

Roll Number \_\_\_\_\_  
 In Figures: \_\_\_\_\_  
 In Words: \_\_\_\_\_

PR XI (01) 19  
**COMPUTER SCIENCE**  
 Inter Part – I (New)  
 (Fresh/Reappear)  
 Fic. No. \_\_\_\_\_  
 (For Board's Office use only)

Superintendent  
 Signature / Stamp:  
 \_\_\_\_\_

**COMPUTER SCIENCE**  
 Inter Part – I (New)  
 (Fresh/Reappear)

Fic. No. \_\_\_\_\_  
 (For Board's Office use only)

Time Allowed: 3 Hours

Marks: 75

Note: There are THREE sections in this paper i.e. Section A, B and C.

Attempt Section-A on the same paper and return it to the Superintendent within the given time.

No marks will be awarded for **Cutting, Erasing or Overwriting**. Marks of Identification will lead to UFM case, **Mobile Phone** etc are not allowed in the examination hall.

Time Allowed: 20 minutes

**Section – A**

Marks: 15

Q-I. Write the correct option i.e. A, B, C or D in the empty box provided opposite to each part.

i. UNIVAC is an example of.....	A. First generation computer	B. Second generation computer	C. Third generation computer	D. Fourth generation computer	A
ii. Mouse and joysticks are the example of.....	A. Scanning device	B. Storing device	C. Pointing device	D. Multimedia device	C
iii. .... is a term often used for fixed, small programs that control various electronic devices.	A. Open source	B. Shareware	C. Firmware	D. Freeware	C
iv. Which of the given is not the type of ROM?	A. PROM	B. CCROM	C. EPROM	D. EEROM	B
v. One MB memory is equal to.....	A. G byte	B. 1024 byte	C. 1034 M byte	D. 10024 byte	B
vi. Which of the given steps in Instruction cycle, interprets the instruction?	A. Decode	B. Execute	C. Fitch	D. Write back	A
vii. .... works by using shared public infrastructure while maintaining privacy through security.	A. LAN	B. WAN	C. MAN	D. VPN	D
viii. .... is a set of rules that govern data communications.	A. Sender	B. Message	C. Receiver	D. Protocol	D
ix. .... signals can be used for short range communication using line of sight propagation.	A. WIFI	B. Infra-Red	C. Message	D. WIMAX	B
x. In relational terminology, an attribute is also called.....	A. Entity	B. Field	C. Table	D. Record	B
xi. In which topology all computers are attached to a center device?	A. Bus	B. Ring	C. Star	D. Mesh	C
xii. .... is language that defines the structure in which data is stored.	A. DNL	B. DDL	C. DCL	D. DML	B
xiii. A table is also known as.....	A. Constraint	B. Relation	C. Tuple	D. Field	B
xiv. Which of the given is used for user interface in database?	A. Form	B. Query	C. Report	D. Table	A
xv. Which of the given is a Database management system?	A. Form	B. Query	C. Report	D. Table	

**COMPUTER SCIENCE (New)**

Inter Part -I (New)

(Fresh/Reappear)

**Note:** Time allowed for Section – B and Section – C is 2 Hours and 40 minutes.

**Section – B**

**Marks: 40**

**Q-II** Answer any TEN parts. Each part carries FOUR marks.

1. What are the uses of internet?
2. Describe any four input devices.
3. Describe computing devices.
4. Differentiate between firmware and shareware.
5. What do you mean by volatile memory?
6. What are various secondary storage devices?
7. Explain client server network?
8. Differentiate between Intel and AMD processors.
9. What is OSI model?
10. Explain various types' ports.
11. What is data model?
12. Differentiate between LAN and WAN.
13. Differentiate between primary key and foreign key.

**Section – C**

**Marks: 20**

**Note :** Attempt any TWO questions. All questions carry equal marks.

**Q-III** What is software? Discuss the main types of software in detail.

**Q-IV** Write short note on any one of the following:

- (a) Firmware
- (b) Components of data communication system
- (c) Any four input devices.

**Q-V** What is SQL? Explain its types in detail.