

**2017**

**M.A. / M.Sc.**

**4th Semester Examination**

**ECONOMICS**

**PAPER—ECO-403**

*Full Marks : 30*

*Time : 1.30 Hours*

*The figures in the right-hand margin indicate full marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

*Illustrate the answers wherever necessary.*

**Group—A**

1. Answer any *five* questions of the following : 5×2
- (a) Distinguish between RAM and ROM.
  - (b) What is CC and BCC in e-mail ? When they are used ?
  - (c) What are the different functions of EVIEWS.

*(Turn Over)*

- (d) Write the full forms of SPSS, STATA and EViews.
- (e) What are Web Browsers and Search Engine?
- (f) What are the components of flow chart?
- (g) Write the FORTRAN equivalents of the following :  $e^x$ ,  
Remainder of  $M/N$ ,  $X+iY$ ,  $X=Y$ .
- (h) What is FORTRAN coding sheet?
- (i) What is FORTRAN variable?

2. Answer any *two* of following questions : 2×5

- (a) Using binary multiplication and division table
  - (i) multiply  $(111101)_2$  and  $(10011)_2$  and
  - (ii) divide  $(111011)_2$  by  $(1010)_2$
- (b) Find the Octal and Hexa-decimal equivalents of the decimal number 956.
- (c) Construct the hypothesis of testing the equality of two means and write down the test of testing in MS-Excel. What is the role of testing equality of two variances in this context? 1+2+2

3. Answer any *one* the following questions : 1×10

- (a) (i) What is Mail-merge? Write down the steps involved in mail-merge in MS-Word.

- (ii) Explain the following function with their application in MS-Excel.

EXP, RAND, STDEV, PEARSON, KURT      5+5

- (b) Write the algorithm, flow chart and program to find the maximum among three numbers.
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