

BOARD OF INTERMEDIATE EDUCATION, KARACHI
INTERMEDIATE EXAMINATION, 2016 (ANNUAL)

Date: 03.05.2016
2:30 p.m. to 2:45 p.m.

BUSINESS MATHEMATICS PAPER I
(Commerce Group – Regular & Private)

Max. Marks: 10
Time: 15 minutes

The correct answers are highlighted in red colour.

SECTION 'A'
(MULTIPLE CHOICE QUESTIONS) – (M.C.Qs.)

Code No: BM-09

Write this Code No. in the Answerscript.

NOTE:

- i) This section consists of 10 part questions and all are to be answered. Each question carries one mark.
- ii) Do not copy the part questions in your answerbook. Write only the answer in full against the proper number of the question and its part.
- iii) The code of your question paper is to be written in bold letters in the beginning of the answerscript.

1. Choose the correct answer for each from the given options:

- i) In a quadratic equation, the highest power of the variable is:
* 0 * 1 * **2** * 3
- ii) The product of a matrix by its inverse is equal to:
* Null matrix * Singular matrix * **Identity matrix** * Row matrix
- iii) A straight line is parallel to x-axis, then its slope is equal to:
* Infinity * **zero** * 1 * 2
- iv) Simple interest on Rs. 300/- for 4 years at 5% per annum is:
* **60** * 66 * 320 * 360
- v) 10 is 100 times greater than:
* 0.001 * 0.01 * **0.1** * 1
- vi) A matrix for which inverse does not exist known as:
* Unit matrix * Square matrix * Null matrix * **Singular matrix**
- vii) If $x:4::10:2$ then x is equal to:
* **20** * 21 * 22 * 23
- viii) The distance between two points $(-2, 3)$ and $(1, -1)$ is:
* 0 * **5** * 10 * 20
- ix) Binary equivalent of 8 is:
* **1000** * 1001 * 1010 * 1100
- x) If the principal amount remains unchanged throughout the interest period, such interest is called:
* compound interest * **simple interest** * effective rate of interest * annuity

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