



AAKAR PUBLIC SCHOOL

Monthly planner (November)

Session (2024-25)

Class- 12th

| S.N. | Subject | Chapter No. & Name/Topic |
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| 1. | English | Vistas - Chapter 4- The Enemy Chapter 5- On The Face of it Flamingo (Prose)- Chapter 5- Indigo Chapter 6 Poets and Pancakes (Poetry) Chapter 4 A Roadside Stand |
| 2. | Physical Education | Ch-8 Biomechanics and sports Ch-9 Psychology and sports Ch-10 Training in sports |
| 3. | Accounts | (Volume 2) lesson 2 Issue of debentures (Volume 3) Lesson 1 Financial statements of company Lesson 2 Financial statements analysis. Lesson 5 Tools of financial statements analysis Comparative statement and Common size statement |
| 4. | Business Study | Lesson 9 financial Management Lesson 10 financial Market Lesson 11 Marketing Management |
| 5. | Economics | Lesson 4 Human capital formation Lesson 5. Rural development Lesson 6 Employment Lesson 7 Environment and sustainable development |
| 6. | Biology | Chapter 7: Human Health and Disease Chapter 8: Microbes in Human Welfare |
| 7. | Physics | Chapter 9- Oral - Explanation of reflection of light by spherical mirror and refraction Written - Book exercise and some extra objective type questions Activity - In lab perform a experiment on spherical mirrors. Chapter 10 - Wave optics Oral - Huygens principal, refraction and reflection of plane waves using Huygens principal Written - Book exercise and some extra objective type questions Activity - Perform experiment on lens or reflection. |
| 8. | Chemistry | Week 1: Introduction to Coordination Compounds Day 1: Introduction to Coordination Compounds (Definitions, Importance) Day 2: Types of Ligands (Monodentate, Bidentate, Polydentate) Day 3: Nomenclature of Coordination Compounds (IUPAC Rules) |

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| | <p>Day 4: Coordination Number, Coordination Sphere Day 5: Practice problems on Nomenclature</p> <p>Week 2: Bonding and Structure in Coordination Compounds Day 1: Werner's Theory of Coordination Compounds Day 2: Valence Bond Theory (VBT) in Coordination Compounds Day 3: Crystal Field Theory (CFT) in Octahedral and Tetrahedral Complexes Day 4: Crystal Field Splitting Energy, Spectrochemical Series Day 5: Numerical problems on Crystal Field Splitting Energy (Δ_o, Δ_t)</p> <p>Week 3: Isomerism in Coordination Compounds Day 1: Structural Isomerism in Coordination Compounds (Ionization, Hydrate, Linkage) Day 2: Stereoisomerism (Geometrical and Optical Isomerism) in Complexes Day 3: Examples and Practice Problems on Isomerism Day 4: Bonding in Metal Carbonyls Day 5: Numerical problems and applications</p> <p>Week 4: Stability, Applications, and Biological Importance Day 1: Stability of Coordination Compounds, Factors Affecting Stability Day 2: Applications of Coordination Compounds in Medicine, Industry, and Biological Systems Day 3: Role of Coordination Compounds in Biological Systems (Hemoglobin, Chlorophyll, etc.) Day 4: Revision and Doubts Discussion Day 5: Class Test on Coordination Compounds</p> |
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