

Roll No _____ (To be filled in by the candidate) (Academic Sessions 2020 – 2022 to 2023 – 2025)
COMPUTER SCIENCE 224-1st Annual-(INTER PART – I) Time Allowed : 20 Minutes
 Q.PAPER – I (Objective Type) GROUP – I Maximum Marks : 15

PAPER CODE = 6831 LHR-1-24

Note : Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

1-1	Which type of printer operates most like a photocopy machine : (A) LASER printer (B) Line printer (C) Ink-jet printer (D) Dot-matrix printer
2	The smallest unit of information in the computer is : (A) Character (B) Word (C) Bit (D) Byte
3	The most commonly used LAN protocol is : (A) Ethernet (B) Token Ring (C) ARCnet (D) TCP / IP
4	In OSI model, encryption and decryption are functions of which layer : (A) Application (B) Presentation (C) Transport (D) Session
5	The process of transferring data electronically from one place to another is called : (A) Data communication (B) Data processing (C) Data sequencing (D) Data sender
6	Sound, light and radio waves are examples of which signal : (A) Digital (B) Analog (C) Unique (D) Simple
7	CBT software is used in : (A) Education (B) Forecasting (C) Manufacturing (D) Farming

1-8	Which component of CPU interacts with primary memory : (A) Register (B) ALU (C) Control unit (D) Bus
9	Which register has special role in division and multiplication : (A) AX (B) BX (C) CX (D) DX
10	Which of the following is a biometric technique for person identification : (A) Access card (B) Finger print (C) Password (D) Badge
11	All files deleted from computer are stored in : (A) Sys-tray (B) Temporary files (C) My document (D) Recycle bin
12	The feature of MS-Word used to change font color, size and style is called : (A) Formatting (B) Styles (C) Composing (D) Attractive
13	If the custom format is ###.00 then 261 will be displayed as : (A) 261 (B) 261.0 (C) 2.61 (D) 261.00
14	To calculate sum of cells A1, A2, A3, A4 the formula is : (A) = (A1 + A2 + A3 + A4) (B) A1 + A2 + A3 + A4 (C) = A1 + A4 (D) = A1 + A3
15	The four numbers in an IP address are called : (A) Octets (B) Codec (C) Octal (D) Bytes

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SECTION – I

LHR-1-24

2. Write short answers to any SIX (6) questions :

12

- (i) Convert 240 MB of memory in Bytes.
- (ii) What is the function of application layer?
- (iii) State the purpose of computer network.
- (iv) How does Star Topology Work?
- (v) How did information technology make our World as global village?
- (vi) Compare continuous signal with discrete signal.
- (vii) What happens if the backbone cable fails in Bus Topology?
- (viii) Compare the De-facto standard with De-jure standard.
- (ix) Write a short note on satellite communication.

3. Write short answers to any SIX (6) questions :

12

- (i) Why SRAM is more efficient than DRAM?
- (ii) How main memory access the data randomly?
- (iii) List the name of four address instructions.
- (iv) Define package softwares.
- (v) What are the pirated softwares?
- (vi) How Trojan Horse virus work?
- (vii) What is the importance of data security?
- (viii) What do you mean about the web browsing?
- (ix) Write down two limitations of E-mail.

(2)

4. Write short answers to any SIX (6) questions :

12

- (i) How do you make the selected text bold and italic in MS-Word?
- (ii) Write short cut keys to save and print command.
- (iii) List four features of MS-Word.
- (iv) What are two typing modes in MS-Word?
- (v) Define 3-D sheet in MS-Excel.
- (vi) Write the use of function today ().
- (vii) Write the use of symbol ? in custom format. Give an example.
- (viii) What is cell reference in MS-Excel?
- (ix) What is active cell?

SECTION – II

Note : Attempt any THREE questions.

- 5. What is impact printer? Explain its types in detail. 8
- 6. Define encoding of data. Explain its types in detail. 2,6
- 7. How computer is used in industry? Also discuss CAD and CAM. 2,6
- 8. Define computer architecture. Discuss different components of computer architecture. 8
- 9. Describe any four objects of Windows Operating System. 8