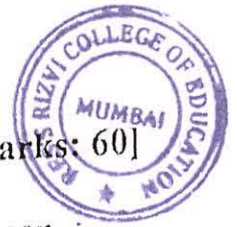


Beteh
2024-2026

Paper / Subject Code: 13111 / Science SEM-III
EC2 03/01/2026

[Marks: 60]



[Time: Two Hours]

Please check whether you have got the right question paper.

- N.B: 1. Answer any five Questions from Q. No. 1 to Q. No. 8 and Q. No. 9 is compulsory
2. Marks are indicated against each question.
3. Students answering in regional languages should refer to English paper, in case of any doubt.

- 1) 'Maxims of teaching make learning logical, systematic, and learner-friendly.' Justify this statement with reference to any three maxims of teaching Science. 10
- 2) Explain the various avenues of professional growth available to a Science teacher. 10
- 3) 'The use of problem solving method in science cultivates critical thinking skills in learners'. Elaborate with reference to the procedure and advantages of the problem solving method. 10
- 4) Describe the organization and significance of field visit in the teaching of science. 10
- 5) Illustrate with suitable examples the 'Topical' and 'Concentric' approaches of curriculum organization in Science. 10
- 6) What is meant by improvised apparatus? Explain its significance in Science teaching. 10
- 7) Explain the classification of academic disciplines based on the Becher-Biglan typology. 10
- 8) "Science is not merely a body of facts and logical reasoning; it also helps in the development of values." Elaborate this statement with reference to the values of teaching Science. 10
- 9) Attempt briefly any two of the following: 10
 - a Need of remedial teaching
 - b Place of science subject in present school curriculum
 - c Significance of concept mapping
 - d Nature of science
