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MFN-010

**MASTER OF SCIENCE
(FOOD AND NUTRITION)**

[M. SC. (DFSM)]

Term-End Examination

December, 2022

**MFN-010 : UNDERSTANDING COMPUTER
APPLICATIONS**

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

Maximum Marks : 75

Note : (i) *Question number 1 is compulsory and carries 15 marks.*

(ii) *Attempt any **three** questions from the remaining Question No. 2 to 6.*

1. Differentiate between the following sets of terms used in computer applications : $2\frac{1}{2}\times 6=15$

(i) LAN and WAN

(ii) Hardware and Software

P. T. O.

- (iii) Input and Output
 - (iv) Data and Information
 - (v) Excel and PowerPoint
 - (vi) Main Memory and Auxiliary Memory
2. What is a Computer ? Briefly describe its various parts and basic functioning of a computer. 5+10+5
3. (a) Recently you have bought a new computer. You would like to change the date and time, wallpaper, background colour and lock screen of your system. Give the steps you would follow for each process. 10
- (b) You are required to prepare a proposal for your research work. You have a 2 page document typed on MS-Word. You have been asked to perform the following formatting and publishing features for your document. Give the steps you would follow for completing the task : 5×2=10
- (i) Indenting text
 - (ii) Change page margin and orientation
 - (iii) Introduce bulleted and numbered lists
 - (iv) Add AutoCorrect feature
 - (v) Find and replace text

4. (a) Having completed the data collection as part of your research you are required to put the data on the computer for analysis. List the programme you will use for this. 2
- (b) Write the steps to (i) arrange knowledge scores of subjects in ascending order and calculate the mean knowledge score for both male and female subjects separately using the software mentioned at (a). 4+4
- (c) Next present the findings of the knowledge score using a presentation software. Name the software you would use. 2
- (d) Create a presentation using a template and insert picture, table and chart depicting your data. 8
5. (a) With the help of a suitable diagram, explain the upper body and lower body risk factors while using computers. 14
- (b) How do computer viruses pose a risk to data ? List a few viruses that pose a risk and what steps you may adopt to prevent virus problem. 6

6. Write short notes on any *four* of the following :

5+5+5+5

- (a) Mail merge features of MS-Word
- (b) Services provided by Internet
- (c) Graphical user interface and its importance
- (d) Uses of Macros in computer applications
- (e) Defragment and optimize drive