

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*

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 be 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