Computer Science (Objective)   5-40-41-21   **Paper (I)**

Time Allowed:- 20 minutes   **PAPER CODE 2831**   Maximum Marks:- 15

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. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero mark in that question. Write **PAPER CODE, which is printed on this question paper**, on the both sides of the Answer Sheet and fill bubbles accordingly, otherwise the student will be responsible for the situation. Use of Ink Remover or white correcting fluid is not allowed.

Q. 1

1) CPU is an example of

   (A) Software   (B) Language   (C) Hardware   (D) Program

2) Coding is also called

   (A) Evaluating   (B) Programming   (C) Installing   (D) Testing

3) The act of listening to the medium for a message is called

   (A) Contention   (B) Carrier sensing   (C) Transparency   (D) Collisions

4) Route determination can be identified by _____ Layer.

   (A) Presentation   (B) Application   (C) Network   (D) Transport

5) Sound, light and radio waves are examples of _____ signal.

   (A) Analog   (B) Digital   (C) Simple   (D) Strong

6) Which communication medium requires line-of-sight?

   (A) Fiber optic   (B) Coaxial   (C) Twisted pair   (D) Microwave

7) Electronic banking is also known as

   (A) Offline banking   (B) Interactive banking   (C) Cyber banking   (D) Global banking

8) Which of the following has faster speed?

   (A) Hard disk   (B) SRAM   (C) DRAM   (D) Floppy disk

9) Which of the following is not a type of memory?

   (A) DRAM   (B) SRAM   (C) ROM   (D) FROM

10) The right of a person to keep his personal data away from others is called

   (A) Privacy   (B) Private   (C) Secret   (D) Right

11) Windows manages the file and folder by

   (A) Control panel   (B) Windows Accessories   (C) Windows Explorer   (D) Internet Explorer

12) Software can be removed/installed through.

   (A) Installer   (B) Control panel   (C) Debugger   (D) Taskbar

13) The Key that is used to delete a character to the left of cursor is

   (A) Backspace   (B) Del   (C) Home   (D) End

14) Which of the following is a correct formula?

   (A) + A1 and A4   (B) = A1 & A4   (C) + D1 . D4   (D) = D1 +D4

15) A domain name is the text version of

   (A) Hyperlink   (B) IP address   (C) Hypertext   (D) HTML

Section ---------------- I

2.   Answer briefly any Six parts from the followings:-   540-21   6 × 2 = 12

(i) Define feasibility study.   (ii) Convert 240 MB of memory in bytes and kilo-bytes?

(iii) What is the use of output devices?   (iv) What is packaged software?

(v) What is workgroup computing?   (vi) What is Intranet?

(vii) What is the purpose of application layer?   (viii) What is the disadvantage of microwave system?

(ix) What is digital signal?

3.   Answer briefly any Six parts from the followings:-   6 × 2 = 12

(i) Define Electronic Banking.   (ii) What is Simulation?

(iii) How message handling systems are different from Document management system?

(iv) What is control unit of CPU?   (v) Why Ram is used in computer?

(vi) Describe DMA with respect to I/O unit.   (vii) What is stack pointer register?

(viii) Define Redlof virus.   (ix) How computer authorizes a person by "What you know" approach?

4.   Answer briefly any Six parts from the followings:-   6 × 2 = 12

(i) Write two purposes of an operating system.   (ii) Give three examples of GUI operating systems.

(iii) What is advantage of multiprocessing?   (iv) What is the use of word processor?

(v) Define page margins and page size in word-processor.   (vi) What is WYSIWYG?

(vii) What is spreadsheet program?   (viii) What is the use of formula in MS-Excel?

(ix) Define cell.

Section ------------ II

Note: Attempt any three questions.   (8 × 3 = 24)

5.   Define Network Topology. Explain the working of Bus topology along with diagram.

6.   Explain different data types used in computer. (Any Four)

7.   Define bus interconnection. Explain three categories of system bus.

8.   What is data security? Explain any six safegaurds against security voilations.

9.   Explain E-mail and Newsgroups?