

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

Date: 04.05.2016  
2:30 p.m. to 2:45 p.m.

**STATISTICS PAPER – II**  
**(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:ST-03

Write this Code. 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 answerscript. 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.
- iv) The use of calculator is allowed.

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

- i) If a card is drawn from a pack of playing cards, then the probability of getting a face card is:  
\*      4/52                              \*      13/52                              \*      **12/52**                              \*      1/52
- ii) The blood group of the students of a class is:  
\*      Quantitative variable                              \*      **Qualitative variable**  
\*      Continuous variable                              \*      Discrete variable
- iii) The number of days in the month of December is:  
\*      Variable                              \*      **Constant**                              \*      Sample                              \*      Parameter
- iv) If, in a moderately skewed distribution, mean=35, median=30, then mode is:  
\*      10                              \*      **20**                              \*      5                              \*      65
- v) The mode of the data 1,7,2,3,4,5,5,7,4,4 is:  
\*      **4**                              \*      5                              \*      7                              \*      No mode
- vi) If Laspeyre's index number= 132.5%, Paasche's index number=135.75%, then Fisher's index number is:  
\*      154.11%                              \*      144.11%                              \*      **134.11%**                              \*      164.11%
- vii) For a certain distribution, if  $\sum(x-15) = 5$  and  $\sum(x-18) = 0$ , then mean is:  
\*      0                              \*      15                              \*      **18**                              \*      5
- viii) If two fair coins are tossed, then the probability of one head is:  
\*      0.25                              \*      **0.50**                              \*      0.75                              \*      1
- ix) Data obtained from daily newspaper is called:  
\*      primary                              \*      **secondary**                              \*      continuous                              \*      none of these
- x) If  $\bar{x} = 50$  and  $y = 3x - 10$ , then mean of y is:  
\*      **140**                              \*      0                              \*      100                              \*      200

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