

MAHARASHTRA ANIMAL AND FISHERY SCIENCES UNIVERSITY, NAGPUR
SEMESTER END THEORY EXAMINATION, B.TECH. (DT) DEGREE COURSE 2018-19

Semester	: I (V Dean)	Academic Year	: 2018-2019
Course No.	: DBM-103	Course Title	: Computer and Application Software Packages
Credits	: 1+1=2	Total Marks	: 50
Day & Date	: Saturday, 05/01/2019	Time	: 11.00 to 13.00 Hrs.

- Note :
- 1) Section "A" is Compulsory.
 - 2) Solve **Any Three** questions from Section "B"
 - 3) 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) Which is not a computer classification
 - a) Mainframe
 - b) Maxframe
 - c) Notebook
 - d) Mini
- ii) Which operation not performed by the computer
 - a) Inputting
 - b) Controlling
 - c) Processing
 - d) Understanding
- 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) Floppy disks which are made from flexible plastic material are also called
 - a) Hard Disk
 - b) Diskettes
 - c) High density disks
 - d) Templates
- v) A collection of related instructions organized for a common purpose is referred to as
 - a) File
 - b) Program
 - c) Database
 - d) None of above

B) Define the following: (05)

- i) Peripheral device
- ii) Link
- iii) Node
- iv) Router
- v) System Software

Q. 2 A) Elaborate the following: (05)

- i) HTTP
- ii) SCADA
- iii) WWW
- iv) GUI
- v) ROM

(P.T.O.)

- 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 Protocol?

SECTION –‘B’

- Q. 3 A) Define Computer Networking and explain in details Network Topology. (05)
B) What is Open Source Software? Explain in details of Open Source Operating systems. (05)
- Q. 4 A) Differentiate between Desktop publishing and Word processing. (05)
B) What is MIS? Explain in details about System Development life cycle with example. (05)
- Q. 5 A) What is the use of Firewall? Explain in details Antivirus. (03)
B) What are the characteristics of DBMS? (03)
C) Write a short note on Computer Hardware. (04)
- Q. 6 A) What is Internet? Why IP is used in networking? (03)
B) How simulation is used in Dairy Technology? (03)
C) Differentiate between DOS and Windows Operating System. (04)
- Q. 7 Enlist types of Computer programming Languages? Explain Flowchart and Algorithm. (10)
