SARDAR PATEL UNIVERSITY

B. Sc. (IV Sem.) Examination (2010 Batch)

Friday ,12 April 2019

10:00 am - 12:00 pm

US04EELE01 - Fundamentals of Computer Hardware

Total Marks: 70

Note :Figures to the right indicate marks.

Q.1 Choose the correct answer   (10)

(1) Programs made available in ROM on the hardware are known as _____.
(a) Complier.   (c) Assembler
(b) System Software   (d) None of the above

(2) Microsoft introduce active desktop feature with the_____. O.S.
(a) Windows 98   (c) Windows 95
(b) M.S.DOS   (d) None of the above

(3) _____. is one of the benefits of using network..
(a) Peripheral Sharing   (c) Protection from virus
(b) File Security   (d) None of the above

(4) Assembler is _____correspondence.
(a) Many to Many.   (c) one-to-many
(b) many-to-one   (d) None of the above

(5) FORTRAN is _____. language.
(a) Medium level.   (c) Low Level
(b) Assembly   (d) None of the above

(6) DOS is a _____ bit operating system.
(a) 8   (c) 32
(b) 10   (d) None of the above

(7) If a server stores data files for users to access it is commonly called

_____.
(a) File Server   (c) Application Server
(b) Data Server   (d) None of the above

(8) In a Star Network all devices are connected to_____...
(a) Broughter.   (c) Router
(b) Ethernet   (d) None of the above

(9) DSL is abbreviation of_____.....
(a) Digital Subscriber Line   (c) Digital Server Line
(b) Digital Service Line   (d) None of the above

(10) Modem speed is measured in_____.
(a) Volts.   (c) Ampere.
(b) Ohms.   (d) None of the above

Q.2 Answer any ten questions in brief. (20)

(1) Define Application software.
(2) Explain today and yesterday O.S.
(3) List different use of Network.
(4) Define system Software.
(5) What is firm-ware ?
(6) Explain Windows NT Workstation.
(7) List features of Windows XP that has been upgraded.
(8) Name common types of Network.
(9) What is network?
(10) Explain ATM.
(11) Explain in brief ISDN Services.
(12) List various hybrid networks.

Q.3 Write a note on machine language. (10)
<div align="center">OR</div>
Q.3 Write a note on Compiler. (10)

Q.4 Write a note on DOS. (10)
<div align="center">OR</div>
Q.4 List important features of Windows 9X. (10)

Q.5 Explain in detail LAN. (10)
<div align="center">OR</div>
Q.5 List different types of network topologies, explain any two with suitable diagram. (10)

Q.6 Explain Modem in detail. (10)
<div align="center">OR</div>
Q.6 List different methods for connecting to internet and explain any two in brief. (10)

<div align="center">---- X ----</div>

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