



**Xavier Board for Computer Education (India)**

Roll No : 

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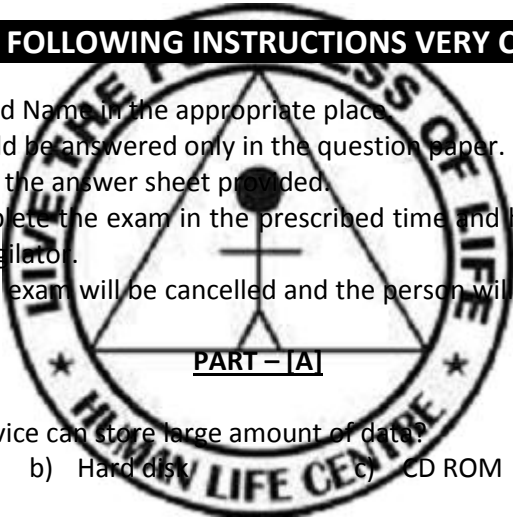
NAME \_\_\_\_\_

Time: 1hr 30 Minutes

FM: 60

**READ THE FOLLOWING INSTRUCTIONS VERY CAREFULLY**

1. Write your roll Number and Name in the appropriate place.
2. All answers of Part A should be answered only in the question paper.
4. Write answers of Part-B in the answer sheet provided.
5. You are expected to complete the exam in the prescribed time and handover the question paper and answer sheet to the invigilator.
6. In case of malpractice, the exam will be cancelled and the person will be debarred from appearing for other exams.



**PART - [A]**

**A. Multiple choice questions.**

**[10\*1=10 marks]**

1. Which of the following device can store large amount of data?  
 a) Pen drive                      b) Hard disk                      c) CD ROM                      d) None
2. ROM stands for  
 a) Read Only Memory                      c) Right Only Memory  
 b) Read Option Memory                      d) None
3. Which of the following operating system generally used in computers?  
 a) Android                      b) Chrome                      c) Windows                      d) Linux
4. Which of the following pairs of components constitutes the computer?  
 a) Hardware and software                      c) Software and user  
 b) Hardware, software and user                      d) User and hardware
5. Which network topology requires a central controller or hub?  
 a) Star                      b) Mesh                      c) Ring                      d) Bus
6. Which of the following is not a part of computer?  
 a) Keyboard                      b) Mouse                      c) Monitor                      d) Pen Drive
7. Data moves in and out of the CPU through embedded wires called  
 a) Bus                      b) Electronic Wires                      c) Lines                      d) Cables
8. Generally in a mouse how many buttons are available except scroll button?  
 a) One                      b) Two                      c) Three                      d) None
9. Putting files to the server from the computer is?  
 a) Downloading                      b) Uploading                      c) Trashing                      d) Transferring
10. Data communication system spanning states, countries or the whole world is \_\_\_\_\_.  
 a) LAN                      b) WAN                      c) MAN                      d) PAN

**B. Fill in the blanks.**

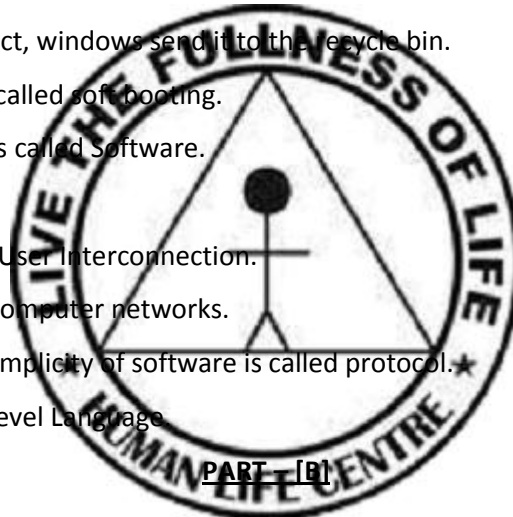
**[10\*1=10 marks]**

1. \_\_\_\_\_ Network topology, a single back bone cable is shared by all the devices.
2. Cache memory is used in a computer system to \_\_\_\_\_.
3. A string of 8 bit is \_\_\_\_\_.
4. Hexa decimal value of 13 is \_\_\_\_\_.
5. Light pen is a \_\_\_\_\_ device.
6. Arranging data in a particular order is known as \_\_\_\_\_.
7. COBOL stands for \_\_\_\_\_.
8. A set of instruction is called \_\_\_\_\_.
9. Picture and sound together is an example of \_\_\_\_\_.
10. \_\_\_\_\_ is a program that translates mnemonic statements into executable instructions.

**C. True or False.**

**[10\*1=10 marks]**

1. Fourth generation computer use integrated circuits.
2. Binary value of 303 is 0011000011.
3. When you delete an object, windows send it to the recycle bin.
4. Restating a computer is called soft booting.
5. Step by step instruction is called Software.
6. E-mail is elegant mail.
7. GUI stands for Graphical User Interconnection.
8. Internet is a network of computer networks.
9. The rule is used for the simplicity of software is called protocol.
10. Compiler converts High-level Language



**A. Answer any five questions.**

**[5\*3=15 marks]**

- 1) What is an Operating System?
- 2) Differentiate between Internet and Intranet.
- 3) What is System Software? Give any 3 example.
- 4) Write names of four output devices.
- 5) What is the difference between Software and hard ware?
- 6) How data is converted into information?
- 7) Convert the decimal to binary: a)  $(4117)_{10}$ , b)  $(3167)_{10}$

**B. Answer any two questions.**

**[7.5\*2=15 marks]**

- 1) Draw and explain the block diagram of digital computer.
- 2) What is Network? Write about different types of networks.
- 3) Explain uses of computer in a human life.