Sir Padampat Singhania Education Centre
Kamla Nagar Kanpur

Datesheet and Syllabus for Annual Examination (2021-2022)
Class – 11

DATESHEET

Date	Day	11A,11B,11E,11F,11G	11D	11H
26/02/2022	SATURDAY	KATHAK/PAINTING/ VM	KATHAK/ PAINTING	KATHAK/ PAINTING/VM
28/02/2022	MONDAY	-	VM	SOCIOLOGY
02/03/2022	WEDNESDAY	PHYSICS / ACCOUNTS	PHYSICS	POLITICAL SCIENCE
04/03/2022	FRIDAY	ENGLISH	ENGLISH	ENGLISH
07/03/2022	MONDAY	CHEMISTRY/BST	CHEMISTRY	HISTORY
09/03/2022	WEDNESDAY	MATHEMATICS/ APPLIED MATHS	ECONOMICS	MATHEMATICS/ APPLIED MATHS
11/03/2022	FRIDAY	CS/IP/HINDI	CS/IP/HINDI	CS/IP/HINDI
14/03/2022	MONDAY	ECONOMICS	BIOLOGY	ECONOMICS
16/03/2022	WEDNESDAY	P.ED/ EP./L.ST	P.ED/ EP./L.ST	P.ED/ EP./L.ST

SYLLABUS

English (301):
Section A- Reading : 12m
- Unseen passage (factual, descriptive or literary/discursive or persuasive) **(7m)**
- Unseen passage for Note Making and Summarising **(5m)**

Section B: Writing and Grammar: 12m
Short Writing Tasks **(3m)**
- Poster

Long Writing Tasks (5m)
- Official Letters: e.g. to school/college authorities (regarding admissions, school issues, requirements / suitability of courses
- Debate

Grammar (4m)
- Determiners
- Tenses
- Re-ordering of Sentences
(MCQs on Gap filling/ Transformation of Sentences)

Section C: Literature: 16m
Questions based on texts to assess comprehension and appreciation, analysis, inference, extrapolation:
- Short Answer Questions (30-40 words). **(2mx4=8m)**
- Long Answer Questions (120 words). **(4mx2=8m)**

Book-Hornbill:
- The Voice of the Rain (Poem)
- The Ailing Planet: The Green Movement's Role (Prose)
- The Browning Version(Play)
- Childhood (Poem)
- Silk Road (Prose)

Book-Snapshots:
- Albert Einstein at School (Prose)
- Birth (Prose)
- Mother's Day (Play)

Hindi (302) :
पाठ्यपुस्तक आरोह भाग - 1

काव्य खंड **(6m)**

1.भवानी प्रसाद मिश्र - घर की याद

2.दुष्यंत कुमार - गज़ल

3.निर्मला पुतुल - आओ मिलकर बचाएँ

गद्य खंड **(9m)**

4.कृष्णनाथ - स्पीति में बारिश

5.कृश्नचंदर - जामुन का पेड़

6.जवाहरलाल नेहरू - भारत माता

कार्यालयी हिंदी व रचनात्मक लेखन

रचनात्मक लेखन **(5m)**

पत्र लेखन **(5m)**

अभिव्यक्ति और माध्यम **(10m)**

1. व्यवहारिक लेखन - (प्रतिवेदन, प्रेस विज्ञप्ति, परिपत्र, कार्यसूची /कार्यवृत्त)

3. जनसंचार माध्यम

4. पत्रकारिता के विविध आयाम

अनुपूरक पाठ्यपुस्तक वितान भाग - 1 **(5m)**

1. अनुपम मिश्र - राजस्थान की रजत बूँदें

2. बेबी हालदार -आलो आँधारि

Physics (042) :		**Mathematics (041):**	
1.Mechanical Properties of solids	**(3m)**	1. Trigonometric Functions	**(9m)**
2.Fluid Dynamics	**(5m)**	2. linear Inequalities	**(4m)**
3.Heat Transfer	**(5m)**	3. Permutations and Combinations	**(7m)**
4.Thermodynamics	**(6m)**	4. Conic Sections	**(7m)**
5.Oscillations	**(6m)**	5. Three-Dimensional Geometry	**(2m)**
6.Waves	**(10m)**	6. Derivatives	**(6m)**
		7. Probability	**(5m)**
TOTAL 35 M			

Applied Mathematics (241)
1. Permutations and Combinations **(7m)**
2. Calculus **(7m)**
3. Probability **(8m)**
4. Financial Mathematics **(13m)**
5. Coordinate Geometry **(5m)**

Chemistry (043) :		**Biology(044):**	
1.States of Matter	**(3m)**	Chapter-10: Cell Cycle and Cell Division	**(5m)**
2.Equilibrium	**(9m)**		
3.Chemical Thermodynamics	**(7m)**	Chapter-13: Photosynthesis in Higher Plants	
4.Hydrocarbon	**(12m)**	Chapter-14: Respiration in Plants	**(12m)**
5.s & p block elements	**(4m)**	Chapter-15: Plant - Growth and Development	
TOTAL: 35M			

Chapter-17: Breathing and Exchange of Gases
Chapter-18: Body Fluids and Circulation
Chapter-19: Excretory Products and their Elimination **(18m)**
Chapter-20: Locomotion and Movement
Chapter-21: Neural Control and Coordination
Chapter-22: Chemical Coordination and Integration

Accountancy(055) :
(Chapters as per D.K. Goel) : 40 Marks
Part A -   **(16m)**
Trial Balance and errors
Bills of Exchange
Rectification of errors

Part B -   **(24m)**
Capital and Revenue
Financial Statements
Financial Statements (with Adjustment)
Accounts for Incomplete Records - Single Entry

Business Studies (054):
(Chapters as per NCERT) : 40M
 CH-8: Sources of Business Finance
 CH-9: Small Business and Entrepreneurship Development **(20m)**

 CH-10: Internal Trade
 CH-11: International Business **(20m)**

Total 12 questions (no internal choice)

Economics (030) :
(Chapters as per V.K.Ohri)
Part A: Statistics for Economics   **(17m)**
CH-11: Measures of Dispersion
CH-12: Correlation
CH-13: Index Number
Part B: Introductory Microeconomics   **(23m)**
CH-7: Production Function and Returns to a Factor
CH-8: Concepts of Cost
CH-9: Concept of Revenue
CH-11: Theory of Supply
CH-12: Forms of Market
CH-13: Market Equilibrium under Perfect Competition and
        Effects of Shifts in Demand and Supply
Total 17+23 = 40M

Political Science (028):

Part A-Indian Constitution At Work
1. Legislature **(7m)**
2. Executive **(7m)**
3. Judiciary **(6m)**

Part B-Political Theory
1. Liberty **(7m)**
2. Equality **(7m)**
3. Justice **(6m)**

History (027) :

Theme 7 : Changing Cultural Traditions	**(10m)**
Theme 9 : The Industrial Revolution	**(10m)**
Theme 10: Displacing Indigenous Peoples	**(10m)**
Theme 11: Paths to Modernisation	**(10m)**

Sociology (039):

1.Social change and social order in rural and urban society **(14m)**
2.Introducing western sociologists **(14m)**
3. Indian Sociologists **(12m)**

Computer Science(083) (11B,D,E,F,H)

1. List	**(6m)**
2. Tuple	**(6m)**
3. Dictionary	**(6m)**
4. Modules	**(2m)**
5. Society, Law & Ethics	**(15m)**

Physical Education (048):

Chapter 4 Physical Education and Sports for CWSN	**(6m)**
Chapter 5 Yoga	**(9m)**
Chapter 6 Physical activity and leadership training	**(5m)**
Chapter 9 Psychology and Sports	**(9m)**
Chapter 10 Training and Doping in sports.	**(6m)**

Total   35M

Informatics Practices (065) :

UNIT-3 **(30m)**

Database concepts and the Structured Query Language

- Database Concepts: Introduction to database concepts and its need, Database Management System. Relational data model: concept of attribute, domain, tuple, relation, candidate key, primary key, alternate key, foreign key.
- Structured Query Language: Data Definition Language, Data Query Language and Data Manipulation Language, Introduction to MySQL: Creating a database, using database, showing tables using MySQL,
- Data Types : char, varchar, int, float, date.
- Data Definition Commands: CREATE, DROP, ALTER (Add and Remove primary key, attribute). Data Query Commands: SELECT-FROM- WHERE, LIKE, BETWEEN, IN, ORDER BY, using arithmetic, logical, relational operators and NULL values in queries, Distinct clause Data Manipulation Commands: INSERT, UPDATE, DELETE.

UNIT-4 **(05m)**

Introduction to the Emerging Trends

- Artificial Intelligence, Machine Learning, Natural Language Processing,
- Immersive experience (AR, VR), Robotics
- Big data and its characteristics, Internet of Things (IoT), Sensors, Smart cities,
- Cloud Computing and Cloud Services (SaaS, IaaS, PaaS);
- Grid Computing, Block chain technology

Vocal Music (034):

1. Raag Jaunpuri,Raag Bihag,Raag Bhairvi,Raag Bhimplasi **(5m)**
2. Teen Taal,Ek Taal,Dadra Taal,Keherwa Taal **(3m)**
3. Biography of Vishnu Narayan Bhatkhande and Pandit Vishnu Digambar Paluskar and Naad. **(4m)**
4. Definitions **(3m)**

Kathak Nritya (056):

All definitions	**(4m)**
Storylines	**(2m)**
Theka of Teental, Jhaptal	**(2m)**
Gharana/ Historical development of kathak	**(3m)**
Tandav-lasya	**(2m)**
Notation of Tukda,Aamad,	**(2m)**

Legal Studies (074):

Unit 4-Judiciary:Constitutional,Civil and Criminal Courts and Processes	**(28m)**
Unit 5-Family Justice System	**(12m)**

Entrepreneurship (066) :

Unit 5: Understanding the Market	**(15m)**
Unit 6: Business Finance and Arithmetic	**(20m)**
Unit 7: Resource Mobilization	
Total 35M	

Painting (049):

1. Rajasthan school of Miniature Painting	**(7m)**
2. Pahari school of art	
3. Mughal school of art	**(8m)**
4. Deccan school of art	