

**Syllabus for Objective-Type Written Test for the posts of Junior Assistant advertised  
vide Notification No. 01 of 2017 dated 17 July, 2017.**

**Paper – A: General**

<b>Number of objective type questions</b>	<b>100</b>
<b>Number of objective type questions in each Section</b>	<b>25</b>
<b>Correct Question</b>	<b>1 mark each</b>
<b>Time allowed</b>	<b>110 minutes</b>

**I. General English:**

- ✓ Tenses
- ✓ Rearranging of Jumbled sentences
- ✓ Narration
- ✓ Models
- ✓ Articles
- ✓ Comprehension with blanks to be filled in with Phrases, Pronouns, Homonyms / homophones
- ✓ Clauses
- ✓ Synonyms and antonyms
- ✓ Pairs of words and their use in meaningful sentences
- ✓ Idioms and phrases
- ✓ Uses of Prepositions

**II. General Knowledge and Current Affairs:**

- ✓ Important dates in Indian History / Freedom struggle, different dates and events – First in world (Adventure, Sports, Discoveries)
- ✓ First in India (Adventure, Sports, Discoveries)
- ✓ Popular names of Personalities (Religion, Politics, Scientific discoveries, Geographical, Sports, History)
- ✓ The Newspaper world – (Current Dailies & Weeklies of India)
- ✓ Books & Authors – General
- ✓ Languages
- ✓ Capitals & Currencies
- ✓ United Nations Organizations – Veto Powers ; Number of Countries as its Members ; Principal organs and their functions
- ✓ SAARC, ASEAN
- ✓ Everyday Science
- ✓ World famous Award - ( In Science, Literature & Sports)
- ✓ National Awards - ( In Science, Literature & Sports)
- ✓ The World of Sports.
- ✓ Climate & Crops in India
- ✓ Democratic institutions
- ✓ Forms of Government
- ✓ Political & Physical divisions of World & India
- ✓ Important Rivers & Lakes in India
- ✓ Current Events of National and International Level

- ✓ Role of Mathematics in Economics
- ✓ Agriculture in economic development; Industrialization and economic development
- ✓ Indian Foreign Trade
- ✓ New economic reforms and growth of foreign trade
- ✓ Inflation – Concept and types; Causes and consequences

**III. General Science:**

- ✓ Various sources of Energy; Conventional sources of energy; Improvement in technology for using conventional source of energy (Biomass and wind energy)
- ✓ Non-conventional sources of energy (Solar energy, Tidal energy)
- ✓ Mechanics, Rest, Motion, Velocities, Acceleration, Newton Laws of motion
- ✓ Voltage, Current, Resistance, Power, D.C. Batteries
- ✓ Waves, light as a wave, Sound waves, Transverse and longitudinal waves
- ✓ Structure of Atom
- ✓ Solids, Liquids and Gases (Basic)
- ✓ Life processes: Nutrition and its types, Respiration, Transportation of water, food and minerals in plants
- ✓ Vitamins- Diseases related to vitamin deficiency
- ✓ Environmental pollution
- ✓ Ecosystem – Its components, Food chains and Food webs
- ✓ Ozone layer, its depletion, Green House Effect
- ✓ Importance of water in life

**IV. Mental Ability Test**

- ✓ Number series
- ✓ Letter series
- ✓ Coding decoding
- ✓ Direction sense
- ✓ Blood relations
- ✓ Mathematical reasoning
- ✓ Speed, Distance and Time
- ✓ Statements and conclusions
- ✓ Logical Reasoning
- ✓ Mental Reasoning

**Paper – B: Computer Test**

<b>Number of objective type questions</b>	<b>50</b>
<b>Number of objective type questions in each Section</b>	<b>10</b>
<b>Correct Question</b>	<b>1 mark each</b>
<b>Time allowed</b>	<b>60 minutes</b>

- i. **Computer Fundamentals.**
- ii. **Operating System (Windows).**
- iii. **MS Word.**
- iv. **MS Excel.**
- v. **MS Power Point, Email and Internet.**