lion Capital from Sarnath (Mauryan period) Polished sandstone, Circa 3rd Century B.C. (Collection: Sarnath Museum, U.P.)</li> <li>ii. Chauri Bearer from Didar Ganj (Yakshi) (Mauryan period) Polished sandstone Circa 3rd Century B.C. (Collection: Patna Museum, Bihar)</li> <li>iii. Seated Buddha from Katra Mound, Mathura-(Kushan Period-Mathura Style) Red-spotted Sand Stone, Circa 3rd Century AD. (Collection: Govt. Museum, Mathura)</li> <li>iv. Jain Tirathankara (Gupta period) Stone Circa 5th Century A.D. (Collection: State Museum, Lucknow U.P.)</li> </ul>	<b>7</b>

	appreciation of following Sculptures:	
<b>3.</b>	<b>Introduction to Ajanta Location</b> Period, No of caves, Chaitya and Vihara, paintings and sculptures, subject matter and technique etc.	
	<b>TOTAL</b>	<b>15</b>


## **TERM II SUBJECTIVE BASED QUESTION PAPER**

**THEORY : 15 MARKS**

**PRACTICAL : TERM- II : 35 MARKS**

<b>NATURE AND OBJECT STUDY</b>	<b>25 MARKS</b>
<b>PORTFOLIO ASSESSMENT</b>	<b>10 MARKS</b>

<b>UNIT</b>	<b>CONTENT</b>	<b>WEIGHTAGE (IN MARKS)</b>
<b>UNIT 3</b>	<p><b>Unit 3 Temple Sculpture, Bronzes and artistic aspects of Indo-Islamic Architecture</b></p> <p>Artistic aspects of Indian Temple sculpture (6th Century A.D. to 13th Century A.D.)</p> <ol style="list-style-type: none"> <li>1) Introduction to Temple Sculpture (6th Century A.D. to 13th Century A.D.)</li> <li>2) Study and appreciation of following Temple-Sculptures:               <ol style="list-style-type: none"> <li>i. Descent of Ganga (Pallava period, Mahabalipuram, Tamil Nadu), granite rock Circa 7th Century A.D.</li> <li>ii. Trimuti (Elephanta, Maharashtra) Stone Circa 9th Century A.D.</li> <li>iii. Lakshmi Narayana (Kandariya Mahadev Temple) (Chandela period, Khajuraho, Madhya Pradesh) Stone Circa 10th Century A.D.</li> <li>iv. Cymbal Player, Sun Temple (Ganga</li> </ol> </li> </ol>	<b>8</b>

	<p>Dynasty, Konark, Orrisa) Stone Circa 13th Century A.D.</p> <p>v. Mother and Child (Vimal-Shah Temple, Solanki Dynasty, Dilwara, Mount Abu; Rajasthan) white marble, Circa 13th Century A.D.</p>	
<b>UNIT 4</b>	<b>Bronzes and Artistic aspects of Indo-Islamic architecture</b>	
<b>1.</b>	Introduction to Indian Bronzes.	
<b>2.</b>	Method of casting (solid and hollow)	
<b>3.</b>	<b>Study and appreciation of following South Indian Bronze:</b> <p>i. Nataraj (Chola period Thanjavur Distt.,Tamil Nadu) 12th Century A.D. (Collection : National Museum, New Delhi)</p>	
	<b>TOTAL</b>	<b>7</b>
		<b>15</b>