SGD-11-23

1123   Warning:- Please write your Roll No. in the space provided and sign. Roll No-----------------
(Inter Part – I)   (Session 2019-21 to 2022-24)   Sig. of Student --------------
Computer Science (Objective)   Paper (I)
Time Allowed:- 20 minutes   **PAPER CODE 2833**   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) A computer network in which all Computers have equal status and no one have control over others
   (A) Client server   (B) Peer to Peer   (C) Client to Client   (D) Dedicated

2) Multiple choice examination answer sheet can be evaluated automatically using:
   (A) OMR   (B) OCR   (C) MICR   (D) Magnetic Strip

3) Which of the following is an output device.
   (A) Keyboard   (B) Mouse   (C) Microphone   (D) Speaker

4) In which Topolgy "Token passing scheme" is used?
   (A) Bus Topology   (B) Star Topology   (C) Ring Topology   (D) Mesh Topology

5) Which of the following device uses parallel transmission.
   (A) Mouse   (B) Keyboard   (C) Printer   (D) Light Pen

6) Web pages are connected to one another using:
   (A) Interlink   (B) Hyperlinks   (C) HTTP   (D) Multimedia

7) How many characters ASCII 7-Bit code represents?
   (A) 128   (B) 256   (C) 512   (D) 1024

8) Electronic banking is also known as.
   (A) Interactive banking   (B) Global banking   (C) Off-line banking   (D) Cyber banking

9) Which of the following memory needs to be refreshed?
   (A) SRAM   (B) ROM   (C) DRAM   (D) PROM

10) Which component of the computer that executes the instruction is called.
   (A) CPU   (B) Hard Disk   (C) System Unit   (D) RAM

11) Which one is the fastest memory.
   (A) ROM   (B) RAM   (C) Hard Disk   (D) Registers

12) A Virus that replicates itself is called a
   (A) Bomb   (B) Worm   (C) Bug   (D) Vaccine

13) A small image that represents a program, folder or file is called.
   (A) Icons   (B) Windows   (C) Dialog Box   (D) Menu

14) When starting Ms-Word the name of the default document is:
   (A) Word 1   (B) Word Document   (C) Document 1   (D) File 1

15) Which capability of spread sheet can be used to show data graphically?
   (A) Formatting   (B) Functions   (C) Formula   (D) Charts

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uter Part - I) Warning:- Please, do not write anything on this question paper except your Roll No.

juter Science (Subjective)   (Session 2019-21 to 2022-24)   Paper (I)

Time Allowed: 2.10 hours   Section ---------------- I   Maximum Marks: 60

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

(i) Describe system software.
(ii) How does the drum plotter work?
(iii) Convert 64 bytes into bits.
(iv) Define feasibility study.
(v) Elaborate the use of computer in weather forecasting.
(vi) Differentiate between CAD and CAM.
(vii) What is video conferencing?
(viii) List two benefits of spreadsheet.
(ix) Write the formula to add the values in cell A1 and C3.

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

(i) How does TCP/IP transmit data?
(ii) What happens when a collision occurs in a network?
(iii) What is the purpose of presentation layer?
(iv) What is digital signal? Give an example.
(v) How is data transmitted in synchronous transmission?
(vi) What is baseband?
(vii) Compare web-browsing and web-browser.
(viii) How can you access a web page?
(ix) What do you mean by uploading and downloading?

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

(i) Why are I/O instructions used?
(ii) What is an interrupt? How is it generated?
(iii) How can antivirus protect a computer from virus?
(iv) Define data security.
(v) How does boot sector virus damages a computer?
(vi) Define event in windows operating system.
(vii) What is print queue in windows?
(viii) How does insert mode differ from overtype mode?
(ix) What is font in Ms Word?

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

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

5. What is display screen? Discuss different features of display screen.
6. What is Bus topology? Explain its working with diagram. Discuss its advantages and disadvantages.
7. Define Guided Media. Explain Twisted Pair Cable and Fiber Optic Cable in detail.
8. Explain different components of computer architecture?
9. What is CPU register? Discuss different types of general purpose registers.

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