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MATHEMATICS & STATISTICS (40) **(ARTS & SCIENCE)**

Time : 3 Hrs.

(7 Pages)

Max. Marks : 80

General instructions :

The question paper is divided into FOUR sections.

- (1) **Section A :** Q. 1 contains *Eight* multiple choice type of questions, each carrying *Two* marks.
Q. 2 contains *Four* very short answer type questions, each carrying *one* mark.
- (2) **Section B :** Q. 3 to Q. 14 contain *Twelve* short answer type questions, each carrying *Two* marks. (Attempt any *Eight*)
- (3) **Section C :** Q. 15 to Q. 26 contain *Twelve* short answer type questions, each carrying *Three* marks. (Attempt any *Eight*)
- (4) **Section D :** Q. 27 to Q. 34 contain *Eight* long answer type questions, each carrying *Four* marks. (Attempt any *Five*)
- (5) Use of log table is allowed. Use of calculator is not allowed.
- (6) Figures to the right indicate full marks.
- (7) Use of graph paper is not necessary. Only rough sketch of graph is expected.
- (8) For each multiple choice type of question, it is mandatory to write the correct answer along with its alphabet, e.g., (a) / (b) / (c) / (d)....., etc. No marks shall be given, if ONLY the correct answer or the alphabet of correct answer is written. Only the first attempt will be considered for evaluation.
- (9) Start answer to each section on a new page.

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