



Dr. B. R. Ambedkar School of Specialised Excellence
Student Selection Process
Science, Technology, Engineering and Mathematics (STEM)
Class 11

The student selection process for STEM Class 11 PCM and PCB streams is described below.

Grade XI PCM: - Written MCQ Test

PAPER SCHEME:

- The paper contains **60 Objective Type Questions** divided into four sections: Section - I, Section - II, Section - III and Section - IV
- **Section I** contains 10 Multiple Choice Questions (1-10) based on Mental Aptitude. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE CHOICE** is correct.
- **Section II** contains 15 Multiple Choice Questions (11-25) based on science. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE CHOICE** is correct.
- **Section III** contains 25 Multiple Choice Questions (26-50) based on Mathematics. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE CHOICE** is correct.
- **Section IV** contains 10 Numerical Value Type Questions (1-10). The answer to each of these questions ranges from 0 to 99

MARKING SCHEME:

Section I: For each question, **4 marks** will be awarded for correct answer and **–1 negative marking** for incorrect answer.

Section II & III: For each question, **5 marks** will be awarded for correct answer and **–1 negative marking** for incorrect answer.

Section IV: For each question, **6 marks** will be awarded for correct answer and **no negative marking** for incorrect answer.



Grade XI PCB: - Written MCQ Test

PAPER SCHEME:

- The paper contains **120 Objective Type Questions** divided into four sections: Section - I (Physics), Section - II (Chemistry), Section - III (Biology) and Section - IV (Mental Ability).
- Section-I, II and III contain 35 Multiple Choice Questions each and Section-IV contains 15 Multiple Choice Questions. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE CHOICE** is correct.

MARKING SCHEME:

For each question in Section-I, II, III and IV, **4 marks** will be awarded for correct answer and **-1 negative marking** for incorrect answers.