

MAHARASHTRA ANIMAL AND FISHERY SCIENCES UNIVERSITY, NAGPUR
SEMEISTER END THEORY EXAMINATION, B. Tech. Dairy Technology 2019-20

Semester	: I (V Dean)	Academic Year	: 2019-2020
Course No.	: DBM-103	Course Title	: Computer and Application Software packages
Credits	: 1+1=2	Total Marks	: 50
Day & Date	: Tuesday, 14.01.2020	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 form the option given below. (05)

- i) A computer cannot 'boot' if it does not have the
 - a) Loader
 - b) Assembler
 - c) Compiler
 - d) Operating System
- ii) A dumb terminal has
 - a) An embedded microprocessor
 - b) A keyboard and screen
 - c) Independent processing capability
 - D extensive memory
- iii) The first computers were programmed using
 - a) Assembly language
 - b) Object code
 - c) Source code
 - d) Machine language
- iv) Backspace key on keyboard is used to erase the character to the
 - a) Left side of cursor
 - b) Below the cursor
 - c) Right side of cursor
 - d) Above the cursor
- v) is a combination of hardware and software that facilitates the sharing of information between computing devices.
 - a) Digital device
 - b) Peripheral
 - c) Network
 - d) Expansion board

B) Answer in one line (05)

- i) Database Management System (DBMS).
- ii) Internet
- iii) Icon
- iv) Operating System
- v) Compiler

Q.2 A) Give reasons for the following. (05)

- i) Windows OS is called GUI OS.
- ii) Why the first generation computers were not commercialized and not popular among users?
- iii) Why microprocessor is called as heart of computer?
- iv) Why RAM is called volatile memory?
- v) Protocol is important in computer network.

- B) State whether True or False. If false, rewrite the statement after making necessary corrections. (05)
- i) EPROM stands for Erasable Programmable Random Only Memory.
 - ii) One Picosecond (PS) is equivalent to 10^{-9} s.
 - iii) In Modem, digital signal is converted to analog signal, the process called as demodulation.
 - iv) Four bits make up a byte.
 - v) In MS-Excel, formula always begins with @ sign.

SECTION – 'B'

- Q.3 Differentiate the following.
- A) RAM and ROM. (05)
 - B) ASCII and EBCDIC (05)
- Q.4
- A) What is computer? Write characteristics of computer. (05)
 - B) What is computer network? Write benefits of computer network. (05)
- Q.5
- A) Describe Field, Record and Data in MS- Excel. (03)
 - B) Enlist the input and output device. (03)
 - C) Explain MS word features. (04)
- Q.6
- A) What is chart? Explain different types of charts available in excel. (03)
 - B) Define software and explain their types. (03)
 - C) Write the Generations of computer. (04)
- Q.7 Write and explain the number system with their types. Convert the following decimal to binary number. (10)
- a) 15 b) 21 c) 32 d) 52 e) 122
