



GOVERNMENT OF JAMMU AND KASHMIR
JAMMU & KASHMIR SERVICES SELECTION BOARD
CPO Chowk Panjtirthi, Jammu/ Zamzam Complex Rambagh Srinagar
www.jkssb.nic.in

Syllabus for the post of Laboratory Attendant, Home Department

GENERAL ENGLISH

20 Marks

- (i) Paragraph writing / Comprehension
- (ii) Editing / Proof Reading
- (iii) Rearranging of jumbled sentences
- (iv) Dialogue
- (v) Narration
- (vi) Models
- (vii) Articles
- (viii) Paragraph writing with blanks to be filled in with the following
 - i. Phrases
 - ii. Pronouns
 - iii. Homonyms/Homophones etc.
- (ix) Clauses
- (x) Punctuation
- (xi) Synonyms and antonym
- (xii) Pairs of words and their use in meaningful sentences
- (xiii) Idioms and phrases
- (xiv) Uses of Prepositions

GENERAL AWARENESS

20 Marks

- (i) Current events of National Importance
- (ii) International Organisations-UNO, WHO, WTO, IMF, Regional Organizations and Blocs-BRICS, SAARC, ASEAN, G-20, G-7 etc.
- (iii) Space Programme of India
- (iv) India's Atomic Research Programme
- (v) Honours and Prizes <https://applyonline24.in/syllabus/>
- (vi) Exports and Imports
- (vii) GDP, GNP, Per capita Income etc.
- (viii) Weather, Climate, Crops, Means of Transport
- (ix) History, Geography, Economy and Culture of J&K UT
- (x) Flora and Fauna of J&K UT
- (xi) Rivers and Lakes J&K UT
- (xii) J&K Reorganisation Act, 2019

GENERAL SCIENCE

20 Marks

- i. Gravitation / Heat / Light / Matter / Acids / Salts / Elements / Cells.
- ii. Various sources of energy; conventional sources of energy; improvement in technology for using conventional source of energy (Biomass and wind energy)
- iii. Non-conventional sources of energy (Solar energy, Energy from sea)
- iv. Physical properties of metals and non-metals

- v. Chemical properties of metals like action of water, air, acids, salts; Reactivity series of metals
- vi. Occurrence of metals; their extraction, enrichment of ores. Extraction of metals in accordance with activity series; refining of metals
- vii. Life processes: Nutrition and its types, Respiration, Transportation of water, food and minerals in plants, Excretion with reference to plants and animals
- viii. Environmental pollution
- ix. Ecosystem – Its components, Food chains and Food webs
- x. Ozone layer, its depletion, Green House Effect
- xi. Mendal's contribution and experiments on pea plant
- xii. Types of reproduction in Plants and Animals
- xiii. Classification of Plants and Animals



MATHEMATICS

20 Marks

- (i) Problems on finding Surface areas and volumes of combinations of any two of the given cubes, cuboids, spheres, hemispheres and right circular cylinders / cones. Frustum of a cone
- (ii) Problems involving converting one type of metallic solid into another and other mixed problems
- (iii) Profit and loss
- (iv) Simple / Compound interest
- (v) Linear equations with two variables
- (vi) Progression / BODMAS
- (vii) Probability: Simple problems on Single event

COMPUTER APPLICATIONS

20 Marks

- (i) Fundamentals of computer sciences
- (ii) Hardware & Software
- (iii) Input and output devices
- (iv) Operating system
- (v) M.S Word, M.S Excel,
- (vi) M.S Access and PowerPoint
- (vii) Presentation
- (viii) Email & Internet

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