

Roll No.

(To be filled in by the candidate)

Computer Science H.S.S.C (11th) 1st Annual 2023

Time : 20 Minutes

Paper : I *SWL-11-23*

Objective - (ii)

Marks : 15

Paper Code

6	8	3	3
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Note:- You have four choices for each objective type question as A, B, C and D. The choice which you think is correct; fill that circle in front of that question number in your answer book. Use mark of pen to fill the circles. Filling or filling up two or more circles will result no mark.

CANCELLED

SECTION-A

Q.1	Questions	A	B		
1.	Frequency is measured in:	Seconds	Bps	Hertz	Amps
2.	Most data transmitted over telephone lines use:	Serial transmission	Parallel transmission	Direct transmission	Sequential transmission
3.	Many banks provide the facility of:	CAD	CAM	CBT	ATM
4.	The idea of storing a program in memory was given by:	Dr. Qadir	Dr. Abdul Salam	John Von Newman	Pascal
5.	Memory consists of:	Ports	Cells	Set of wires	Set of circuits
6.	A list of documents waiting to be printed on printer is called:	Print queue	Print list	Print stack	Print line
7.	Which of the given is biometric technique for person identification?	Access cards	Finger print	PIN	Passwords
8.	The external devices connected to a computer system are known as:	Expansion cards	Buses	Slots	Peripherals
9.	The length of IPV4 address is:	8-bit	16-bit	24-bit	32-bit
10.	A workbook is a group of:	Many rows	Worksheets	Cells	Many columns
11.	Clipboard stores:	Entered text	Deleted text	Copied text	Repeated text
12.	Data processing is also known as:	Knowledge	Computing	Procedure	Merging
13.	Testing a program component is called:	Pilot testing	System testing	Isolation testing	Unit testing
14.	De-jure means	By nature	By fact	By law	By luck
15.	OSI model was created by:	ISO	ANSI	IBM	NESPAK

Computer Science**H.S.S.C (11th)1st Annual 2023**

Time : 2:10 Hours

Paper : I

SWL-11-23

Subjective

Marks : 60

Note: Section B is compulsory. Attempt any three Questions from section C.

SECTION-B

2. Write short answers to any Six parts. (6 x 2 = 12)
- i. How would you elaborate package software?
 - ii. How does the drum plotter work?
 - iii. Convert 64 bytes into bits.
 - iv. Which type of system conversion is the safest conversion?
 - v. How computer can be used in offices?
 - vi. What is the use of image processing system?
 - vii. Write down two benefits of computer based training.
 - viii. How is a cell identified in a worksheet in MS-Excel?
 - ix. Write down a function that returns the maximum number from cells A1 to C9, in MS Excel.
3. Write short answers to any Six parts. (6 x 2 = 12)
- i. Write down two advantages of using of computer network.
 - ii. What do you understand by de jure protocols?
 - iii. List down two functions of network layer.
 - iv. How does synchronous transmission differ from asynchronous transmission?
 - v. Why modulation and demodulation is performed by modem?
 - vi. What is the role of sender in data communication system?
 - vii. What are the two addressing schemes used over the internet?
 - viii. Why web servers are used?
 - ix. Define web publishing.
4. Write short answers to any Six parts. (6 x 2 = 12)
- i. What is an instruction set?
 - ii. Define operand code.
 - iii. How the virus is activated?
 - iv. Why is backup important?
 - v. What is pirated software?
 - vi. Describe the advantage of multi-processing.
 - vii. What do you mean by plug and play?
 - viii. Distinguish between cut and copy commands.
 - ix. Write down any two font names.

SECTION - C

Note: - Attempt any Three questions. Each Question Carries Eight (8) Marks. (8 x 3 =24)

5. Discuss primary components of a computer system.
6. Write down any eight differences between LAN and WAN.
7. What is data communication? Discuss different modes of data communication with diagram.
8. What is ROM? Discuss its different types.
9. What is language translator? Discuss different types of language translator.