

MAHARASHTRA ANIMAL AND FISHERY SCIENCES UNIVERSITY, NAGPUR
SEMESTER END THEORY EXAMINATION, B.TECH. (D.T.) DEGREE COURSE 2017-18

Semester : I (V Dean)

Course No. : DBM-103

Academic Year : 2017-2018

Course Title : Computer and
Application Software
Packages

Credits : 1+1=2

Day & Date : Thursday, 04.01.2018

Total Marks : 50

Time : 11.00 to 13.00 Hrs.

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

SECTION – 'A'

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

- i) California and Param are the example of
 - a) Mainframe Computer
 - b) Personal Computer
 - c) Super Computer
 - d) None of these
- ii) Vacuum tubes are used as a CPU component in generation
 - a) 1st Generation
 - b) 2nd Generation
 - c) 3rd Generation
 - d) All of these
- iii) Software in computer
 - a) Enhances the capabilities of the hardware machine
 - b) Increase the speed of central processing unit
 - c) Both a) and b)
 - d) None of these
- iv) Computer processor understands only language.
 - a) English
 - b) Hindi
 - c) Binary coded machine language
 - d) All of these
- v) 1 (one) Giga Byte is the collection of
 - a) 1024 Byte
 - b) 1024MB
 - c) 1024 KB
 - d) None of these

B) Elaborate the following. (05)

- i) DBMS
- ii) ASCII
- iii) EPROM
- iv) TCP/IP
- v) EBCDIC

Q. 2 A) Give the answer in one sentence for the following. (05)

- i) What is Internet?
- ii) Describe execution of program.
- iii) What is booting of system?
- iv) Define Operating System.
- v) What is instruction?

(P.T.O.)

- B) State whether True or False. If false, rewrite the statement after making (05) necessary corrections.
- i) Microprocessor used as a CPU component in Third generation of computer.
 - ii) CPU is called as a brain of computer system.
 - iii) Program designed to perform specific tasks is known as software.
 - iv) Magnetic disk is a primary storage device.
 - v) The difference between memory and storage is that, memory is temporary and storage is permanent

SECTION - 'B'

- Q. 3 a) Define Computer Networking? Explain the type of network in detail. (05)
b) What is compilation process? Explain the classification of memory in detail. (05)
- Q. 4 a) Write and explain the Generation and Classification of computer in detail. (05)
b) Describe the characteristic of computer. Explain the peripheral devices of computer in detail. (05)
- Q. 5 a) How works Artificial Intelligence. (03)
b) What are Cell, Spreadsheet and Workbook? (03)
c) Convert binary number 11011101 to Decimal and Hexa decimal number. (04)
- Q. 6 a) Define Data Communication. Explain work of MODEM in detail. ²²¹DD (03)
b) Define Software. Write the types of Software in detail with examples. (03)
c) What is DBMS? Explain the characteristics of DBMS. (04)
- Q. 7 Explain the number system in detail. Differentiate BCD and ASCII code in detail. (10)
