

MA/M.Sc. 4th Semester Examination, 2010

ECONOMICS

(Computer Application in Economics)

PAPER—XV (EC—2403 A)

Full Marks : 30

Time : $1\frac{1}{2}$ hours

The figures in the right-hand margin indicate marks

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

Illustrate the answers wherever necessary

1. Answer any *five* questions of the following : 2×5

(a) Mention the different types of variables in FORTRAN.

(b) Mention any four library functions.

- (c) Write the following expression in FORTRAN equivalent.

$$(a + ib) / (|a + ib|)$$

- (d) What is control statement ?
- (e) What are the differences between STOP and END statements ?
- (f) What is the difference between “Save” and “Save As” ?
- (g) What is the function of “Tabs” ?
- (h) What are the characteristics of Windows-98 ?
- (i) Through which option you can repeat your last command ?
- (j) How to insert a sheet in MS-Excel ?

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

- (a) Write an algorithm and draw a flow-chart to find the area of a triangle.

(b) Write a program to test whether an integer is Armstrong number.

(c) What are the three major parts of CPU ?
Mention the functions performed by the three major parts of CPU.

(d) Write down the commands to execute the following operations :

(i) Create a file named 'Economics'.

(ii) Write 'Good subject' in it.

(iii) Now close the file and save it.

(iv) Display the content of the file.

(v) Change the file name from 'Economics' to 'myfile'.

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

(a) (i) Write a program to test whether a given integer is perfect square or not.

(ii) Write a program to compute GCD and LCM of two given integers. 5 + 5

(b) (i) What is the function of 'Paste special' ?

(ii) How can you merge cells in a table ?

(iii) How to create a 'PIE' chart in MS-Excel ?

2 + 2 + 6

