

Note: There are three sections in this paper i.e. Section A, B & C.

VERSION : A

Time Allowed: 20 Minutes

"Section-A"

Marks: 15

INSTRUCTIONS:

- Attempt this section on the MCQs Answer Sheet only.
- Use black ball point or marker for shading only one circle for correct option of a question.
- No mark will be awarded for cutting, erasing, over writing and multiple circles shading.

Q. 1:- Choose the correct option i.e. A,B,C, or D.

1. ....is a program that controls a particular type of device attached to computer.  
 (A) Device driver (B) MS word (C) Language processor (D) None of these
2. ....translates a high level language program line-by-line.  
 (A) Compiler (B) Assembler (C) Interpreter (D) Processor
3. ....memory holds data and programs not currently in use and provides long term storage.  
 (A) Primary (B) Secondary (C) Internal (D) Register
4. .... is called internal processor memory.  
 (A) USB (B) RAM (C) ROM (D) Cache
5. ....coordinates and controls the computer system.  
 (A) Bus (B) Register (C) Output unit (D) Control unit
6. ....performs logical operations in CPU.  
 (A) Control unit (B) ALU (C) Register (D) ROM
7. ....converts Alternate Current to Direct Current to operate processor etc.  
 (A) Motherboard (B) Register (C) Power supply (D) Output unit
8. .... is firmware built into the computer system.  
 (A) Slot (B) RAM (C) Port (D) BIOS
9. .... work by using the shared public infrastructure by maintaining security and privacy.  
 (A) VPN (B) WAN (C) MAN (D) LAN
10. In .....there are no dedicated servers or hierarchy among the computers.  
 (A) MAN (B) WAN (C) Client server (D) Peer-to-Peer
11. .... is at the distance of 22,000 miles from the surface of earth.  
 (A) Geostationary earth orbit (B) Low earth orbit (C) Medium earth orbit (D) High earth orbit
12. .... is a CISC processor.  
 (A) Intel 488 (B) Some mobiles (C) Sun SPARC (D) None of these
13. .... is used to show data in organized manner in MS Access.  
 (A) Table (B) Form (C) Report (D) Query
14. A row in a table is also called .....  
 (A) Column (B) Relation (C) Field (D) Tuple
15. .... is logical data type used in MS Access.  
 (A) Text (B) Memo (C) Auto number (D) Yes/No

**"Section-B"**

Marks: 36

**Q. 2:- Write short answers of any NINE (9) of the following parts. Each part carries equal marks.**

- (i) What is firmware?
- (ii) How printer is different from plotter?
- (iii) Give few characteristics of secondary memory.
- (iv) Differentiate between Cache and Register.
- (v) Define system bus.
- (vi) Write a note on memory buffer register (MBR).
- (vii) Differentiate between SIMM and DIMM.
- (viii) Differentiate between Synchronous and Asynchronous transmission modes.
- (ix) Briefly describe IP addressing.
- (x) What is wireless application protocol?
- (xi) Write the advantages of wireless networks.
- (xii) Write a note on SQL.

**"Section-C"**

Marks: 24

**Note:- Answer any THREE (3) questions. Each question carries equal marks.**

- Q. 3:- What is software? Explain its two types with examples.
- Q. 4:- Write note on flash memory and memory cards along with its advantages and disadvantages.
- Q. 5:- What is TCP/IP? Write its dissimilarities with OSI reference model.
- Q. 6:- Explain different data types used in MS Access.