Computer Science

Paper : I

Roll No. ☐☐☐☐☐☐ (To be filled in by the candidate)

H.S.S.C (11th)-A-2022

Objective – (iv)

Time : 20 Minutes

Marks : 15

SWL-22

Paper Code | 6 | 8 | 3 | 7

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 marker or pen to fill the circles. Cutting or filling up two or more circles will result no mark.

SECTION-A

Q.1	Questions	A	B	C	D
1.	To hold the base location of all executable code, CPU uses:	Code segment register	Extra segment register	Stack segment register	Special segment register
2.	Shortcut key to change the case is:	Shift + F3	Ctrl + F3	Alt + F3	Ctrl + Shift + F3
3.	The program that contains instructions to operate a device is called:	Device operator	Device system	Device driver	Operating system
4.	The length of IP address is:	2 Bytes	4 Bytes	8 Bytes	10 Bytes
5.	Windows Explorer acts as:	Word Editor	Directory Browser	Graphic Designer	Image Viewer
6.	The memory used to increase the performance of computer is:	ROM	RAM	Flash	Cache
7.	The cell range from B7 to B9 will be written as:	B7 - B9	B7 . B9	B7 : B9	B7 ; B9
8.	Another name for antivirus is:	Vaccine	Worm	Trojan horse	DES
9.	The modular testing of a program is also called:	Pilot testing	Unit testing	System testing	Incremental testing
10.	1 MB of memory in bytes is equal to:	2^{10}	2^{20}	2^{30}	2^{40}
11.	Similar networks can be connected by a:	Router	Gateway	Bridge	Network interface card
12.	High fault tolerance is the property of:	BUS Topology Networks	Star Topology Networks	Ring Topology Networks	Mesh Topology Networks
13.	Parallel transmission is used by:	Printer	Joystick	Monitor	Keyboard
14.	EBCDIC is a:	4-bit code	7-bit code	8-bit code	16-bit code
15.	The benefit of computer that provides same result repeatedly is called:	Speed	Precision	Reliability	Consistency

213-322-A-19000 ★★★★

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Computer Science

H.S.S.C (11ᵗʰ)-A-2022

Time : 2:10 Hours

Paper : I **Soul-22**

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 express feasibility study?

   ii. How does the drum plotter work?

   iii. How does pilot conversion work?

   iv. What is the use of OMR?

   v. Define Extranet.

   vi. What do you know about DSL?

   vii. What is the function of network layer?

   viii. What is the use of clipboard in MS Word?

   ix. How the text is made bold in MS Word?

3. Write short answers to any Six parts.   (6 x 2 = 12)

   i. How data is transmitted in synchronous transmission?

   ii. Write a note on Half Duplex mode of data transmission.

   iii. Differentiate between serial and parallel transmission.

   iv. What is the purpose of Cache Memory?

   v. Why does machine language program execute faster?

   vi. List any two components of CPU.

   vii. What do you know about registers in computer?

   viii. How formula used in MS-Excel? Give an example.

   ix. Write any two names of chart used in MS-Excel.

4. Write short answers to any Six parts.   (6 x 2 = 12)

   i. What is ATM?

   ii. How computer can be used in offices?

   iii. Write three types of e-commerce.

   iv. Why is backup important?

   v. Define Software Piracy.

   vi. Why does a computer need an operating system?

   vii. What is print queue?

   viii. What is an email attachment?

   ix. List any four search engines.

SECTION – C
Each Question Carries Eight (8) Marks.

5. What are non-impact printers? Explain laser-jet and ink-jet printer in detail.   (2+3+3)

6. What is email? Write its six benefits.   (2+6)

7. Why encoding of data is necessary in computer? Discuss any three coding schemes. (2+2x3)

8. What is operating system? Discuss any six functions of operating system.   (2+6)

9. How virus is harmful for computer system? Discuss any three causes of virus spread. (2+2x3)