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SARDAR PATEL UNIVERSITY

B.Sc. Sem.- 4th (CBCS) Examination

16th April -2016

Fundamentals of computer hardware

Course code -USO4EELE01

Time: 10:30 Am to 12:30 Pm

TOTAL MARKS: 70

Q.1 Choose the correct answer.

[10]

- (1) Programs made available in the ROM on the hardware are known as _____.
- (A) System software (C) Firmware
(B) Assembler (D) None of above
- (2) A _____ Program is converted in to machine language by assembler.
- (A) Object (C) Source
(B) Compiler (D) None of above
- (3) Assembler is _____ correspondence.
- (A) One -to-One (C) One-to- Many
(B) Many-to-One (D) None of above
- (4) Microsoft introduced active desktop feature with _____ O.S.
- (A) Windows 98 (B) Windows 95
(B) M.S.DOS. (D) None of above
- (5) _____ is an operating system present in smart phones from Nokia & Sony Erickson.
- (A) Windows CE NET (C) Palm O.S
(B) Symbian (D) None of above
- (6) In a star network all devices are connected to _____.
- (A) Hubs (C) Internet
(B) Ethernet (D) None of above
- (7) A _____ is two or more LANS connected to gether across a large geographical area.
- (A) WAN (C) CAN
(B) SAN (D) None of above
- (8) DSL is abbreviation of _____.
- (A) Digital service line (C) Digital satellite line
(B) Digital subscriber line (D) None of above
- (9) Modem speed is measured in _____.
- (A) Kbps (C) Mbps
(B) Gbps (D) None of above
- (10) A _____ is an agreed format for transmitting data between two devices.
- (A) Portocol (C) Portology
(B) Protoplasm (D) None of above

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(P.T.O.)

Q.2 Answer the following in short.(Attempt Ten)

[20]

- (1) How many types of software are their, define each.
- (2) What is Compiler? How it differs from Interpreter.
- (3) What are the limitations of High level language?
- (4) List different types of operating system and explain any one in brief.
- (5) Explain TO days and Yesterdays O.S.
- (6) Explain windows NT Workstation.
- (7) Explain LAN in brief.
- (8) Explain Intranet and Extranet.
- (9) Explain the difference between WAN and LAN.
- (10) Explain ISDN services.
- (11) Explain ATM.
- (12) What is internet.

Q.3 Write a note on machine language.

[10]

OR

Q.3 Write a note on assembly language.

[10]

Q.4 Write note on DOS.

[10]

OR

Q.4 Explain windows 9X.

[10]

Q.5 List different use of network ,Explain any two.

[10]

OR

Q. 5 List different types of network topologies ,Explain any two with suitable diagrams

[10]

Q. 6 Discuss in detail wireless network.

[10]

OR

Q. 6 Discuss in detail the MODEM.

[10]

