

MCA & MIT COMBINED ENTRANCE TEST (2010-11)

Syllabus & Model Question Paper

The test is a little different from those normally conducted in schools or colleges. The candidates will be given a test booklet containing questions. For each question, several suggested answers will be given, of which only one answer shall be correct. The questions will have serial numbers, 1, 2, 3, etc. and the answer choices for each question will be marked as A, B, C, D, etc. A separate answer sheet shall be given to answer the questions.

(a) Methods of answering questions:

On the answer sheet, for each question there shall be several spaces i.e. O (circle) under the heading A, B, C & D. While answering any question, the index (i.e. A or B or C or D) of the correct answer chosen from the question booklet should be noted and the corresponding O should be blacked with HB pencil against the appropriate question number on the answer sheet.

(b) Important Rules for Candidates:

- i. Read the directions for each of the sections of the test carefully. The question paper will be divided into several parts. Use your time as economically as possible.
- ii. Do not give more than one answer to any question, as there is only one correct answer to each question. If more than one answer is given for any question, it will be counted as wrong. If after blackening some O on the answer sheet, you want to change your answer, erase the first mark completely and then mark the new one.
- iii. Follow the instructions given by the supervisor. When supervisor asks you **start** or **stop** the test or a section of the test, you must follow his instructions immediately. This is very important.
- iv. You will not be permitted to take rough paper, scales or drawing instruments or calculator into the examination hall. Do your rough work in the space provided on the booklet itself.
- v. After finishing the test submit the test booklet and the answer sheet to the supervisor. Do not take these out of the hall.
- vi. Do not forget to write your roll number and question booklet number on the answer sheet in the space provided for the same.
- vii. The candidates are instructed to be careful while answering the questions. The candidates should answer only those questions for which they are fully confident. They should avoid guessing the answers as for every wrong answer there shall be a deduction of 0.25 marks i.e. **a negative marking**.
- viii. Eligible candidates shall be issued Admit Cards by post or by hand on request.
- ix. Eligible candidates will be allowed to appear in the Entrance Test on the production of admit card. Those who do not receive their Admit Card prior to the commencement of the test are advised to contact the Office of the University and collect their duplicate Admit Card personally.
- x. The candidates should remain in touch with the University regarding the declaration of the result, merit list, selection list and other related information and also visit our website www.bgsbuniversity.org.

(c) SYLLABUS:

The syllabus for the test comprises items on mental ability, English Comprehension and Elementary Mathematics as shown below:

- (i) Series-Numeric and Alphabetic, Logical Reasoning } 15%
- (ii) English- Synonyms, Antonyms, Identification of Grammatical errors etc. } 35%
- (iii) Arithmetic including Percentage, Interest, Profit and Loss, Time and Work, Height and Distance, Stock and Shares, Ratio and Proportion, Average, Fractions etc. Mathematics covering Trigonometry, Geometry, Algebra, Calculus etc. } 50%

(d) SAMPLE QUESTION PAPER

SERIES (INVOLVING LOGIC)

Directions for Questions 1-8:

In each question below you will find a series either with integers or with two letters 'a' and 'b' and these are arranged following some pattern or rule. Try to understand the pattern or rule. There are some blank spaces in the series. Your task is to find out the missing integer or letter from the given alternatives and indicate your answer on the answer sheet.

Questions:

1) **a - b ba - b ba a b -**

- A) aba B) aab C) bab D) bba

2) **85 80 76 73 _**

- A) 71 B) 70 C) 75 D) None

3) **a - b - a b - b**

- A) aab B) aba C) bab D) bbb

4) **105 315 693 --**

- A) 819 B) 1287 C) 455 D) None

5) **a - b c a a a b - a**

- A) bc B) cb C) ac D) ca E) None of these

6) **a - a c a a b - a a**

- A) ab B) bc C) ca D) ac E) None of these

7) **5 10 125 3 6 -----**

- A) 81 B) 136 C) 25 D) 27 E) None of these

8) **1 49 9 --- 25 ---**

- A) 81, 125 B) 16, 136 C) 16, 35 D) 81, 121 E) None of these

Answer Sheet is available in SSPDF format