2016

M.A. / M.Sc.

4th Semester Examination

ECONOMICS

PAPER—ECO-403

Full Marks : 30

Time : 1½ 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 operating system and application software.

   (b) What do you know by Web Browsers and search engine ?

(c) What is Slide Master ?

(d) What are the functions of 'find' and 'replace' for editing MS-Word Document.

(e) Write the steps to obtain the value of D-W statistic in SPSS.

(f) Distinguish integer constant and real constant.

(g) Write the FORTRAN equivalents of the follows e^x, Remainder of $\dfrac{x}{y}$, $A + iB$, $A \leq B$

(h) Distinguish 'STOP' and 'END' statements in FORTRAN.

Group—B

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

2. What is mail merge ? Write down the stops involved in mail merge in MS-Word.   1+4

3. Briefly explain the following functions with their application :

LN, AVERAGE STDEVA, SKEW, RAND.

4. Find the binary and Octal equivalents of the decimal number 457.

5. Write an algorithm and draw the flowchart of find the maximum among three numbers.

Group—C

6. Answer any *one* question of the following :   1×10

(a) Write a program in FORTRAN to test whether a given integer is even or odd.

(b) Write a program in FORTRAN to find the mean of a series.

(c) Write a program in FORTRAN to find the trace of square matrix.   3+3+4

7. Answer any *one* question of the following :   1×10

(a) Using binary addition and substraction table (i) add $(1111011)_2$, $(1011010)_2$, $(10101011)_2$, and $(11101)_2$; (ii) substract $(100011)_2$ from $(111100)_2$.

(b) Using binary multiplication and division table :

  (i) multiply $(1101110)_2$ and $(1001001)_2$ and

  (ii) divide $(11101101)_2$ by $(1010)_2$.

<div align="right">5+5</div>

————