

## Annexure "T"

### Syllabus for written test

**Marks: 120**

**Time: 02.00 Hrs.**

#### GENERAL ENGLISH

**20 Marks**

- (i) Tenses
- (ii) Rearranging of jumbled sentences.
- (iii) Narration
- (iv) Models
- (v) Articles
- (vi) Comprehension with blanks to be filled in with
  - i. Phrases
  - ii. Pronouns
  - iii. Homonyms / homophones.
- (vii) Clauses
- (viii) Synonyms and antonyms
- (ix) Pairs of words and their use in meaningful sentences.
- (x) Idioms and phrases.
- (xi) Uses of Prepositions.
- (xii) Active & Passive Voice

#### GENERAL KNOWLEDGE AND CURRENT AFFAIRS

**20 Marks**

- (i) Indian History with special reference to Freedom struggle
- (ii) First in world (Adventure, Sports, Discoveries)
- (iii) First in India (Adventure, Sports, Discoveries)
- (iv) Popular Personalities (Politics, Scientific discoveries, Geographical, Sports, History)
- (v) The Newspaper world – (Current Dailies & Weeklies of India)
- (vi) Languages & Culture
- (vii) International Organisations- UNO, WHO, WTO, IMF, UNESCO, UNCTAD etc.
- (viii) Important Regional Organizations and Blocs- BRICS, OPEC, ASEAN, SAARC, BIMSTEC, G-20, G-7 etc.
- (ix) Sustainable Development Goals
- (x) Communicable Diseases- cure and prevention
- (xi) NCDC- COVID-19 - SOPs, Advisories, Guidelines etc
- (xii) World famous Awards
- (xiii) The world of Sports
- (xiv) Climate & Crops in India
- (xv) Political & Physical divisions of world & India
- (xvi) Important Rivers & Lakes in India
- (xvii) Current Events of National and International importance

- (xviii) Agriculture in economic development; Industrialization and economic development.
- (xix) Foreign Trade & Balance of payments
- (xx) New economic reforms
- (xxi) Inflation, Monetary Policy, Fiscal Policy, Capital Markets, Role of RBI, Taxation in India- Direct & Indirect Tax - CBDT, GST etc.
- (xxii) India's Atomic Research Programme,
- (xxiii) Thermal / Nuclear/ Hydro Power Plants in India.

**GENERAL KNOWLEDGE WITH SPECIAL REFERENCE TO UT of J&K** **20 Marks**

- (i) Popular names of personalities and their achievements/ Contribution (National and International).
- (ii) Weather, Climate, Crops, Means of Transport.
- (iii) J&K History, Economy and Culture
- (iv) Flora and Fauna of J&K
- (v) Rivers and Lakes.
- (vi) Important Tourist Destinations.
- (vii) J&K Panchayati Raj Act, 1989 (as amended upto December, 2020), 73rd & 74th Constitutional amendments.
- (viii) J&K Reorganisation Act, 2019

**GENERAL SCIENCE** **20 Marks**

- (i) Various sources of energy; conventional sources of energy; improvement in technology for using conventional source of energy (Biomass and wind energy)
- (ii) Non-conventional sources of energy (Solar energy, Tidal energy).
- (iii) Mechanics, Rest, motion, Velocities, acceleration, Newton Laws of motion,
- (iv) Voltage, Current, Resistance, Power, D.C Batteries
- (v) Waves, light as a wave, Sound waves, Transverse and longitudinal waves.
- (vi) Structure of Atom
- (vii) Solids, Liquids and Gases(Basics)
- (viii) Life processes: Nutrition and its types, Respiration, Transportation of water, food and minerals in plants.
- (ix) Vitamins- Diseases related to vitamin deficiency.
- (x) Environmental pollution.
- (xi) Ecosystem – Its components, Food chains and Food webs.
- (xii) Ozone layer, its depletion, Green House Effect.
- (xiii) Importance of water in life

**MENTAL ABILITY TEST**

**20 Marks**

- (i) Number series.
- (ii) Letter series.
- (iii) Coding decoding.
- (iv) Direction sense.
- (v) Blood relations.
- (vi) Mathematical reasoning.
- (vii) Speed, Distance and Time.
- (viii) Statements and conclusions.
- (ix) Logical Reasoning.
- (x) Mental Reasoning.

**COMPUTER APPLICATIONS**

**20 Marks**

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- (i) Fundamentals of computer sciences
- (ii) Hardware & Software
- (iii) Input and output devices
- (iv) Operating system
- (v) M.S Word, M.S Excel, M.S Access and Powerpoint Presentation
- (vi) E\_mail & Internet