

Roll No. of Candidate : \_\_\_\_\_

**COMPUTER SCIENCE** Intermediate Part-I, Class 11<sup>th</sup> (1<sup>st</sup>A 323- I)

Paper - I

Time: 20 Minutes *GUJ-11-23* OBJECTIVE Code : 6831 *(2)*

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.

1. 1 - Mobile SIM card and ATM card are examples of  
(A) video card (B) OMR card (C) smart card (D) strip card
- 2 - Coding is also called  
(A) programming (B) evaluating (C) installing (D) testing
- 3 - Which is not a LAN protocol?  
(A) Ethernet (B) Token Ring (C) ARCNet (D) IrDA
- 4 - OSI reference model has  
(A) 3 layers (B) 7 layers (C) 11 layers (D) 13 layers
- 5 - Digital signals are commonly known as  
(A) bandwidth (B) narrowband (C) baseband (D) broadband
- 6 - Select unguided media from the followings  
(A) Microwave (B) Twisted pair cable (C) Coaxial cable (D) Fiber-optic cable
- 7 - Which technology is used to read data on cheques?  
(A) OMR (B) OCR (C) CAT (D) MICR
- 8 - How many units ALU has?  
(A) 6 (B) 2 (C) 3 (D) 4
- 9 - The order of stack is  
(A) GIGO (B) FIFO (C) LIFO (D) FIGO
- 10 - The program written in high level language is called  
(A) source code (B) object code (C) linked code (D) machine code
- 11 - McAfee is an example of  
(A) hacker (B) worm (C) virus (D) antivirus
- 12 - The letter "NT" in windows NT stands for  
(A) not tested (B) new technology (C) network terminal (D) network technology
- 13 - What kind of pictures bit map graphics are?  
(A) painted (B) line (C) curve (D) solid
- 14 - The columns in spreadsheet are labeled by  
(A) numbers (B) digits (C) letters (D) cell reference
- 15 - Which of the following is an internet protocol?  
(A) Ethernet (B) Token Ring (C) ARCNet (D) TCP/IP

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Note: Section-I is compulsory. Attempt any THREE (3) questions from Section-II.

Guj-11-23

SECTION - I

2 - Write short answers to any SIX questions.

(2 x 6 = 12)

- |   |   |
|---|---|
| i - Differentiate between data and information. | vi - How is computer useful in medical field?   |
| ii - Why is hardware useless without software?  | vii - What is the use of computer aided design? |
| iii - Enlist basic units of data storage.       | viii - Define worksheet.                        |
| iv - Define feasibility study.                  | ix - Can you enter data in passive cell?        |
| v - What is reprographic?                       |   |

3 - Write short answers to any SIX questions.

(2 x 6 = 12)

- |  |  |
|--|--|
| i - What are De facto standards?                         | vi - What is broadband?                        |
| ii - What is extranet?                                   | vii - What is an IP address? Why it is used?   |
| iii - What is the purpose of application layer?          | viii - Elaborate the purpose of search engine. |
| iv - Define data communication.                          | ix - How webpages are created?                 |
| v - How is data transmitted in synchronous transmission? |  |

4 - Write short answers to any SIX questions.

(2 x 6 = 12)

- |   |  |
|---|--|
| i - What is cache memory?                               | vi - What is Recycle Bin?                        |
| ii - Differentiate between Source Code and Object Code. | vii - Briefly describe Graphical User Interface. |
| iii - How a virus is activated?                         | viii - Discuss about headers and footers.        |
| iv - Explain antivirus software.                        | ix - Explain Word Art in Word Processors.        |
| v - List some reasons of data loss.                     |  |

SECTION - II

5 - What is non-impact printer? Discuss Laser printer and Inkjet printer.

(8)

6 - Discuss any four network components.

(8)

7 - What is un-guided media? Discuss different types of un-guided media.

(8)

8 - Describe computer architecture. Discuss its components in detail.

(8)

9 - What are CPU registers? Briefly describe special-purpose registers.

(8)

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~~Handwritten marks~~

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