

Part III—Math—15 Marks

- Q#01. Find the value of “x” $\frac{2}{3}x - \frac{1}{2} = \frac{7}{6} + \frac{1}{2}x$ (5)
- Q#02. Simplify by using algebraic identities: $(x - 3)^2 + (2x + 1)^2$ (5)
- Q#03. Find the positive square root of 1521 by division method. (5)

Part IV—Sciences—15 Marks

Biology:

- Q#01. Differentiate between ectoparasites and endoparasites with example. (5)
- Q#02. What is function of Stomata? (01)
- Q#03. What is difference between aerobic and anaerobic respiration. (01)

Physics:

- Q#01. Sara Took a cup of hot water she place (dipped) are plaster spoon and are metal spoon into the cup. Share your observation that which spoon will be hot to touch? Give reason too. (2)
- Q#02. Label the wave and identify these points. (1)

Chemistry:

- Q#01. Define ion? Explain the formation of “Ion of Sodium”. (1.5)
- Q#02. How to convert an unsaturated solution in to a saturated solution. Explain with the help of practical example. (1.5)

Outline/Contents of Question Paper Class 8

English: Change the gender/number/form of the sentence; Forms of verbs / Degrees of adjectives; Use of article / preposition; Words having similar / opposite meanings; Correction of spellings / sentences etc. Three words, according to the level of the respective class, are given to write meanings in Urdu or simple English and for sentence formation. Some sentences are offered for Urdu to English translation. The prescribed Textbook of English for Class 7 Punjab Textbook Board is recommended.

Urdu: Five words are given to write meanings in Urdu and for sentence formation. An essay on the subject based upon any suitable lesson of the respective text book is given to write. The prescribed text book of Urdu for Class 7 of the Punjab Text Book Board is recommended.

Mathematics: The paper carries three sums carrying 5 marks each. The candidate is required to solve all of them. These questions are picked up from the exercises of different important areas of the respective text book. The prescribed text book of Mathematics for Class 7 (English Version) of the Punjab Text Book Board is recommended.

Science: Three questions will be given. The prescribed text book of science for class 7 (English version) of the Punjab text book board is recommended.