Exam Date & Time: 28-Sep-2020 (10:00 AM - 01:45 PM)

PSG COLLEGE OF ARTS AND SCIENCE

Note: Writing 3hrs: Checking & Inserting Image : 30mins

BSc DEGREE EXAMINATION MAY 2020
(Sixth Semester)

Branch - ELECTRONICS
COMPUTER HARDWARE AND NETWORKING [14ELU25]

Marks: 75   **Duration: 210 mins.**

SECTION A

Answer all the questions.

1)	What are the types of bus standards?	(2)
2)	Expand EISA.	(2)
3)	Define SRAM.	(2)
4)	Mention any two magnetic storage devices.	(2)
5)	List out the mouse signals.	(2)
6)	Define sound blaster.	(2)
7)	Write any two characteristics of network.	(2)
8)	Mention the name of Network topologies that are available.	(2)
9)	What is NIC?	(2)
10)	Define Telnet.	(2)

SECTION B

Answer all the questions.

11)	Explain the Interface cards.	(5)
a)		
[OR] b)	Draw the block diagram of switched mode power supply and explain.	(5)
12)	What are the memory packages available in PC? And explain.	(5)

a)

[OR]   What are the types of CD? And explain it.

b)   (5)

13)   Explain the working principle of laser printer with neat diagram.

(5)

a)

[OR]   Explain the VGA monitor wit neat diagram.

b)   (5)

14)   Discuss about the need for networking.

(5)

a)

[OR]   Write the Network Protocol Services.

b)   (5)

15)   Write short notes on Routers.

(5)

a)

[OR]   Write the HTTP.

b)   (5)

SECTION C

Answer 3 out of 5 questions.

16)   Draw the block diagram of BIOS organization and explain it.

(10)

17)   What are the hard disk components? And explain with neat diagram.

(10)

18)   Explain the working principle of scanner.

(10)

19)   Explain the components of networks.

(10)

20)   Discuss about the usage of TCP/IP.

(10)

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