

M.Sc. 1st Semester Examination, 2013

**APPLIED MATHEMATICS WITH OCEANOLOGY
AND COMPUTER PROGRAMMING**

(Practical)

PAPER—MTM-107

Full Marks : 25

Time : 2 hours

The figures in the right-hand margin indicate marks

GROUP – A

(Windows)

1. Answer *two* questions on lottery basis : 2 × 2
- (i) Find the file whose name is “test.doc” and may be on the D drive.
 - (ii) Scan the D drive for errors.
 - (iii) Recover the file which was just deleted by you.
 - (iv) Set a screen saver.

(Turn Over)

(v) Goto DOS prompt and again come back to the Windows screen.

(vi) Change the font size of all items shown on the desktop.

(vii) Change the mouse pointer.

(viii) Check your disk.

(ix) Change the mouse double click speed.

(x) Create a folder on desktop and make it shareable.

(xi) Find free space in the hard disk.

(xii) Demonstrate defragmentation.

(xiii) Add a program to start menu.

(xiv) Show how to retrieve the file from dustbin.

(xv) Find free space available in C drive.

(xvi) Show how to create shortcut to files, folders and program.

(xvii) Viewing folders and Files in different ways; demonstrate.

- (xviii) Show how to create, rename and delete folders and files.
- (xix) Show how to move and copy folders and files.
- (xx) Show how to change desktop background.

GROUP – B

(MS-WORD)

2. Answer *one* question on lottery basis :

8

- (a) Assume you are creating invitation for your remarkable person's birthday. You need to send out invitations to your relatives with date of celebration, venue, their name on invitation. Create a single invitation and use mail merge to customize it with relative name on it.
- (b) 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.

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

- (i) Enter a paragraph about importance of Mathematics in Computer Science. Also enter the formula.
 - (ii) Change the space before and after a paragraph to 6 pt for the entire document.
 - (iii) Insert the header and footer containing the page number.
 - (iv) Demonstrate the use of Auto-text feature of MS-Word for entering text "University System".
- (d) Design a Banner for upcoming seminar in your department. The Banner will be colourful with artistic view paste different logos and image to decorate the Banner. Also, insert a background

picture within it. In addition with, prepare a batch for participant which contain relevent information with respect to that seminar.

(e) Create *one* document and format as mention below :

(i) Page setup A4

(ii) Page number insert

(iii) Header-footer containing date

(iv) Font size 12

(v) First one line Bold

(vi) Second line underline

(vii) Protect the document from any modification.

GROUP – C

(Power Point)

3. Answer *one* question on lottery basis :

8

(a) Create 5 slides using MS power point about Geometry. All slides should have different layout and slide transition.

- (b) Make a presentation for a remarkable person in Mathematics which includes introduction, family background, his/her works, his/her inspiration and a picture.
- (c) Create five slides using MS power point about your duties to your society.
- (d) Create five slides about the activities of students in the development of education to our society. Mention your activity regarding this.
- (e) Create a power point presentation for teach students about computer programming.

Viva Voce + Note Book

5