

PERIODIC ASSESSMENT – 2
SYLLABUS FOR CLASS XI (A,B,C,D &E)
SESSION - 2021-22

ENGLISH CORE

Periodic Assessment 2

(25 Marks)

1. Reading Comprehension
2. Grammar
3. Literature
 - a. Voice of the Rain
 - b. Ailing Planet
 - c. The Browning Version

HISTORY

Periodic Assessment 2

(25 Marks)

- 1.Changing Cultural Traditions.
- 2.The Industrial Revolution.

POLITICAL SCIENCE

Periodic Assessment 2

(25 Marks)

- Book 1 - Indian Constitution At Work
- Chapter 4 - Executive
- Chapter 5 - Legislature

SOCIOLOGY

Periodic Assessment 2

(25 Marks)

- Book 2
- Chapter 4 - Introducing Western Sociologists
- Chapter 2 - Social Change and Social Order in Rural and Urban Society (till Social Order)

ECONOMICS

Periodic Assessment 2

(25 Marks)

Meaning of Production Function – Short-Run and Long-Run Total Product, Average Product and Marginal Product.

Returns to a Factor

Cost: Short run costs - total cost, total fixed cost, total variable cost; Average cost;

Average fixed cost, average variable cost and marginal cost-meaning and their relationships.

[10 marks objective questions and 15 marks subjective questions]

MATHEMATICS

Periodic Assessment 2

(25 Marks)

Chapters:

1. Conic Sections
2. Introduction to Three Dimensional Geometry
3. Derivatives

INFORMATICS PRACTICES (065)

Periodic Assessment 2

(25 Marks)

PA-2 (25 Marks)

Topic: Database concepts and the Structured Query Language

- **Database Concepts:** Introduction to database concepts and its need, Database Management System. 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

COMPUTER SCIENCE (083)

Periodic Assessment 2

(25 marks)

Topic: Computational Thinking and Programming

- **Strings:** introduction, indexing, string operations (concatenation, repetition, membership & slicing), traversing a string using loops, built-in functions: len(), capitalize(), title(), lower(), upper(), count(), find(), index(), endswith(), startswith(), isalnum(), isalpha(), isdigit(), islower(), isupper(), isspace(), lstrip(),rstrip(), strip(), replace(), join(), partition(), split()
- **Lists:** introduction, indexing, list operations (concatenation, repetition, membership & slicing), traversing a list using loops, built-in functions: len(), list(), append(), extend(), insert(), count(), index(), remove(), pop(), reverse(), sort(), sorted(), min(), max(), sum(); nested lists, linear search.
- **Dictionary:** introduction, accessing items in a dictionary using keys, mutability of dictionary (adding a new item, modifying an existing item), traversing a dictionary, built-in functions: len(), dict(), keys(), values(), items(), get(), update(), del(), clear(),copy(), pop(),max(), min(), count(), sorted(), copy().

PHYSICS

Periodic Assessment 2

(25 Marks)

CHAPTER : 9 – Mechanical properties of solids
 10- Mechanical properties of fluids

CHEMISTRY

Periodic Assessment 2

(25 marks)

Chapter 13 – HYDROCARBONS

BIOLOGY

Periodic Assessment 2

(25 Marks)

Chapter 10 :Cell cycle
Chapter 13 :Photosynthesis

BUSINESS STUDIES

Periodic Assessment 2

(25 Marks)

CHATER 8 SOURCES OF BUSINESS FINANCE
CHAPTER 9 MSME & BUSINESS ENTREPRENEURSHIP

ACCOUNTANCY

Periodic Assessment 2

(25 Marks)

CHAPTER 18 RECTIFICATION OF ERRORS
CHAPTER 19 FINANCUAL STATEMENTS OF SOLE PROPRIETORSHIP
