

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

**PAPER CODE = 6836**

LHR-2-24

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	Two dissimilar networks can be connected by using : (A) Bridge (B) Repeater (C) Hub (D) Gateway
2	FormatC is an example of : (A) Boot Sector (B) Trojan Horse (C) Chernobal (D) Logic Bomb
3	Which one of the following cell address is correct : (A) AA (B) 3B (C) 25 (D) C5
4	Which one of the following is word processor : (A) MS-Word (B) MS-Excel (C) MS-PowerPoint (D) MS-Access
5	Data processing is also known as : (A) Accuracy (B) Computing (C) Speed (D) Merging
6	An operating system is a : (A) System utility (B) Application software (C) System software (D) Software package
7	The length of IP-address is : (A) 8-bits (B) 16-bits (C) 24-bits (D) 32-bits

1-8	All nodes are connected to a single cable in : (A) Bus topology (B) Ring topology (C) Star topology (D) Mesh topology
9	How many characters ASCII 8-bit code can represent : (A) 256 (B) 128 (C) 64 (D) 65536
10	The name of screen clarity is : (A) Pixel (B) Resolution (C) Density (D) Picture clarity
11	Brain of computer that executes instructions is called : (A) Bus (B) Register (C) CPU (D) RAM
12	A workbook is a collection of : (A) Tables (B) Formula (C) Sheets (D) Functions
13	Electronic banking is also known as : (A) Cyber banking (B) Offline banking (C) Interactive banking (D) Global banking
14	Television broadcast is an example of : (A) Simplex mode (B) Half duplex mode (C) Full duplex mode (D) Triplex mode
15	The program that contains instructions to operate a device is called : (A) Device system (B) Device operator (C) Device linking (D) Device driver

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Roll No \_\_\_\_\_ (To be filled in by the candidate) (Academic Sessions 2020 – 2022 to 2023 – 2025 )  
**COMPUTER SCIENCE** 224-1<sup>st</sup> Annual-(INTER PART – I) Time Allowed : 2.10 hours  
**PAPER – I ( Essay Type )** GROUP – II Maximum Marks : 60

**SECTION – I**

LHR-2-24

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

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- (i) Convert 320 MB into bytes.
- (ii) Write the purpose of data analysis in SDLC.
- (iii) How tree topology is constructed?
- (iv) How does Ethernet Protocol Work?
- (v) Define DSL. Is DSL is alternative to ISDN.
- (vi) What is the purpose of presentation layer?
- (vii) List two advantages of Bus topology.
- (viii) Represent digital signal with the help of diagram.
- (ix) Write two difference between base band and broad band.

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

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- (i) Why cache memory is made using SRAM chips?
- (ii) Why I/O unit is used to control processor's communication with I/O devices?
- (iii) What are data transfer instructions?
- (iv) Define instruction register.
- (v) Describe two ways of spreading virus.
- (vi) How data security is important?
- (vii) List down two biometrics techniques.
- (viii) Why search engines are used over the internet?
- (ix) What is an IP address?

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

12

- (i) What is the function of spell checkers in full featured word processor?
- (ii) How Undo and Redo commands are used in MS-Word?
- (iii) Define paragraph indentation.
- (iv) What is the use of clipboard in MS-Word?
- (v) Write the name of two states of a cell in MS-Excel?
- (vi) Write formula to find percentage when total is in A2 and obtained marks is in B6.
- (vii) Write a function to add values in cell D1, D2, D3, D4, D5, D6, D7, D8 and D9, in Excel.
- (viii) Write a function to find square root of a value in cell A10 in Excel.
- (ix) What is a chart in Excel?

**SECTION – II**

**Note : Attempt any THREE questions.**

- 5. Define non-impact printers. Describe different types of non-impact printers. 8
- 6. Explain Asynchronous and Synchronous transmission. 4,4
- 7. Explain, how computers can be useful in business? 8
- 8. What is operating system? Explain any six functions of operating system. 2,6
- 9. Write a note on Mouse Events and Keyboard Events. 8