

Candidate is expected to appear in a paper (one of the listed above) appropriate to the discipline of *his/her* qualifying degree.

Candidate is, however, free to choose any paper according to his/her admission plan, keeping in mind the eligibility criteria of the institutions in which he/she wishes to seek admission.

3.2.1. Paper merged from GATE 2009 onwards

With effect from GATE 2009, Information Technology (IT) paper has been merged into Computer Science (CS) paper. *Thus, there is no separate GATE Paper with the name IT.* The name and code of the merged paper will be Computer Science and Information Technology (CS).

3.2.2. Paper discontinued from GATE 2009 onwards

Computational Science and Electrical Sciences sections have been discontinued in XE paper with effect from GATE 2009.

3.2.3. Paper to be discontinued from GATE 2010 onwards

It has been decided to discontinue the offering of Pharmaceutical Sciences (PY) paper with effect from GATE 2010.

3.3. Patterns of Question Papers

The patterns of examination papers are described below. This is followed by a description of the various types of multiple choice objective questions.

3.3.1. AE through TF Papers (except GG paper)

There will be a total of 60 questions carrying 100 marks. Q.1 to Q.20 (20 questions) will carry one mark each (sub-total 20 marks). Q.21 to Q.60 (40 questions) will carry two marks each (sub-total 80 marks).

Q.51 through Q.56 (3 pairs) will be common data questions and question pairs (Q.57, Q.58) and (Q.59, Q.60) will be linked answer questions. The answer to the second question of the last two pairs will depend on the answer to the first question of the pair. If the first question in the linked pair is wrongly answered or is un-attempted, then the answer to the second question in the pair will not be evaluated.

NEGATIVE MARKING: For Q.1 to Q.20, $\frac{1}{3}$ mark will be deducted for each wrong answer. For Q.21 to Q.56, $\frac{2}{3}$ mark will be deducted for each wrong answer. The question pairs (Q.57, Q.58), and (Q.59, Q.60) are questions with linked answers. There will be negative marks only for wrong answer to the first question of the linked answer question pair i.e. for Q.57 and Q.59, $\frac{2}{3}$ mark will be deducted for each wrong answer. There is no negative marking for Q.58 and Q.60.

All the papers bearing the codes AE, AG, CE, CH, CS, EC, EE, IN, ME, MN, MT, PI and TF will contain few questions on Engineering Mathematics.

3.3.2. GG (Geology & Geophysics) Paper

GG paper will consist of two parts: Part A and Part B.

There will be a total of 60 questions carrying 100 marks. Part A will be common to both Geology & Geophysics candidates and will contain 20 questions (Q.1 to Q.20) carrying one mark each (sub-total 20 marks). Part B will contain two sections; Section 1 (Geology) and Section 2 (Geophysics). In each of these sections, Q.21 to Q.60 (40 questions) will carry two marks each (sub-total 80 marks).

Q.51 to Q.56 (3 pairs) will be common data questions and question pairs (Q.57, Q.58) and (Q.59, Q.60) will be linked answer questions. The answer to the second question in these two pairs will depend on the