

Roll No _____ (To be filled in by the candidate) (Academic Sessions 2019 – 2021 to 2022 – 2024)

COMPUTER SCIENCE 223-1st Annual-(INTER PART – I) Time Allowed : 20 Minutes

Q.PAPER – I (Objective Type) **PAPER CODE = 6831** Maximum Marks : 15

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. *LHR-11-23*

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| 1-1 | Pixel stands for : (A) Place edit (B) Picture enter (C) Page edit (D) Picture element |
| 2 | Which of the following is largest unit of data : (A) Giga Byte (B) Kilo Byte (C) Tera Byte (D) Mega Byte |
| 3 | Two dissimilar networks can be connected by using : (A) Gateway (B) Bridge (C) Terminator (D) System Bus |
| 4 | Which of the following OSI layer is responsible for data encryption and decryption : (A) Transport (B) Session (C) Application (D) Presentation |
| 5 | The electromagnetic or light waves representing data are called : (A) Mode (B) Signal (C) Information (D) Coding |
| 6 | Transmission that is used without timing signal : (A) Synchronous (B) Isochronous (C) Asynchronous (D) Parallel |
| 7 | Many products are manufactured by using : (A) CAM (B) CAD (C) ATM (D) CAL |
| 8 | Which component is used to connect different parts of computer together : (A) RAM (B) ROM (C) C.U (D) Bus Interconnection |
| 9 | Which of the following has the fastest speed : (A) Registers (B) Cache (C) DRAM (D) Floppy |
| 10 | Which of the following is a signal : (A) DMA (B) Interrupt (C) Memory (D) Register |
| 11 | Which of the given is a biometric technique : (A) Access card (B) Password (C) Face recognition (D) Pin number |
| 12 | Pressing and releasing the left mouse button quickly is called : (A) Dropping (B) Clicking (C) Dragging (D) Pointing |
| 13 | A tool used to find a similar or alternative word in a document is called : (A) Thesaurus (B) Finding Tool (C) Font (D) Search and Replace |
| 14 | Which of the following is absolute address : (A) A1 (B) \$A\$1 (C) \$A1 (D) A1\$ |
| 15 | URL stands for : (A) Universal Research Locator (B) Universal Resource Locator (C) Uniform Research Locator (D) Uniform Resource Locator |

SECTION – I

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2. Write short answers to any SIX (6) questions : 12

- (i) Define the term information technology. (ii) Write a short note on plotters.
- (iii) What is the purpose of application software? (iv) Define feasibility study.
- (v) What is the use of image processing system? (vi) How computer can useful in banks?
- (vii) Write any two uses of Robot in industry. (viii) Differentiate between active cell and passive cell.
- (ix) Write the function to calculate the maximum value from A1 to A5 cells.

3. Write short answers to any SIX (6) questions : 12

- (i) Define telnet.
- (ii) Differentiate between client and server.
- (iii) Write the functions of presentation layer of OSI Model.
- (iv) What do you know about parallel data transmission?
- (v) How does a modem work?
- (vi) Describe broadband.
- (vii) Why are web browsers used?
- (viii) Write any two limitations of E-mail.
- (ix) Elaborate the use of newsgroups on internet.

4. Write short answers to any SIX (6) questions : 12

- (i) What is interrupt? How is it generated?
- (ii) Write the purpose of I/O instructions.
- (iii) Elaborate biometrics.
- (iv) How can virus damage the computer?
- (v) Why is backup important?
- (vi) What is the purpose of Recycle Bin?
- (vii) What is the use of click event of mouse?
- (viii) What is meant by editing a document?
- (ix) How is WordArt inserted in a document?

SECTION – II

Note : Attempt any THREE questions.

- 5. What are impact printers? Discuss any two impact printers. 8
- 6. What is bus topology? Explain its working with diagram. Discuss its advantages and disadvantages. 8
- 7. Briefly describe different guided media. 8
- 8. Explain the Architecture of Computer System. Which components are included in the architecture of modern stored program machine? 8
- 9. What is operating system? Write any six functions of an operating system. 8