[A-14(A)]

SARDAR PATEL UNIVERSITY V.V.NAGAR

B.Sc. Sem-4TH 2022-EXAMINATION (OLD COURSE)

SUB. CODE:-US04EELE01

SUB: Fundamentals of Computer Hardware

DATE:-29/09/2022   TIME:-12:30 PM to 2:30 PM   MARKS-70

[10]

Q-1 Choose correct answer

1. Interpreter has _____ correspondence.
   (A) One –to-One
   (B) One to many
   (C) Many to One
   (D) None of these.

2. A _____ program is converted in to machine language by assembler.
   (A) Object.
   (B) Source
   (C) complier
   (D) None of this.

3. Modem speed is measured in _____
   (A) Kbps
   (B) Gram/sec
   (C) Kg/SEC
   (D) None of these.

4. DOS is a _____ Bit Operating system.
   (A) 8
   (B) 10
   (C) 32
   (D) None of these.

5. Programs made available in a ROM on the hardware is called_____.
   (A) Firmware
   (B) hard-ware,
   (C) Net ware
   (D) None of these.

6. If a server stores data files for users to access it is commonly called_____.
   (A) File server.
   (B) Data server
   (C) Application server.
   (D) None of these.

7. In star network all devices are connected to_____.
   (A) Hubs
   (B) Ethernet
   (C) Router
   (D) None of these.

8. DSL is a abbreviation of _____
   (A) digital subscriber line
   (B) Digital service line
   (C) Digital server line
   (D) None of these..

9. Modems speed is measured in _____
   (A)Kbps
   (B) Gbps
   (C) Mbps
   (D) None of these.

10. ATM is network _____for LAN & WANS.
    (A) system
    (B) data
    (C) protocol
    (D) None of these.

Q-2 Do as Directed

A Filling the Blanks with appropriate answer (Attempt all)   (04)

1. Compiler has _____ correspondence

2. _____is one of the benefits of using network.

3. GUI is an abbreviation of _____.

4. In star network all devices are connected to_____.

B State whether following statements are true or false   (04)

1. Real time operating system is very fast.

2. MS-DOS is a example of single user /single tasking operating system.

3. DOS system came to use in 1980 in IBM personal computer.

4. Most widely Microsofts windows operating system is used in to day,s PC.

Q-3   Short answer type question. (any ten)
1.   List various types of hybrid network.
2.   List two characteristic oh high level language
3.   Draw the block diagram showing relationship between hardware, software and user.
4.   Explain Today and yesterday's operating system..
5   List two different parts of instruction prepared in machine language.
6.   List features of Windows XP that has been upgraded.
7.   List different types of embedded operating system.
8.   What is NQS, State its one application.
9.   What is network?
10.   Explain MANS' IN BRIEF.
11.   What is internet?
12.   Explain in brief Application software.

Q.4.   Answer the following (Attempt any four).   [32].

.1   Write a Note on Machine language.

.2   Write a Note on Interpreter.

.3   Write a note on DOS.

.4   What is operating system? State its function; also explain in brief different types of operating system.

.5   List different use of network and explain any two in detail

.6   List different types of Network Topologies. Explain any two with suitable diagrams.

7   Explain Dial up connection for internet & cable modem services

.8   Explain Modems in detail.

—————, X —————