



Sir Padampat Singhania Education Centre

Kamla Nagar Kanpur

Class XI Term -II Test Syllabus (2021-22)

DATE SHEET

Date	Day	Commerce /Science	Humanities
20/01/2022	Thursday	--	SOCIOLOGY
21/01/2022	Friday	PHYSICS / ACCOUNTS	POL. SCI.
22/01/2022	Saturday	MATHEMATICS	MATHEMATICS
24/01/2022	Monday	CHEMISTRY/BST	HISTORY
25/01/2022	Tuesday	BIOLOGY /ECONOMICS	ECONOMICS
27/01/2022	Thursday	CS/IP/BIO.TECH/HINDI	CS/IP/HINDI
28/01/2022	Friday	ENGLISH	ENGLISH
29/01/2022	Saturday	P.ED/ PAINTING / VM/EP/LS/KATHAK	P.ED/ PAINTING /VM/E.P/LS/KATHAK

SYLLABUS

<p>English (301): Objective - 28 Marks Subjective - 12 Marks Section A- Reading Comprehension - 15M 1. Passage (Descriptive)- 8m (Objective Type) 2. Passage for Note Making and Summarising- 4+3=7m (Subjective Type) Section B-Writing Skills and Grammar- 9M 1. Official Letters - 5m (Subjective Type) 2. MCQs on Gap filling - 4m (Objective Type) (Determiners, Tenses & Re-ordering of Sentences) Section C- Literature - 16M (Objective Type) Book-Hornbill: 1. The Voice of the Rain (Poem) 2. Childhood (Poem) 3. The Ailing Planet: The Green Movement's Role (Prose) Book-Snapshots: 1. Albert Einstein at School (Prose)</p>	<p>Hindi (302) : Objective - 28 Subjective- 12 पाठ्यपुस्तक आरोह भाग - 1 काव्य खंड 6M 1. भवानी प्रसाद मिश्र घर की याद 2. दुष्यंत कुमार गजल 3. निर्मला पुतुल आओ मिलकर बचाएँ गद्य खंड 9M 4. कृष्णनाथ स्पीति में बारिश 5. कृश्नचंद्र जामुन का पेड़ 6. जवाहरलाल नेहरू भारत माता अभिव्यक्ति और माध्यम 10M 1. व्यावहारिक लेखन - (प्रतिवेदन, प्रेस विज्ञप्ति, परिपत्र, कार्यसूची /कार्यवृत्त) 2. जनसंचार माध्यम 3. पत्रकारिता के विविध आयाम अनुपूरक पाठ्यपुस्तक वितान भाग - 1 5M 1. अनुपम मिश्र - राजस्थान की रजत बूँदें 2. बेबी हालदार आलो आँधारि कार्यालयी हिंदी व रचनात्मक लेखन रचनात्मक लेखन 5M पत्र लेखन 5M</p>
<p>Maths (041): Objective - 28 Marks Subjective- 12 Marks 1. Statistics 08M 2. Trigonometric Functions 09M 3. Linear Inequalities 07M 4. Permutations and Combinations 08M 5. Derivatives 08M</p>	<p>Biotechnology (045): Objective - 25 Marks Subjective - 10 Marks Genes and Genomes Structure and Function - 15M The Basic unit of Life - 10M Cell growth and development - 10M</p>
<p>Applied Mathematics [241] Objective - 28 Marks Subjective- 12 Marks 1. Descriptive Statistics 08M 2. Permutations and Combinations 08M 3. Calculus 08M 4. Probability 07M 5. Co-ordinate Geometry 09M</p>	<p>Biology(044): Objective - 25 Marks Subjective - 10 Marks 1. Unit - Cell Structure and Function - 10M • Cell Cycle and Cell division 2. Unit - Plant Physiology. - 10M • Photosynthesis in the higher plants. - • Respiration in plants 3. Unit Human Physiology - 15M • Breathing and Exchange of Gases • Body Fluids and Circulation. • Excretory Products and their elimination. • Locomotion and Movement. • Neural Control and Coordination • Chemical Coordination and Integration</p>

<p>Physics (042) : Objective - 25 Marks Subjective - 10 Marks</p> <p>1.Mechanical Properties of solids - 8M 2.Mechanical Properties of fluids - 8M 3.Heat and Thermodynamics - 12M 4. Oscillations - 7M</p>	<p>Informatics Practices (065) : Objective - 25 Marks Subjective - 10 Marks</p> <p>1. Database concepts and structured query language. 2. Concept of attribute, domain, tuple, relation, candidate key, primary key, alternate 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 • Data Definition Commands: CREATE, DROP, ALTER , Data Query Commands: SELECT-FROM- WHERE, LIKE, BETWEEN, IN, ORDER BY, using arithmetic, logical, relational operators and NULL values in queries, Distinct clause . 3. Dictionary</p>
<p>Chemistry (043) : Objective - 25 Marks Subjective - 10 Marks</p> <p>1. Hydrocarbon - 15 M 2. Equilibrium - 10 M 3. Thermodynamics - 7 M 4. States of matter - 3 M</p>	<p>Computer Science 11 A-F & H(83) Objective - 25 Marks Subjective - 10 Marks</p> <p>1. List - 20M 2. Societal Impact - 15M</p>
<p>Accountancy(055) : Objective - 28 Marks Subjective - 12 Marks</p> <p>1. Trial balance - 6M 2. Accounting for Bills of Exchange - 14M 3. Rectification of Errors - 10M 4.Financial Statement of Sole Proprietorship (Without Adjustments) - 10M</p>	<p>Business Studies (054): Objective - 28 Marks Subjective - 12 Marks</p> <p>1. Sources of Business Finance - 24 M 2. Small Scale Enterprises - 16 M</p>
<p>Economics (030) : Objective - 28 Marks Subjective - 12 Marks Part-A: Statistics for Economics:</p> <p>1.Measures of Dispersion - 10M 2.Correlation- 15M Part-B: Microeconomics:</p> <p>1. Production Function- 15M</p>	<p>Legal Studies 074): Objective - 28 Marks Subjective - 12 Marks Judiciary: Constitutional, Civil and Criminal Courts and Processes 1. Constitution, Roles and Impartiality 10M 2. The Civil Court Structure ; Structure and functioning of Criminal Courts in India 25M 3. Other Courts in India 5M</p>
<p>History (027) : Objective - 28 Marks Subjective - 12 Marks</p> <p>Theme-7 Changing Cultural Traditions- 10M Theme-9 The Industrial Revolution- 10M Theme -10 Displacing Indigenous People- 10M Theme-11 Paths to Modernization- 10M</p>	<p>Painting (049): Objective - 9 Marks Subjective - 6 Marks</p> <p>1. Mughal School of Miniature Painting 2. Deccan School of Miniature Painting</p>
<p>Sociology (039): Objective - 28 Marks Subjective - 12 Marks</p> <p>1. Social Change and Social Order in rural and urban society 13 M 2. Introducing western sociologists 14 M 3. Indian sociologists 13 M</p>	<p>Kathak Nritya (056): Objective - 9 Marks Subjective - 6 Marks</p> <p>Gharana, History of kathak, Ras, Tandav-lasya, story line, biography of Birju Maharaj, Bindadeen Maharaj, notation of all tukdas, aamad, paran,definitions,</p>
<p>Political Science (028): Objective - 28 Marks Subjective - 12 Marks Book-1(Indian Constitution At Work)</p> <p>Legislature - 7M Executive - 7M Judiciary - 6M Book-2(Political Theory)</p> <p>Liberty - 7M Equality - 7M Justice - 6M</p>	<p>Vocal Music (034): Objective - 9 Marks Subjective- 6 Marks</p> <p>Raga Jaunpuri,Raga Bhairavi,Raga Bhimpalasi , Raga Bihag . Definitions, Biography:- Pt.Vishnu Narayan Bhatkhande, Tansen.Description of Naad. Taals :- Teental,Kaharwa tal,Dadra tal,Ektal</p>
<p>Entrepreneurship (066) : Objective - 25 Marks Subjective - 10 Marks</p> <p>UNIT 5: Concept of Market - 24M UNIT 6: Business Finance and Arithmetic - 16M</p>	<p>Physical Education (048): Objective - 25 Marks Subjective - 10 Marks</p> <p>Chapter 4 Physical Education and Sports for CWSN(Children with special needs) Chapter 5 Yoga Chapter 6 Physical activity and Leadership training Chapter 9 Psychology and Sports Chapter 10 Training and Doping in Sports</p>