



Sir Padampat Singhania Education Centre

Kamla Nagar Kanpur

Class XII

HALF YEARLY EXAMINATION (2025-2026)

DATESHEET

Date	Day	Subjects
15/9/2025	Monday	Physics/ Accounts/ Pol.Science
17/9/2025	Wednesday	5th Subject
19/9/2025	Friday	English
22/9/2025	Monday	Biology/ Economics
24/9/2025	Wednesday	Maths/ Applied Maths/ Sociology
26/9/2025	Friday	Chemistry / Bst / History
27/9/2025	Saturday	6th Subject

SYLLABUS & BLUEPRINT

English (301):

Section - A (Reading Skills)

Two Unseen Passages (Descriptive and Case-Based)

Section - B (Creative Writing Skills)

1. Notice Writing
2. Invitations and Replies (Formal)
3. Letter to the Editor
4. Article Writing

Section - C (Literature)

Book – Flamingo

1. My Mother at Sixty-Six (Poetry)
2. Keeping Quiet (Poetry)
3. A Thing of Beauty (Poetry)
4. The Last Lesson (Prose)
5. Lost Spring (Prose)
6. Deep Water (Prose)
7. The Rattrap (Prose)

Book – Vistas

1. The Third Level (Prose)
2. The Tiger King (Prose)
3. Journey to the End of the Earth (Prose)

Blueprint:

Section - A (Reading Skills) [22 Marks]

Q.1. Unseen Passage (Descriptive)
(4 MCQs + 1 Objective Type + 3 One liner answer + 2 Short Answers Type)
(1+1+1+1=4)+(1)+(1+1+1=3)+(2+2=4)=(12 M)

Q.2. Unseen Passage (Case-Based)

(4 MCQs + 2 Objectives Type + 2 Short Answers Type)
(1+1+1+1=4)+(1+1=2)+(2+2=4)=(10 M)

Section - B (Creative Writing Skills) [18 Marks]

- Q.3. Notice Writing (4M)
Q.4. Invitations and Replies (Formal) (4M)
Q.5. Letter to the Editor (5M)
Q.6. Article Writing (5M)

Section - C (Literature) [40 Marks]

- Q.7. E.B.Q. (Flamingo - Poetry) (6X1= 6M)
(2 MCQs + 2 F.I.B. + 2 One liner)
Q.8. E.B.Q. (Vistas - Prose) (4X1= 4M)
(2 One liner + 1 MCQ + 1 FIB)
Q.9. E.B.Q. (Flamingo - Prose) (6X1= 6M)
(2 MCQs + 2 One liner + 2 FIB)
Q.10. S.A.Q. (Flamingo: Prose + Poetry) (5x2 = 10M)
Q.11. S.A.Q. (Vistas: Prose) (2x2 = 4M)
Q.12. L.A.Q. (Flamingo) (5M)
Q.13. L.A.Q. (Vistas) (5M)

Total = 80 marks

Hindi (302) :

1. आरोह (भाग 2)

आत्म परिचय, दिन जल्दी-जल्दी ढलता है

पतंग

कविता के बहाने, बात सीधी थी पर

कैमरे में बंद अपाहिज

उषा

बादल राग

भक्तिन

बाज़ार दर्शन

काले मेघा पानी दे

पहलवान की ढोलक

2. वितान (भाग 2)

जूझ

सिल्वर वेडिंग

3. अभिव्यक्ति और माध्यम

विभिन्न माध्यमों के लिए लेखन

पत्रकारीय लेखन के विभिन्न रूप व लेखन प्रक्रिया

विशेष लेखन-स्वरूप और प्रकार

Blueprint:

खंड 'क'

1. अपठित गद्यांश 10m
2. अपठित पद्यांश 8m

खंड 'ख'

3. रचनात्मक लेखन 6m
4. अभिव्यक्ति और माध्यम के पाठ्यक्रम आधारित प्रश्न
(2m×4)+(4m×2) = 16m

खंड 'ग'

5. पठित पद्यांश (बहुविकल्पीय प्रश्न) 5m
6. काव्य खंड पर आधारित प्रश्न (60 शब्दों में) (3m×2=6m)
7. काव्य खंड पर आधारित प्रश्न (40 शब्दों में) (2m×2=4m)
8. पठित गद्यांश (बहुविकल्पीय प्रश्न) 5m
9. गद्य खंड पर आधारित प्रश्न (60 शब्दों में) (3m×2=6m)
10. गद्य खंड पर आधारित प्रश्न (40 शब्दों में) (2m×2=4m)
11. वितान के पाठों पर आधारित प्रश्न (60 शब्दों में) (5m×2=10m)

Total = 80 marks

Mathematics (041): 1.Relations and Functions 2.Inverse Trigonometric Functions 3.Matrices 4.Determinants 5.Continuity and Differentiability 6.Applications of Derivatives 7.Integrals 8.Applications of Integrals Blueprint: Questions Type- Section A: 1mark each MCQ = 18 questions 1mark each Assertion-Reason = 02 questions Section B: 2 marks each VSA = 05 questions Section C: 3 marks each SA = 06 questions Section D: 5 marks each LA = 04 questions Section E: 4 marks each case study based = 03 questions Total no. of questions =38 Total =80 marks.	Applied Mathematics (241): 1.Numbers , Quantification and Numerical Apply 2.Numerical Inequalities 3.Matrices 4.Determinants 5.Differentiations 6.Applications of Derivatives 7.Integrals 8. Differential Equations Blueprint: Questions Type- Section A: 1mark each MCQ = 18 questions 1mark each Assertion-Reason = 02 questions Section B: 2 marks each VSA = 05 questions Section C: 3 marks each SA = 06 questions Section D: 5 marks each LA = 04 questions Section E: 04 marks each case study based Number of Questions :38 Total = 80 marks
Physics (042) : 1.Electric Charges and Field 2.Electrostatic Potential and Capacitance 3.Current Electricity 4.Magnetic Effects of Current 5.Magnetism and matter 6.Electro Magnetic Induction 7.Alternating Current 8.Electro Magnetic Waves Blueprint: Section A : 1 mark × 16 questions = 16 marks Section B : 2 marks × 05 questions = 10 marks Section C : 3 marks × 07 questions = 21 marks Section D : 4 marks × 02 questions = 08 marks Section E : 5 marks × 03 questions = 15 marks Total : 70 Marks	Biology(044): Chapter-1: Sexual Reproduction in Flowering Plants Chapter-2: Human Reproduction Chapter-3: Reproductive Health Chapter-4: Principles of Inheritance and Variation Chapter-5: Molecular Basis of Inheritance Chapter-6: Evolution Chapter-7: Human Health and Diseases Chapter-8: Microbes in Human Welfare Chapter-9: Biotechnology - Principles and Processes Blueprint: Section A : 1 mark × 16 questions = 16 marks Section B : 2 marks × 05 questions = 10 marks Section C : 3 marks × 07 questions = 21 marks Section D : 4 marks × 02 questions = 08 marks Section E : 5 marks × 03 questions = 15 marks Total : 70 Marks
Chemistry (043) : Chapter 1- Solutions Chapter 2- Electrochemistry Chapter 3- Chemical Kinetics Chapter 4- Haloalkanes and Haloarenes Chapter 5- Alcohol, Phenol and Ether Chapter 6- Aldehyde, Ketones and Carboxylic acids Chapter 7- Biomolecules Blueprint : Section A : 1 mark × 16 questions = 16 marks Section B : 2 marks × 05 questions = 10 marks Section C : 3 marks × 07 questions = 21 marks Section D : 4 marks × 02 questions = 08 marks Section E : 5 marks × 03 questions = 15 marks Total : 70 Marks	Biotechnology (045): Chapter-1: Recombinant DNA Technology Chapter-2: Protein Structure and Engineering Chapter-3: Genomics, Proteomics and Bioinformatics Chapter-4: Microbial Cell Culture and its Applications Blueprint: Section A : 1 mark x 16 ques = 16 marks Section B : 2 marks x 05 ques = 10 marks Section C : 3 marks x 07 ques = 21 marks Section D : 4 marks x 02 ques = 08 marks Section E : 5 marks x 03 ques = 15 marks Total : 70 marks
Accountancy (055) : 1. Accounting for Partnership Firms – Fundamentals 2. Goodwill : Nature and Valuation 3. Change in Profit-Sharing Ratio Among the Existing Partners 4. Admission of a Partner 5. Retirement of a Partner 6. Death of a Partner 7. Dissolution of Partnership Firm 8. Company Accounts (Issue of Shares) 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	Informatics Practices (065) : 1. Python Pandas-I 2. SQL (Class 11) 3. MySQL Single row functions 4. Aggregate Function 5. Join in SQL 6. Networking Blueprint: Section A: (Q1–Q21): 1 mark each Section B: (Q22–Q28): 2 marks each Section C: (Q29–Q31): 3 marks each Section D: (Q32–Q35): 4 marks each Section E: (Q36–Q37): 5 marks each Total = 70 marks

Business Studies (054): 1. Nature and Significance of Management 2. Principles of Management 3. Business Environment 4. Planning 5. Organising 6. Staffing 7. Directing 8. Controlling 9. Consumer Protection 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) 1. Review of Python 1,2,3 2. User Defined Functions in Python 3. File Handling in Python 4. Database Concepts 5. Structured Query Language 6. SQL SELECT Statement 7. Networking Case Based Questions Blueprint: Section A: (Q1–Q21): 1 mark each Section B: (Q22–Q28): 2 marks each Section C: (Q29–Q31): 3 marks each Section D: (Q32–Q35): 4 marks each Section E: (Q36–Q37): 5 marks each Total = 70 marks
Economics (030) : Macroeconomics Ch-1. Introduction Ch-2. Some basic concepts of Macroeconomics Ch-3. National income and Related Aggregates Ch-4. Methods of calculating National Income Ch-5. Money Ch-6. Banking Ch-10 Government Budget Indian Economics Development Ch-1. Indian economy on the eve of independence. Ch-2. Indian Economy 1950-1990. Ch-3. Liberalisation, Privatisation and Globalization: An Appraisal Ch-4. Human Capital Formation in India. Ch-8. Comparative Development Experience of India & it's Neighbours. 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	Painting (049): 1. Rajasthan school of miniature painting 2. Pahadi school of miniature painting 3. Mughal school of miniature painting 4. Deccan school of miniature painting 5. Bengal school of painting 6. Evolution of Indian national flag 7. Paintings of modern trends in Indian art Blueprint 1mark x 8 questions = 8 marks 2 marks x 5 questions = 10 marks 6 marks x 2 questions = 12 marks Total =30 marks Entrepreneurship (066) : Unit – 1: Entrepreneurial Opportunity Unit – 2: Enterprise Planning Unit – 3: Enterprise Marketing Unit – 5: Business Arithmetic (Numericals) 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
Marketing (812) : Part-A Employability Skills (10 Marks) Unit 1 : Communication Skills-IV Unit 2 : Self-Management Skills-IV Unit 3 : ICT Skills-IV Part-B Subject Specific Skills (50 Marks) Unit 1: Product Unit 2: Price Decision Blueprint: Part-A 1 mark x 4 questions = 4 marks 2 marks x 3 questions = 6 marks Part-B 1 mark x 26 questions = 26 marks 2 marks x 3 questions = 6 marks 3 marks x 2 questions = 6 marks 4 marks x 3 questions = 12 marks	Kathak Nritya (056): All classical dances of India, Abhinaya, Ras and its types, Gharana, lokdharmi nayak and Nityadharmi, Greeva Sanchalan ,Hast Mudras both composite and non composite, Sthakak, Mandal, Chari bhed, Utplavna Blueprint 1 mark x 8 questions = 8 marks 2 marks x 5 questions = 10 marks 6 marks x 2 questions = 12 marks Total =30 marks
History (027) : Theme 1- Bricks, Beads and Bones Theme 2- Kings, Farmers and Towns Theme 3- Kinship, Caste and Class Theme 4- Thinkers, Beliefs and Buildings Theme 5- Through The Eyes Of Travellers Theme 6- Bhakti-Sufi Traditions Theme 7- An Imperial Capital: Vijayanagara Blueprint: Objective questions- 1mx21=21 marks Short Answer type- 3mx6=18 marks Long Answer type - 8mx3=24 marks Source Based- 4mx3=12 marks Map Based- 5marks Total = 80 marks	Vocal Music (034): Rag Bhairav ,Rag Malkuns, Rag Bageshri (alap,Tan and notation) Definitions, Sangeet Parijat Sangeet Ratnakar, tuning of Tanpura ,Tal notation-Dhamar Taal, Roopak Tal and Jhaptal, Identification of Rag and 100 swars of that Rag, Dhamar notation, Biography of Ustad Bade Gulam Ali khan,Pt Krishna Rav Shankar Pandit,Ustad Faiyyaz khan,time theory of Ragas Blueprint: 1mark x 8 questions = 08 marks 2 marks x 5 questions = 10 marks 6 marks x 2 questions = 12 marks Total= 30 marks

Sociology (039):

1. Demography
2. Social Institutions: Continuity and change
3. Patterns of Social Inequality and Exclusion
4. The Challenges of Cultural Diversity
5. Structural Change
6. Cultural Change

Blueprint:

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

Total = 80 marks**Political Science (028):**

Chapter 1-Challenges of Nation Building
 Chapter 2-Era of One-party Dominance
 Chapter 3-Politics of Planned Development
 Chapter 4-India's External Relations
 Chapter 5-Challenges to and Restoration of the Congress System
 Chapter 6-Crisis of Democratic Order
 Chapter 7- Regional aspirations
 Chapter 8- Recent Developments in Indian Politics

Blueprint:

Objective questions- 1mx12=12 marks
 Very Short type- 2mx6=12 marks
 Short Answer type- 4mx5=20 marks
 Passage and Cartoon Based- 4mx3=12 marks
 Long Answer type- 6mx4=24 marks

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

Unit 1: Variations in Psychological Attributes
 Unit 2: Self and Personality
 Unit 3: Meeting Life Challenges
 Unit 4: Psychological Disorders
 Unit 5: Therapeutic Approaches

Blueprint:

Section A: 1 Mark x 14 Question = 14 marks
 Section B: 2 Marks x 5 Question = 10 marks
 Section C: 3 Marks x 4 Question = 12 marks
 Section D: 4 Marks x 4 Question = 16 marks
 Section E: 6 Marks x 2 Question = 12 marks
 Section F: 1 Mark x 2 Ques. + 2 Marks x 2 Ques. = 6 marks

Total : 70 marks**Legal Studies (074):**

Unit 1 Judiciary
 Unit 2 Alternative Dispute Resolution in India (ADR)
 Unit 3 Topics in Law I (Business Laws)
 Unit 4 Topics in Law II (General Laws)
 Unit 5. Concept of Human Rights

Blueprint:

Section A : 1 mark x 20 ques. = 20 marks
 Section B : 2 marks x 6 ques. = 12 marks
 Section C : 4 marks x 6 ques. = 24 marks
 Section D : 6 marks x 4 ques. = 24 marks

Total = 80 marks**Artificial Intelligence****Employment Skill**

[15 Marks]

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

Subject Specific Skills

Data Science - Capstone Project [10 Marks]
 Introduction to big data and Data analytics [10 Marks]
 Data Storytelling [10 Marks]
 Understanding Neural Networks [5 Marks]

Total =50 marks**Physical Education (048):**

Chapter -1: Management of Sporting Event
 Chapter -2: Children And Women In Sports
 Chapter -3: Yoga As Preventive Measure For Life Style Disease
 Chapter -4: Physical Education & Sports For Cwsn (Children With Special Needs- Divyang)
 Chapter -5: Sports & Nutrition
 Chapter -6: Test, Measurement In Sports

Blueprint

Section A: 1 mark x 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