



# Sir Padampat Singhania Education Centre

Kamla Nagar Kanpur

## Class XI

### HALF YEARLY EXAMINATION (2024-2025) DATESHEET

Date	Day	Subjects
16/09/2024	Monday	Chemistry/ Bst/ History
19/09/2024	Thursday	English
21/09/2024	Saturday	Biology / Economics
23/09/2024	Monday	Mathematics/ Applied Maths/Sociology
25/09/2024	Wednesday	Physics/ Accounts/ Pol. Science
27/09/2024	Friday	5 <sup>th</sup> Subject
28/09/2024	Saturday	6 <sup>th</sup> Subject

### SYLLABUS & BLUEPRINT

#### **English (301):**

##### **Section A - Reading Comprehension [26 Marks]**

- Unseen Discursive Passage  
(Objective Type Questions, including Multiple Choice Questions, Very Short Answer Type Questions, One word/One Phrase/One sentence)
- Unseen Case-Based Passage  
(Objective Type Questions, including Multiple Choice Questions, Very Short Answer Type Questions, One word/One Phrase/One sentence)
- Note-Making and Summarization

##### **Section B - Grammar & Creative Writing Skills**

###### Grammar

- Tenses
- ###### Creative Writing Skills
- Classified Advertisements
  - Poster Making
  - Speech Writing

##### **Section C - Literature**

###### Hornbill - Prose

- The Portrait of a Lady
- Discovering Tut: the Saga Continues
- "We're not afraid to die.....if we can all be together"

###### Hornbill - Poetry

- A Photograph (Poem)
- The Voice of the Rain (Poem)
- The Laburnum Top (Poem)

###### Snapshots

- The Summer of the Beautiful White Horse
- The Address
- Mother's Day

##### **Blueprint**

##### **Section A - READING COMPREHENSION (26 Marks)**

- One unseen passage (10m)  
(4 MCQs + 2 Objectives Type + 2 Short Answers Type)  
(1+1+1+1=4)+(1+1=2)+(2+2=4)= (10 M)
- One unseen passage (8m)  
(2 MCQs + 2 Objectives Type + 2 Short Answers Type)  
(1+1=2)+(1+1=2)+(2+2=4)= (8M)
- (a) Note-Making- (5m)  
(b) Summarization- (3m)

##### **Section B - Grammar and Creative Writing Skills (23 Marks)**

- ###### Grammar (7m)
- Tenses (Questions on Gap filling) (1X4=4m)
  - Re-ordering of sentences (1x3=3m)
- ###### Creative Writing Skills (16m)
- Classified Advertisements (4m)
  - Poster Making (5m)
  - Speech Writing (7m)

#### **Hindi (302) :**

##### **खंड - क**

- अपठित बोध (18m)  
अपठित गद्यांश  
अपठित काव्यांश

##### **खंड - ख (अभिव्यक्ति और माध्यम पुस्तक से) (22m)**

जनसंचार माध्यम, पत्रकारिता के विविध आयाम,  
डायरी लिखने की कला, कथा-पटकथा, कार्यालयी लेखन और प्रक्रिया,  
रचनात्मक लेखन, औपचारिक पत्र लेखन,

##### **खंड - ग(आरोह भाग - 1, वितान भाग - 1) (40m)**

##### **काव्य खंड (15m)**

हम तौ एक एक करि जानां (कबीरदास), मेरे तो गिरिधर गोपाल,  
(मीराबाई), घर की याद (भवानी प्रसाद मिश्र), चंपा काले काले अच्छर नहीं  
चीन्हती (त्रिलोचन), गजल (दुष्यंत कुमार), हे भूख मत मचल, हे मेरे जूही  
के फूल जैसे ईश्वर(अक्कमहादेवी),

##### **गद्य खंड (15m)**

नमक का दरोगा (प्रेमचंद), मियां नसीरुद्दीन( कृष्णा सोवती), अपू के साथ  
ढाई साल (सत्यजीत राय), विदाई संभाषण (बालमुकुंद गुप्त), जामुन का पेड़

##### **वितान खंड (10m)**

- भारतीय गायिकाओं में बेजोड़: लता मंगेशकर (कुमार गंधर्व)
- आलो-आँधारि

##### **Blueprint -**

##### **खंड - क (अपठित बोध Marks-18)**

1-अपठित गद्यांश =

(10m)  
[1mx3=3(mcq) 1mx1=1(VSAQ) 2x3=6(SAQ)]

2-अपठित काव्यांश =

(8m)  
[1mx3=3(mcq) 1mx1=1(VSAQ) 2x2=4(SAQ)]

**खंड - ख (अभिव्यक्ति और माध्यम पुस्तक के पाठ: 1,2,9,10 पर आधारित प्रश्नोत्तर Marks-22)**

3-रचनात्मक लेखन (6m×1=6m)

4-पत्र लेखन (5x1=5m)

5-अभिव्यक्ति और माध्यम पुस्तक से पाठ 1,2,9,16 पर आधारित

(2x4=8m ;3x1=3m)

##### **खंड-ग (Marks -40)**

आरोह भाग - 1 & वितान भाग - 1

<p><b>Section C – Literature (31 Marks)</b></p> <p>9. One Poetry Extract (Hornbill) <b>(3x1=3m)</b></p> <p>10. One Prose Extract (Hornbill) <b>(3x1=3m)</b></p> <p>11. One Prose Extract (Snapshots) <b>(4x1=4m)</b></p> <p>12. Two Short Answer Type Questions (Prose and Poetry- Hornbill) <b>(3x2=6m)</b></p> <p>13. One Short Answer Type Questions (Prose-Snapshots) <b>(3m)</b></p> <p>14. One Long Answer Type Question (Prose/Poetry - Hornbill) <b>(6m)</b></p> <p>15. One Long Answer Type Question (Prose - Snapshots) <b>(6m)</b></p>	<p>6-पठित काव्यांश पर आधारित mcq <b>(1m×5=5m)</b></p> <p>7-काव्य खंड पर आधारित प्रश्नोत्तर <b>(3m×2=6m)</b></p> <p>8-काव्य खंड पर आधारित प्रश्नोत्तर <b>(2m×2=4m)</b></p> <p>9-पठित गद्यांश पर आधारित mcq <b>(1m×5=5m)</b></p> <p>10-गद्य खंड पर आधारित प्रश्नोत्तर <b>(3m×2=6m)</b></p> <p>11-गद्य खंड पर आधारित प्रश्नोत्तर <b>(2m×2=4m)</b></p> <p>12-पूक पुस्तक के पाठों पर आधारित प्रश्नोत्तर <b>(5m×2=10m)</b></p> <p><b>Total = 80 marks</b></p>
<p><b>Mathematics (041):</b></p> <p>1.Sets <b>1+1+2+3+4[cs]=11m</b></p> <p>2.Relations and Functions <b>1+1+1[AR]+3+5=11m</b></p> <p>3.Trigonometric Funcions <b>1+1+1+1+2+3+5=14m</b></p> <p>4.Complex nos.and Quadratic Equations <b>1+1+2+3=07m</b></p> <p>5.Linear Inequalities <b>1+2+5=08m</b></p> <p>6.Permutations &amp; Combinations <b>1+1+1+3+5+4[cs]=15m</b></p> <p>7.Binomial Theorem <b>1+3=04m</b></p> <p>8.Sequences and Series <b>1+1+1+1[AR]+2+4[cs]=10m</b></p> <p><b>Total =80 marks.</b></p> <p><b>Total no. of questions =38</b></p>	<p><b>Applied Mathematics (241):</b></p> <p>1.Numbers <b>1+1+2+3 =07m</b></p> <p>2.Indices and Logarithms <b>1+1+2 =04m</b></p> <p>3.Quantitative Aptitude <b>1+1+1+1[AR]+3+5 =12m</b></p> <p>4.Mensuration <b>1+1+2+3+4[cs]+5=16m</b></p> <p>5.Sets and Relations <b>1+1+3 =05m</b></p> <p>6.Sequences and Series <b>1+1+1[AR]+2+3+4[cs]+5 =17m</b></p> <p>7.Permutations and combinations <b>1+1+1+4[cs]+5=12m</b></p> <p>8.Functions <b>1+1+2+3=07m</b></p> <p><b>Total =80 marks.</b></p>
<p><b>Physics (042) :</b></p> <p>1. Chapter 1: Units and Measurement</p> <p>2. Chapter 2: Motion in a straight line</p> <p>3. Chapter 3: Motion in a Plane</p> <p>4. Chapter4: Laws of Motion</p> <p>5. Chapter 5: Work Power and Energy</p> <p>6. Chapter 6: System of Particles and Rotational motion</p> <p>7. Chapter 7: Gravitation</p> <p><b>Blueprint:</b></p> <p>Section A : 1 mark × 16 questions = 16 marks</p> <p>Section B : 2 marks × 05 questions = 10 marks</p> <p>Section C : 3 marks × 07 questions = 21 marks</p> <p>Section D : 4 marks × 02 questions = 08 marks</p> <p>Section E : 5 marks × 03 questions = 15 marks</p> <p><b>Total : 70 Marks</b></p>	<p><b>Biology (044):</b></p> <p>Chapter-1: The Living World</p> <p>Chapter-2: Biological Classification</p> <p>Chapter-3: Plant Kingdom</p> <p>Chapter-4: Animal Kingdom</p> <p>Chapter-5: Morphology of Flowering Plants</p> <p>Chapter-6: Anatomy of Flowering Plants</p> <p>Chapter-7: Structural Organisation in Animals</p> <p>Chapter-8: Cell-The Unit of Life</p> <p>Chapter-9: Biomolecules</p> <p>Chapter-10: Cell Cycle and Cell Division</p> <p><b>Blueprint:</b></p> <p>Section A : 1 mark × 16 questions = 16 marks</p> <p>Section B : 2 marks × 05 questions = 10 marks</p> <p>Section C : 3 marks × 07 questions = 21 marks</p> <p>Section D : 4 marks × 02 questions = 08 marks</p> <p>Section E : 5 marks × 03 questions = 15 marks</p> <p><b>Total : 70 Marks</b></p>
<p><b>Chemistry (043) :</b></p> <p>1. Basic concepts of chemistry</p> <p>2. Atomic structure</p> <p>3. Periodic classification</p> <p>4. Chemical Bonding</p> <p>5. Redox Reaction</p> <p><b>Blueprint</b></p> <p>Section A : 1 mark × 16 questions = 16 marks</p> <p>Section B : 2 marks × 05 questions = 10 marks</p> <p>Section C : 3 marks × 07 questions = 21 marks</p> <p>Section D : 4 marks × 02 questions = 08 marks</p> <p>Section E : 5 marks × 03 questions = 15 marks</p> <p><b>Total : 70 Marks</b></p>	<p><b>Biotechnology (045):</b></p> <p><b>Chapter-1:</b> Biotechnology : An overview</p> <p><b>Chapter-2:</b> Cell : The basic unit of life</p> <p><b>Chapter-3:</b> Cell growth and development</p> <p><b>Chapter-4:</b> Concept of genetics</p> <p><b>Blueprint</b></p> <p><b>Section A :</b> 1 mark × 16 questions = 16 marks</p> <p><b>Section B :</b> 2 marks × 05 questions = 10 marks</p> <p><b>Section C :</b> 3 marks × 07 questions = 21 marks</p> <p><b>Section D :</b> 4 marks × 02 questions = 08 marks</p> <p><b>Section E :</b> 5 marks × 03 questions = 15 marks</p> <p><b>Total : 70 Marks</b></p>
<p><b>Accountancy (055) :</b></p> <p>1. Meaning and objectives of Accounting</p> <p>2. Basic Accounting Terms</p> <p>3. Accounting Principles</p> <p>4. Process and bases of Accounting</p> <p>5. Accounting Standards</p> <p>6. Accounting Equations</p> <p>7. Double Entry System</p> <p>8. Origin of Transactions: Source documents of Accountancy</p> <p>9. Books of original entry- Journal</p> <p>10. Accounting for Goods and service tax (GST)</p> <p>11. Books of Original entry- Cash book</p> <p>12. Books of Original entry- Special purpose Subsidiary books</p> <p>13. Ledger</p> <p>14.Trial Balance and errors</p>	<p><b>Informatics Practices (065) :</b></p> <p>1. Python Fundamentals</p> <p>2. Conditional statements</p> <p>3. Iterative statements (Loops),Nested Loops</p> <p>4. Database Concepts</p> <p>5. Simple Queries in Sql</p> <p>6. ALTER, UPDATE,DELETE and DROP</p> <p>7. Single row function in SQL</p> <p><b>Blueprint</b></p> <p>SECTION A : 1 mark x 18 questions =18 marks</p> <p>SECTION B : 2 mark x 7 questions = 14 marks</p> <p>SECTION C : 3 mark x 5 questions = 15 marks</p> <p>SECTION D : 4 mark x 2 questions = 08 marks</p> <p>SECTION E : 5 mark x 3 questions = 15 marks</p> <p><b>Total = 70 marks</b></p>

15. Bank Reconciliation Statement  
16. Provisions and Reserves

**Blueprint**

1 mark x 20 questions = 20 marks  
3 mark x 6 questions = 18 marks  
4 mark x 3 questions = 12 marks  
6 mark x 5 questions = 30 marks

**Total = 80 marks**

**Business Studies (054):**

(Chapter as per NCERT)

1. Business, Trade and Commerce
2. Forms of Business Organization
3. Private, Public and Global Enterprises
4. Business Services
5. Emerging Modes of Business
7. Formation of a Company

**Blueprint**

1 mark x 20 questions = 20 marks  
3 mark x 4 questions = 12 marks  
4 mark x 6 questions = 24 marks  
6 mark x 4 questions = 24 marks

**Total = 80 marks**

**Computer Science (083)**

- Ch 3. Boolean Logic
- Ch 4. Basic Concepts of Data Representation
- Ch 6. Basis of Python Prog
- Ch 7. Conditional statement in Python
- Ch 8 Looping in Python
- Ch 9 Working with Strings in Python

**Blueprint**

SECTION A : 1 mark x 18 questions = 18 marks  
SECTION B : 2 mark x 7 questions = 14 marks  
SECTION C : 3 mark x 5 questions = 15 marks  
SECTION D : 4 mark x 2 questions = 08 marks  
SECTION E : 5 mark x 3 questions = 15 marks

**Total = 70 marks**

**Economics (030) :**

**Part A - Statistics for Economics (40 Marks)**

- Ch-1 Concept of Economics and Significance of Statistics in Economics.
- Ch-2 Collection of Data
- Ch-3 Census and Sample Methods of Collection of Data
- Ch-4 Organisation of Data
- Ch-5 Presentation of Data- Textual and Tabular Presentation
- Ch-6 Diagrammatic Presentation of Data - Bar & Pie Diagram
- Ch-7 Frequency Diagrams - Histograms, Polygon and Ogive
- Ch-8 Arithmetic Line Graph or Time Series Graph

**Part B- Introductory Microeconomics (40 Marks)**

- Ch-1 Economics and Economy
- Ch-2 Central Problems of an Economy
- Ch-3 Consumer's Equilibrium - Utility Analysis
- Ch-4 Consumer's Equilibrium - Indifference Curve Analysis
- Ch-5 Theory of Demand
- Ch-6 Price Elasticity of Demand

**Blueprint**

1 mark x 20 questions = 20 marks  
3 mark x 4 questions = 12 marks  
4 mark x 6 questions = 24 marks  
6 mark x 4 questions = 24 marks

**Total = 80 marks**

**Marketing (812):**

**Unit I - Introduction to Marketing**

- Session1: Introduction to concept and Definition of Marketing
- Session 2: Scope and Importance of Marketing
- Session 3: Journey of Marketing through different Marketing Philosophies

**Unit II - Marketing Environment**

- Session 1: Meaning and Importance of Environment
- Session 2: Macro Environment Factors
- Session 3: Micro Environment Factors

**Unit III- Segmentation, Targeting and Positioning**

- Session 1: Segmentation, Meaning and Importance
- Session 2: Segmentation: Bases, Types of Segmentation

**Blueprint**

1mark x 30 questions = 30 marks  
2marks x 6 questions = 12 marks  
3marks x 2 questions = 6 marks  
4 marks x 3 questions = 12 marks

**Total = 60 Marks**

**Section A (Objective Type Questions) 30 Marks**

**Section B (Subjective Type Questions) 30 Marks**

**Entrepreneurship (066) :**

- Unit-1: Entrepreneurship: Concept and Functions
- Unit-2: An Entrepreneur
- Unit-3: Entrepreneurial Journey
- Unit-4: Entrepreneurship as innovation and problem solving
- Unit-6: Business Finance and arithmetic

**Blueprint**

Section A : 1 mark x 18 question = 18 marks  
Section B : 2 mark x 6 question = 12 marks  
Section C : 3 mark x 5 question = 15 marks  
Section D : 5 mark x 5 question = 25 marks  
Total : 70 marks

**Total = 70 marks**

**History (027) :**

1. Writing And City Life
2. An Empire Across Three Continents
3. Nomadic Empire
4. The Three Orders
5. Changing Cultural Traditions
6. Displacing Indigenous Peoples

**Blueprint**

- 1 mark x 21 questions = 21marks  
 3 mark x 6 questions = 18 marks  
 8 mark x 3 questions = 24 marks  
 4mark(Source Based)x3 questions = 12marks  
 5mark(Map Based)x1 questions = 5 mark

**Total = 80 marks****Kathak Nritya (056):**

Describe all three Gharanas, Taal Notation of Teen Taal, Jhaptal, Kaharwa tal, Dadra Taal, Roopak, Notation of Tukda ,Aamad and Paran ,Biographies of Sitara devi ji Classical dances of India (Oddisi Nritya and Manipuri Nritya)

Definitions

**Blueprint**

- 1mark = 8 questions = 8 marks  
 2 marks = 5 questions = 10 marks  
 6 marks = 2 questions = 12 marks

**Total =30 marks****Sociology (039):****Book - A, Introducing Sociology**

Ch 1. Sociology, Society and its relationship with other Social Science disciplines

Ch 2. Terms, concepts and their use in Sociology

Ch 3. Understanding Social Institutions

Ch 4. Culture and Socialization

**Book - B, Understanding Society**

Ch 2. Social Change and Social order in Rural And Urban Society

Ch 4. Western Sociologists.

**Blueprint**

- MCQs- 1 mark x 16 questions = 16 marks  
 Very short type- 2 mark x 9 questions = 18 marks  
 Short answer type- 4 mark x 7 questions = 28 marks  
 Long answer type- 6 mark x 3 questions = 18 marks

**Total = 80 marks****Vocal Music (034):**

Describe Ragas with Alaap and Tan (Rag Jaunpuri, Rag Bheempalasi, Rag Bhairavi, Rag Bihag) Definitions, description of Naad Description of Saptak, Biography of Tansen and Pt Vishnu Narayan Bhatkhande, Tal Notation of Teen Taal, Kaharwa tal and Dadra tal

**Blueprint**

- 1mark = 8 questions = 08 marks  
 2 marks = 5 questions = 10 marks  
 6 marks = 2 questions = 12 marks

**Total= 30 marks****Political Science (028):**

1. Constitution: Why and How?
2. Rights and Duties in The Indian Constitution
3. Election and Representation
4. Executive
5. Legislature
6. Judiciary
7. Federalism
8. Local Governments
9. Constitution As A Living Document
10. The Philosophy of The Constitution

**Blueprint**

- 1 mark ques x 12 questions = 12 marks  
 2 mark ques x 6 questions = 12 marks  
 4 mark ques x 5 questions = 20 marks  
 4 marks(Cartoon, Passage and Map)x3 questions = 12m  
 6 mark ques x 4 questions = 24 marks

**Total= 80 marks****Legal Studies (074):****Unit1 Introduction to Political Instructions**

Chapter 2 :Forms and Organs of Government

Chapter 3: Separation of Powers

**Unit 2- Basic Features of the Constitution of India**

Chapter 1: Salient Features of the Constitution of India

Chapter 2 : Administrative Law

**Unit 3- Jurisprudence, Nature and Sources of Law**

Chapter 2: Classification of Laws

Chapter 3: Sources of Laws

Chapter 4 : Law Reforms

**Blueprint:**

- Section A : 1 mark x 20 questions = 20 marks  
 Section B : 2 marks x 08 questions = 16 marks  
 Section C : 3 marks x 08 questions = 24 marks  
 Section D : 5 marks x 04 questions = 20 marks

**Total = 80 marks****Psychology (037):**

Chapter 1: What is Psychology?

Chapter 2: Methods of Enquiry in Psychology

Chapter 3: Human Development

Chapter 4: Sensory, Attentional, and Perceptual Processes

Chapter 7: Motivation and Emotion

**Blueprint**

- Section A: 1 Mark x 15 Question = 15 marks  
 Section B: 2 Marks x 6 Question = 12 marks  
 Section C: 3 Marks x 3 Question = 9 marks  
 Section D: 4 Marks x 4 Question = 16 marks  
 Section E: 6 Marks x 2 Question = 12  
 Section F: 1 Mark x 2 Ques. + 2 Marks x 2 Ques. = 6 marks

**Total : 70 marks****Physical Education (048):**

Chapter 01. Changing trends and career in physical education

Chapter 02. Olympism value education

Chapter 03. Yoga

Chapter 04. Physical education and sports for CWSN

Chapter 05. Physical fitness, wellness and lifestyle

Chapter 06. Test, measurement and evaluation

**Blueprint**

- SECTION A : 1 mark 18 questions = 18 marks  
 SECTION B : 2 mark x 5 questions = 10 marks  
 SECTION C : 3 mark x 5 questions = 15 marks  
 SECTION D : 4 mark x 3 questions = 12 marks  
 SECTION E : 5 mark x 3 questions = 15 marks

**Total : 70 marks**

**Artificial Intelligence (843):****Employability skills**

- Unit 1: Communication Skills – III
- Unit 2: Self-Management Skills – III
- Unit 3: ICT Skills – III
- Unit 4: Entrepreneurial Skills – III
- Unit 5: Green Skills – III

**Subject specific skills**

Introduction: Artificial Intelligence for Everyone

**Blueprint**

**Section A -Objective type Questions (24 Marks)**

**Section B -Subjective type Questions (26 Marks)**

**Painting (049):**

- 1.Indian Temple Sculptures
- 2.Indian Bronzes
- 3.Indo-Islamic Architecture

**Blueprint**

- 1mark = 8 questions =8 marks
- 4 marks = 4 questions = 16 marks
- 6 marks = 1 questions = 6 marks

**Total =30 marks**