2008

M.A/M.Sc.

4th Semester Examination

ECONOMICS WITH COMPUTER APPLICATION

PAPER—XV (EC-2403)

Full Marks : 30

Time : $1\frac{1}{2}$ 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) Convert the figure : $(106)_{10} = (?)_8$.

(b) Perform the binary operation : 1010 – 1001.

(c) Give examples of an input device & an output device.

(d) Write the syntax to rename a file in MS–DOS.

(e) How do you insert a new column in MS–Excel ?

(f) What is control statement ?

(g) When are I-format & F-format used ?

(h) Mention any four Library functions in Fortan.

(i) Give examples of an integer constant, a characters constant & a real constant in FORTRAN Programming.

(j) What is the use of dimension in FORTRAN ?

Group—B

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

(a) Write a Programme to find the maximum number among three numbers using the logical 'if'. 5

(b) Let us suppose that the existing Path of a directory in MS-DOS in D:\Economics\Micro. Mention the steps for following :

(i) to Create a text file within the existing directory. 1

(ii) to copy the file from D:\Economics\Micro to C:\theory (DIR). 2

(iii) to change the file name by Ac.txt. 2

(c) Write a programme in FORTRAN to find out the area of triangle. 5

(d) (i) What is the functional difference between RAM & ROM ? 3

(ii) Define High level & Low-level languages. 2

Group—C

3. Answer any *one* question of the following :

(a) (i) Write down few features of MS-windows. 5

(ii) Indicate the difference between hardware & Software. 5

(b) (i) Write a Programme to find the Sum & Average of n numbers. 5

(ii) Write a Programme to find the sum of following finite series using do loops 5

$$1+\frac{1}{2^p}+\frac{1}{3^p}+ \ldots\ldots +\frac{1}{n^p}.$$

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