

MAHARASHTRA ANIMAL AND FISHERY SCIENCES UNIVERSITY, NAGPUR
SEMESTER END THEORY EXAMINATION, B.Tech. (D.T.) Degree Course 2016-17

Semester	: I (V Dean)	Academic Year	: 2016-2017
Course No.	: DBM-103	Course Title	: Computer and Application Software Packages
Credits	: 1+1=2	Total Marks	: 50
Day & Date	: Thursday, 12/01/2017	Time	: 11.00 to 13.00 Hrs.

- Note :**
- 1) All questions carry equal marks.
 - 2) Section "A" is Compulsory.
 - 3) Solve any three questions from Section "B"
 - 4) The use of scientific tables, charts and calculator is allowed in case of engineering courses.

SECTION - 'A'

Q. 1 A) Choose the most appropriate answer from the options given below. (05)

- i) The first Macintosh computer was from
 - a) First generation
 - b) Second generation
 - c) Third generation
 - d) Forth generation
- ii) Which of the following is internal memory
 - a) Hard Disk
 - b) Pen Drive
 - c) RAM
 - d) CD's
- iii) One MB is equal to
 - a) 1 billion bytes
 - b) 1024 kb
 - c) 1 thousand bytes
 - d) The amount of RAM in every computer
- iv) Which of the following is not purely output device?
 - a) Screen
 - b) Scanner
 - c) Printer
 - d) Plotter
- v) A collection of related instructions organized for a common purpose is referred to as
 - a) File
 - b) Program
 - c) Database
 - d) None of these

B) Define the following: (05)

- i) Network
- ii) Link
- iii) Node
- iv) Gateway
- v) Multiple Access

(P.T.O.)

- Q. 2 A) Elaborate the following: (05)
- i) RAM
 - ii) FTP
 - iii) GPRS
 - iv) IP
 - v) PROM
- B) Answer the following in one sentence (05)
- i) What is Internet?
 - ii) How compiler works?
 - iii) What is data transfer rate?
 - iv) What is application software?
 - v) What is GUI?

SECTION –‘B’

- Q. 3 a) How Firewall is works in Networking? (05)
- b) What is Open Source Software? How IP is travelled in the network. (05)
- Q. 4 a) Explain the use of MS Excel functions with its syntax. (05)
1. = ADD 2. =SUM 3. =SUMIF 4. =SQRT 5. =PRODUCT
- b) Explain the use of following networking components. (05)
- i) Repeater
 - ii) Network Interface Card (NIC)
- Q. 5 a) What is Intranet? How Modem is work in the network. (03)
- b) What is the use of Firewall with example? (03)
- c) What is the simulation process? How it is utilized for dairy technology. (04)
- Q. 6 a) Enlist types of Computer programming Languages. (03)
- b) Explain the Number system in details with their type. (03)
- c) Differentiate between PDF and Word File. (04)
- Q. 7 Explain in details use of ICT in Dairy Industry. (10)
