

Science

Mathematics

1. Limits and differentiation
2. Continuity and differentiability

Physics

Topic : Electric charges and fields. .

Subtopics -

1. Electric charge.
2. Conductor and insulator .
3. Charging by Induction.
4. Properties of Electric charges. .
5. Coulombs law.
6. Forces between multiple charges .
7. Electric field and its significance.
8. Electric field lines and flux.
9. Electric diople.
10. Diople in an external electric field.
11. Gauss's law. Its applications.
12. Field at spherical shell. And numerical based on the topics.

Chemistry

Solution- types of solutions, expression of concentration of solutions of solids in liquids, solubility of gases in liquids, colligative properties-relative lowering of vapour pressure, Raoult's law,elevation of boiling point, depression of freezing point, osmotic pressure, determination of molecular massusing colligative properties, abnormal molecular mass, Can't Hoff factor.

Biology

Day-1

Chapter-1 (Reproduction in living organism)

Day-2 Definition, types of reproduction and their explanation.

Day-3 Explanation of different types of Asexual reproduction.

Day-4

Ch- 2 (Reproduction in human) Introduction, reproductive organs of male and female.

Day-5 Fertilization definition,types structure of human gamet (with diagram)

Day- 6

Structure of sperm n role of zona pellucida in reproduction (with video)

Day-7

Development of embryo, parturition n child birth.

Day-8

(Reproduction in flowering plants) Introduction, reproductive organs of flower with diagram.

Day-9

Mode of fertilization in plants

Day-10

Formation of seeds n fruits their types

Day-11

Chapter -4 (Reproductive health)

Introduction, importance of reproductive health.

Day-12

Population exploitation reason

Day-13

Birth control methods n contraceptive measures etc.

Commerce

Economics

Management, Concept, Objective and importance.
Management as Science, Art and Profession.
Levels of Management.
Management functions -- planning, organising, staffing, directing and controlling.
Coordination -- concept and importance.
Principles of Management concept and significance.
Revision

Business Studies

- Management, Concept, Objective and importance.
- Management as Science, Art and Profession.
- Levels of Management.
- Management functions -- planning, organising, staffing, directing and controlling.
- Coordination -- concept and importance.
- Principles of Management concept and significance.
- Revision

Accountancy

Part A
Volume I
Partnership Fundamental ch 1
Calculation of interest on Drawing
Calculation of interest on capital
Preparation of profit and loss Appropriation A/c
Partners capital A/c
Past adjustment
Guarantee of profit

Arts

History- Ch1: The Harappan civilization

Ch 2: Early states & economies

Political Science-

Ch 1: The Col War era

Ch 2: The end of bip

Geography

A: Fundamentals of Human Geography
Week 1 : Human Geography
Week 2: People population ,population change,age)
Week 3: People (Human Development)

Front office operations

Unit 1 :- *History and Evolution of Hotel industry.
Unit. 2 - : * Etiquettes and Manners.