374   Register No.: [   ]

April 2024

Time – Three hours
(Maximum Marks: 100)

[N.B.   1.   Answer any fifteen questions under Part-A. All questions carry equal marks.(15X2=30)

2.   Answer all questions, choosing any two sub-divisions from each question under Part-B. All questions carry equal marks.(5X14=70)(7+7)]

PART- A

1.   What is a computer?

2.   Write the functions of Arithmetic Logic Unit (ALU).

3.   List any four characteristics of computer.

4.   What is meant by processor speed?

5.   What are scanners?

6.   What is a 3D printer?

7.   State the usage of Ethernet cable.

8.   Write the usability of HDMI cable.

9.   What is Random Access Memory (RAM)?

10.   What is Solid State Drive (SSD)?

11.   How many bits make a Byte, a kilobyte and a Megabyte?

12.   What is cache memory?

13.   List any four system softwares.

14.   Define compilers.

15.   List any four application softwares.

16.   What is ERP software?

17.   Define computer ethics.

18.   List any four e-commerce websites.

19.   What are the types of cloud services?

20.   Mention any four social networking platforms.

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PART- B

21. (a) Explain the evolution of computers.

    (b) Explain the basic components of a computer.

    (c) Illustrate the responsibilities of memory unit and I/O unit.

22. (a) Write about mouse and its types.

    (b) State the properties and applications of any four types of computer cables.

    (c) Explain any two computer output devices.

23. (a) Differentiate primary memory and secondary memory.

    (b) Illustrate the memory hierarchy.

    (c) Explain hard disk and optical disks.

24. (a) Illustrate windows operating system.

    (b) Brief the benefits of python programming language.

    (c) Explain graphics software with example.

25. (a) List and explain the various search engines.

    (b) Explain about cloud computing.

    (c) Explain about cyber security.