

DPSG, PALAM VIHAR
MID TERM EXAMINATION
SYLLABUS (2017-18)
CLASS XI

Subject: English

Reading- comprehension, notemaking

Writing- notice, posters, official letters, business letters and replies, article, speech, report

Literature- photograph, voice of the rain, portrait of a lady, ailing planet, Albert Einstein at school, canterville ghost- chapters 1,2

Subject: Physics

1. Measurement Of Length Mass And Time
2. Kinematics
3. Laws Of Motion
4. Work, Power And Energy
5. Motion Of A Rigid Body

Subject: Chemistry

1. Basic Concepts of Chemistry
2. Structure of Atom
3. Classification of Elements and Periodicity in Properties
4. Chemical Bonding and Molecular Structure
5. Hydrogen
6. Environmental Chemistry

Subject: BIOLOGY.

Chapter 1: the living world

Chapter 2: biological classification

Chapter 3: plant kingdom

Chapter 4: animal kingdom

Chapter 5: morphology of plants

Chapter 6: anatomy of plants

Chapter 7: structural organization in animals

Chapter 8: cell- structure and function

Chapter 10: cell cycle and cell division

Subject: Mathematics

1. Sets
2. Relation and functions

3. Complex numbers
4. Trigonometry
5. In equations
6. Principle of mathematical induction
7. Sequence and Series
8. Slope of a line

(Chapter 1 to 6, 9 and 10.1 exercise)

Subject: Accountancy

1. Meaning of accounting , users , advantages and Limitations
2. Terminology
3. Principles
4. Accounting equation
5. Rules and Journal entries
6. Ledger and Trial balance
7. Cash book Double column
8. Purchase and sales books
9. Financial Statements-I

Subject: Economics

Statistics

Ch.3 Collection of Primary and Secondary data

Ch.4 Organisation of data

Ch.5 Tabular Presentation

Ch.6 Diagrammatic Presentation

Ch.7 Graphic Presentation

Ch. 8 Measures of Central Tendency

Indian Economy

Ch.1 Indian Economy on the eve of Independence

Ch.2 Indian Economy 1950-1990

Ch.3 Liberalization, Privatization and Globalization

Ch.4 Poverty

Subject: Business Studies

Chapter 1-Nature and purpose of business

Chapter 2-Forms of business organizations

Chapter 5- Emerging modes of business

Chapter 6- Social responsibilities of business and business ethics

Chapter 8- Sources of finance

Subject: Geography

- Ch -1 -Geography as a Discipline
 - Ch- 2-Origin and Evolution of the Earth
 - Ch -3-Interior of the Earth
 - Ch-5- Minerals and Rocks
 - Ch-6- Geomorphic Processes
 - Ch-7- Landforms & Their Evolution
 - Ch-8- Composition of Atmosphere
 - Ch-9- Solar Radiation, Heat Balance and Temperature
 - Ch-11 -Water in the Atmosphere
 - Ch-12-World Climate and Climate Change (Pg 104,107 Onwards)
 - Ch-13- Water (Oceans)
 - Ch-14 -Movements of Ocean Water
 - Ch-15- Life on the Earth
 - Ch-16- Biodiversity and Conservation
- Map work and diagram based questions from above chapters

Subject: Sociology

1. Sociology And Society
2. Terms, Concepts And Their Use In Sociology
3. Understanding Social Institutions
4. Culture And Socialisation
5. Doing Sociology: Research Methods

Subject: Computer Science(C++)

1. Getting started with C++
2. Data Handling
3. Operators and Expressions
4. Flow of Control
5. Function till Pg no 289

Subject: Informatics Practices

1. Computer
2. Software concepts
3. Hardware Concepts
4. Database Concepts
5. MySQL
6. MySQL Functions

Subject: Multimedia & Web Technology

1. Getting started with HTML
2. Formatting HTML
3. Creating Lists in HTML
4. Linking in HTML
5. Playing with images and sound
6. HTML Table basics
7. HTML Framing
8. Adding Forms

Subject: Home Science

UNIT I: Concept of Home science and its scope

UNIT II: Human Development: Life Span approach (part 1)

UNIT III: Foods, Nutrition, Health & Fitness

Subject: Psychology

Chapter 1 What is Psychology?

Chapter 2 Methods of Enquiry in Psychology

Chapter 3 The Bases of Human Behaviour

CLASS XII

Subject: English

Reading Comprehension, notemaking

Writing section- notice , poster, business letters and replies, official letters, job application, article, speech, report writing

Literature- my mother at 66, an elementary school classroom in a slum, keeping quiet, a thing of beauty, last lesson, lost spring, deep water, rattrap, tiger king, enemy, should wizard hit mommy, on the face of it, memories of childhood.

Invisible man- chapters 1-14.

Subject: Physics

1. Electrostatics(Five Chapters)
2. Current Electricity(Two Chapters)
3. Magnetic Effects Of Current (Five Chapters)
4. Emi And Ac (Two Chapters)
5. Electromagnetic Waves (One Chapter)
6. Optics (Ray Optics) Four Chapters

Subject: CHEMISTRY

1. Solid State
2. Electrochemistry
3. Chemical Kinetics
4. Surface Chemistry
5. Haloalkanes And Haloarenes
6. Functional Group I- Alcohols, Phenols And Ethers
7. Aldehydes, Ketones And Carboxylic Acids
8. Amines
9. Biomolecules
10. Polymers
11. Chemistry In Everyday Life

Subject: Biology

Chapter 1: Reproduction in Organism

Chapter 2: Sexual reproduction in flowering plant

Chapter 3: Human Reproduction

Chapter 4: Reproductive health

Chapter 5: Principles of Inheritance & Variations

Chapter 6: Molecular basis of Inheritance

Chapter 7: Evolution

Chapter 8: Human health & diseases

Chapter 9: Strategies for enhancement in food production.

Subject: Mathematics

BOOK 1 –(Chapter 1 to 6)

1. Relation and Function
2. Inverse Trigonometric Functions
3. Continuity and Differentiability
4. Application of derivatives
5. Matrices and Determinants.

BOOK 2:

1. Integrals
2. Application of integrals
3. Differential Equations
4. Subject: Accountancy

Subject: Accountancy

1. Partnership accounts
2. Company Accounts – Issue of shares

Subject: Business Studies

1. Nature of management
2. Principles of management
3. Business environment
4. Planning
5. Organising
6. Staffing
7. Directing(supervision and communication)
8. Marketing management
9. Consumer education (only rights)

Subject: Economics

MICRO

1. Introduction
2. Consumer's Equilibrium And Demand, Elasticity Of Demand
3. Supply And Elasticity Of Supply, Production Function, Producer's Function, Cost And Revenue
4. Forms Of Market,
5. Price Determination

MACRO

1. National Income Aggregates , National Income Accounting
2. Income And Employment

Subject: Geography

BK-I Fundamentals of Human geography

1. Nature & Scope of Human Geography
2. World's Population Density, Distribution
3. Population Composition
4. Human Development
5. Primary Activities
6. Secondary Activities
7. Tertiary & Quaternary Activities
8. Transport & Communication
9. International Trade
10. Human Settlements

BK- II India people & economy

1. Population — Distribution, Density And Growth & Composition
2. Migration: Types, Causes& Consequences
3. Human Development
4. Human Settlements
5. Land Resources and Agriculture
6. Water Resources
7. Mineral and Energy Resources:
8. Planning & Sustainable Development in Indian Context

Subject: Sociology

1. Demographic Structure Of The Indian Society
2. Social Institutions: Continuity And Change
3. The Market As A Social Institution
4. Patterns Of Social Inequality And Exclusion
5. Challenges Of Cultural Diversity
6. Structural Change
7. Cultural Change
8. The Story Of Indian Democracy
9. Change And Development In Rural Society

Subject: Computer Science (C++)

1. Object Oriented Programmingg Classes
2. Function Overloading

3. Classes & Objects
4. Constructors and Destructors
5. Inheritance: Extending Classes
6. Data File Handling
7. Pointers
8. Arrayas

Subject: Multimedia & web technology

1. class XI revision
2. HTML
3. JavaScript
4. Database
5. communication and network
6. OSS
7. Multimedia Application
8. Getting started with PHP
9. PHP : Variables and operator-
10. PHP: built-in functions and arrays
11. PHP:flow of control -
12. PHP user defined function-
13. PHP Forms
14. Flash
15. creating animations
16. publishing flash movies

SUBJECT: HOME SCIENCE

1. UNIT I: Human Development: Life Span approach (part 2)
2. UNIT II: Diet planning & therapeutic modification
3. UNIT III: Consumer protection and Education