

# SYLLABUS FOR THE POST OF DISPATCH RIDER

Time : 02 hours

Marks: 100

## Unit-I GENERAL ENGLISH

(22 marks)

- (i) Re-arranging of jumbled sentences
- (ii) Narration
- (iii) Models
- (iv) Articles
- (v) Paragraph writing with blanks to be filled in with the following Phrases, Pronouns, Homonyms / homophones, Tenses.
- (vi) Clauses
- (vii) Punctuation
- (viii) Synonyms and antonyms
- (ix) Pairs of words and their use in meaningful sentences.
- (x) Idioms and phrases.

## Unit-II MATHEMATICS

(17 marks)

- (i) Problems on finding Surface areas and volumes of combinations of any two of the following cubes, cuboids, spheres, hemispheres and right circular cylinders / cones. Frustum of a cone.
- (ii) Profit and loss
- (iii) Simple / Compound interest.
- (iv) Linear equations with two variables.

## Unit-III SOCIAL SCIENCE

### HISTORY

(11 marks)

- (i) Rise of National Movement-Factors.
- (ii) Boycott and Swadeshi Movement.
- (iii) Rise of Muslim League in 1906: Cause.
- (iv) Khilafat Movement and the Non-Cooperation Movement.
- (v) Civil Disobedience Movement.
- (vi) Quit India Movement.
- (vii) Independence and Partition of India.

### (A) CIVICS

(11 marks)

- (i) Origin of democracy.
- (ii) Direct democracy.
- (iii) Indirect democracy.
- (iv) Hindrance to democracy.
- (v) Franchise.
- (vi) Secret Ballot.
- (vii) Nomination.
- (viii) Presidential elections.
- (ix) Languages.

- (x) **Castism and Un-touch ability.**
- (xi) **The United Nations.**
- (xii) **India's relations with her Neighbors.**

**(B) GEOGRAPHY (11 marks)**

- (i) **Types of forests (with special reference of J&K State).**
- (ii) **Conservation and protection of forests.**
- (iii) **National Parks and Wildlife sanctuaries (Reference of J&K Sanctuaries and National Parks).**
- (iv) **Conservation of wildlife.**
- (v) **Water resources.**
- (vi) **Sources of Water (with special reference of J&K State).**
- (vii) **Uses of water resources.**
- (viii) **Multipurpose River Valley projects (with special reference of J&K State).**
- (ix) **Distribution of irrigated Areas.**
- (x) **Growing need of water.**
- (xi) **Conservation and management of water resources.**
- (xii) **Watershed development.**
- (xiii) **Rainwater Harvesting.**
- (xiv) **Transport.**
- (xv) **Roads (Different routes of J&K State).**

**Unit-IV GENERAL SCIENCE (17 marks)**

- (i) **Various sources of energy; conventional sources of energy; improvement in technology for using conventional sources of energy (Biomass and wind energy)**
- (ii) **Non-conventional sources of energy (Solar energy, Energy from sea)**
- (iii) **Nuclear energy (Nuclear fusion and nuclear fission)**
- (iv) **Lasting of energy sources.**
- (v) **Physical properties of metals and non-metals.**
- (vi) **Chemical properties of metals like action of water, air, acids, salts; Reactivity series of metals.**
- (vii) **Cause of reactivity of metals and non metals. Properties of Ionic compounds.**
- (viii) **Occurrence of metals, their extraction, enrichment of ores. Extraction of metals in accordance with activity series; refining of metals.**
- (ix) **Corrosion of metals and its prevention.**
- (x) **What are life processes?**
- (xi) **Nutrition- Autotrophic Nutrition, Heterotrophic Nutrition, How do animals obtain their nutrition? Nutrition in Human beings.**
- (xii) **Respiration.**
- (xiii) **Transportation: Transportation in Plants.**
- (xiv) **Excretion: Excretion in Human Beings, Excretion in Plants.**
- (xv) **What happens when we add our waste to the Environment.**
- (xvi) **Ecosystem – What are its components? Food chains and Webs.**
- (xvii) **How do our activities effect the environment? Ozone layer and how it is getting depleted. Managing the garbage we produce.**

**Unit- V GENERAL KNOWLEDGE**

**(11 marks)**

**Abbreviations, Important Dates, First in India, Popular personalities of India, Principal Languages of India, Awards, Honours and Prizes, Seven wonders. Flora and Fauna of J&K State. Weather, Climate, Crops, Means of Transport, Important projects and their impact on Economy of J&K State. Rivers and Lakes of J&K State. Rivers and Lakes of J&K State. Important Tourist Destinations of J&K, Eco-Tourism, History of J&K State / Historical places and their importance.**