

M.Sc. 1st Semester Examination, 2011

**APPLIED MATHEMATICS WITH OCEANOLOGY
AND COMPUTER PROGRAMMING**

PAPER—MTM-107

(Practical)

Full Marks : 25

Time : 2 hours

Answer **all** questions

The figures in the right-hand margin indicate marks

GROUP — A

(Windows)

1. Answer *two* questions on lottery basis : 4
- (a) Demonstrate defragmentation.
 - (b) Set a screen saver.
 - (c) Goto DOS prompt and again come back to the Windows screen.

- (d) Create a folder on desktop and make it shareable.
- (e) Add a program to start menu.
- (f) Show how to retrieve the file from dustbin.
- (g) Find free space available in C drive.
- (h) Change the mouse double click speed.
- (i) Change the mouse pointer.
- (j) Check your disk.
- (k) Find free space in the hard disk.
- (l) Change the font size of all items shown on the desktop.

GROUP – B

(MS-WORD)

2. Answer *one* question on lottery basis : 8

- (a) Create a data file that contains the Names, Addresses of 6 institutes that run Applied Mathematics programmes. Write a letter for

admission to Applied Mathematics programme.
Use mailmerge feature of MS-Word to create
the letters for each of the institute.

(b) Perform the following tasks using MS-Word
document :

- Write an application to Head of your
department asking permission for a picnic.
- Insert a header - "Application for extension"
and a footer containing current date and
page number.
- Find all the occurrence of word "him" and
replace them by the word "her".
- Demonstrate the use of Auto text feature of
MS-Word.

(c) Perform the following tasks using MS-Word
document :

- Write at least two paragraphs about any
event, like election.
- Insert a table with at least 2 columns
giving any chronological details about your
involvement in such events.

- Change the current page set up, such that all margins are of 1.5 inches and gutter is on 2.0 inches from left.
- Demonstrate the word count utility to describe the statistics of the document created by you.
- Protect the document from any modification.

(d) Perform the following tasks on a Word document :

- Write two paragraphs about your department using MS-Word features.
- Format the document having 2 columns.
- Create a text box and enter the following formula :

$$x_1^3 + \frac{5}{y_1}$$

- Write your name using Word Art feature of MS-Word in red color.
- Demonstrate Auto correct feature.

GROUP – C

(Power Point)

3. Answer *one* question on lottery basis : 8
- (a) Create 5 slides using MS Power Point about abstract algebra. You must use different type for each slide.
 - (b) Create five slides using MS Power Point discussing the main points of loop structure in C-Programming.
 - (c) Create five slides using MS Power Point about the current situation of our society.
 - (d) Create five slides using MS Power Point about your duties to your society.

[Viva-voce + Note Book : 5 Marks]
