



MCA / M.Sc. Computer Science/M.Sc. IT ENTRANCE TEST (2014)

Important Instructions

The question paper for the test for admission to MCA/M.Sc. Computer Science/M.Sc.IT shall carry Multiple Choice Questions to test Mental Ability, English Comprehension and Mathematics of 12th standard. The test shall be of two hours duration.

(a) Description of the Test:

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.

(b) 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/ Blue Ball pen against the appropriate question number on the answer sheet. (*See sample Response sheet*)

(c) 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.
- 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 Question booklet itself.
- v. After finishing the test submit the test booklet and the Response 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 Response sheet in the space provided for the same.
- vii. Eligible candidates shall be issued Admit Cards either by post or by hand from the concerned Branches of the university on request.
- viii. 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 after submitting attested passport size photograph.
- ix. 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.
- x. Any other instructions communicated in the Examination Hall.

(d) SYLLABUS

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| 1. | (a) Series-Numeric and Alphabetic
(b) Logical Reasoning | } 40% |
| 2. | English- Synonyms, Antonyms, Identification of Grammatical Errors etc. | } 10% |
| 3. | Basic Arithmetic computation : Percentage, Interest, Profit and Loss, Time and Work, Height and Distance, Stock and Shares, Ratio and Proportion, Average, Fractions etc.
Sets (Basic operations), Algebra, Calculus etc. | } 50% |

(d) SAMPLE QUESTION PAPER

SERIES (INVOLVING LOGIC) Directions for Questions 1- 2:

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.

Question:

SERIES/LOGICAL REASONING

1) a - b b a - b b a a b -

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

2) 85 80 76 73 _

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

ENGLISH Directions for questions 3 - 4:

In each of the following questions, a word is given followed by four other words marked by A, B, C and D, one of which is nearest in meaning with the given word. Your task is to choose that word and indicate that on the answer sheet. If you do not find any correct answer then indicate "E" as your answer.

3) **INSIPID**

- A) Ominous B) Chink C) Prosy D) Avocation

4) **CONTRITION**

- A) Indemnity B) Compunction C) Resuscitation D) Garniture

MATHEMATICS

5) In a business A, B & C invested Rs. 500/-, Rs. 225/- and Rs. 300/ respectively. If the profit earned is Rs. 410/- what will be the share of A?

- A) Rs. 200/- B) Rs. 180/- C) Rs. 120/- D) None of these

6) The If diameter of the circle is doubled, the area becomes

- A) Twice B) Thrice C) Four times D) Eight times


HoD
Department of computer Science.


HoD
Department of Information Technology


Dean
School of Mathematical
Sciences & Engineering.

(d) SAMPLE RESPONSE SHEET

Baba Ghulam Shah Badshah University, Rajouri
Entrance Test - 2014
SAMPLE RESPONSE SHEET

Roll Number

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Booklet No.

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INSTRUCTIONS FOR FILLING THE SHEET

1. This sheet should not be folded or crushed.
2. Use only blue/black ball point pen to fill the circles.
3. Use of pencil is strictly prohibited.
4. Circles should be darkened completely and properly.
5. Cutting and erasing on this sheet is not allowed.
6. Do not use any stray marks on the sheet.
7. Do not use marker, white fluid or any other device to hide the shading already done.

WRONG METHODS

CORRECT METHODS

1	2	3	4	5	61	62	63	64	65	101	102	103	104	105	151	152	153	154	155	201	202	203	204	205
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SAMPLE RESPONSE SHEET

HoD 01/03/2014
 Department of computer Science.

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 School of Mathematical Sciences & Engineering.