



AAKAR PUBLIC SCHOOL

Monthly Planner (December)

Session 2024-25

Class- 11th

SUBJECT	Chapter Name / Topic	Oral	Written	Activity
Accountancy	Revision and problems solving.			
Business Studies	Revision and problems solving.			
Economics (Statistics)	Chapter 4- organisation of data. Chapter 5- presentantation of data. Chapter 6- Diagrammatic presentation of data (Bar Diagram). Chapter 7- frequency diagram, Histogram, polyg polygon, and ogive.			
Physical Education	Chapter 9- Psychology and sports Chapter 10- Training and doping in sports Chapter 8- Fundamental of kineslogyand biomachanism in sports			
English	<u>Reader-</u> Chapter 6 Silk road. <u>Supplementary-</u> Chapter 6 The Tale of Melon City	<ul style="list-style-type: none"> • Discussion about the story with relevance to our life. 	<ul style="list-style-type: none"> • Question and answers with book exercise. 	<ul style="list-style-type: none"> • Telling them about the foolish decisions made by them.
Physics	<ul style="list-style-type: none"> • Chapter 7- gravitation. • Chapter 8- mechanical properties of solids. 	<ul style="list-style-type: none"> • Discussion about the topics with relevance of it in this chapters and current context. 	<ul style="list-style-type: none"> • Theory and numerical and practice with related terminologies. 	
Chemistry	Equilibrium (Approximately 15 days) Week 1 1. Day 1-2: Introduction to equilibrium Types of equilibrium (Physical and Chemical) Law of chemical equilibrium and equilibrium constant Factors affecting equilibrium (Le Chatelier's Principle) 2. Day 3-4: Relation between , , and Applications of equilibrium constant in predicting the direction of reaction 3. Day 5-6: Ionic equilibrium: Acids, bases, and salts Arrhenius, Bronsted-Lowry, and Lewis concepts			

4. Day 7:
pH scale and measurement of pH
Strong and weak acids and bases,
ionization constants
Week 2

5. Day 8-9:
Hydrolysis of salts (acidic, basic, and
neutral solutions)
Buffer solutions and their applications

6. Day 10-11:
Solubility product and common ion
effect
Problems on ionic equilibrium

7. Day 12-13:
Revision of the complete chapter

8. Day 14-15:
Practice problems and MCQs

Unit 8: The Redox Reaction
(Approximately 15 days)
Week 3

1. Day 1-2:
Basics of oxidation and reduction
Oxidation number: rules, calculation,
and its importance

2. Day 3-4:
Balancing redox reactions using the
oxidation number method
Balancing redox reactions using the
ion-electron method

3. Day 5-6:
Concept of redox reactions in terms of
electron transfer
Types of redox reactions
(combination, decomposition,
displacement, and disproportionation)

4. Day 7:
Redox reactions and electrode
potential
Week 4

5. Day 8-9:
Electrochemical series and its
applications
Corrosion and its prevention

6. Day 10-11:
Revision of key concepts and
numericals

7. Day 12-13:
Application-based problems and real-
life examples of redox reactions

8. Day 14-15:

	Practice problems, MCQs, and short-answer questions			
Maths	Revision and problems solving			
Biology	Chapter -9 Biomolecules. Chapter -10 cell cycle and cell division. Chapter-11 photosynthesis in higher plants.			Study of osmosis by potato osmometer.