

MAHARASHTRA ANIMAL AND FISHERY SCIENCES UNIVERSITY, NAGPUR
SEMESTER END THEORY EXAMINATION, B.Tech. (D.T.)

Semester	: I (V Dean)	Academic Year	: 2023-2024
Course No.	: DBM-103	Course Title	: Computer Application & Software Packages
Credits	: 1+1=2	Total Marks	: 50
Day & Date	: Monday; 04/03/2024	Time	: 2 Hrs.

- Note :**
- 1) All questions from **Section 'A'** are compulsory.
 - 2) Solve **Any Three** questions from **Section 'B'**.
 - 3) Draw neat and well labeled diagram wherever necessary.

SECTION –‘A’

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

- i) UNIVAC is
 - a) Universal Automatic Computer
 - b) Universal Array Computer
 - c) Unique Automatic Computer
 - d) Unvalued Automatic Compute
- ii) Microprocessors as switching devices for generation of computer.
 - a) First Generation
 - b) Second Generation
 - c) Third Generation
 - d) Fourth Generation
- iii) What does EBCDIC stand for?
 - a) Extended Binary Coded Decimal Interchange Code
 - b) Extended Bit Code Decimal Interchange Code
 - c) Extended Bit Case Decimal Interchange Code
 - d) Extended Binary Case Decimal Interchange Code
- iv) CD-ROM is
 - a) Semiconductor memory
 - b) Memory register
 - c) Magnetic memory
 - d) None of these
- v) RAM is used as a short memory because it is
 - a) Volatile
 - b) Has small capacity
 - c) very expensive
 - d) programmable

B) Answer the following. (05)

- i) What is ROM?
- ii) Define internet protocol.
- iii) Write the key combination to save a file.
- iv) What is a web browser?
- v) What is a cell in MS-Excel?

Q. 2 A) Define the following (05)

- i) Booting Process
- ii) Computer program
- iii) Network topology
- iv) Compilation process
- v) Internet browser

(P.T.O.)

- B) True or False, Rewrite the false sentence after making necessary correction.
- i) The computer memory are basically divided in two type i.e. RAM and ROM.
 - ii) Control unit interprets program instructions and initiate control operations.
 - iii) An optical input device that interprets pencil marks on paper media is MICR.
 - iv) Binary code is represented by base of eight.
 - v) 1(one) byte is equal to 8 bits.

SECTION –‘B’

- Q. 3 A) Differentiate between hardware and software (05)
B) What is Memory? Explain types of Memory in brief (05)
- Q.4 A) Define data and information, explain the work DBMS. (05)
B) What is MODEM? How does it work? (05)
- Q. 5 A) Discuss the machine language of computer. (03)
B) What is word processing software? Explain the use of MS-Word. (03)
C) Explain the concept of LAN, MAN and WAN of computer network. (04)
- Q.6 A) Explain the ASCII code. (03)
B) What is spreadsheet software? Explain the use of MS-Excel. (03)
C) Draw and explain the block diagram of computer. (04)
- Q. 7 Explain number system with their type in detail. (10)
