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Inter- (Part-D)-A-2022

Roll No. \_\_\_\_\_ To be filled in by the candidate

(For all sessions)

Paper Code	6	8	3	5
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**Computer Science** (Objective Type)

Time: 20 Minutes

Rus 22

Marks: 15

**NOTE:** Write answers to the questions on objective answer sheet provided. Four possible answers A,B,C & D to each question are given. Which answer you consider correct, fill the corresponding circle A,B,C or D given in front of each question with Marker or pen ink on the answer sheet provided.

1.1 Internet surfing is an example of:

- (A) Simplex Transmission (B) Half-duplex transmission  
(C) Full-duplex transmission (D) Duplex trasmission

2. The process of producing multiple copies of a document is called:

- (A) Word processing (B) Image processing (C) Desktop publishing (D) Reprographics

3. Memory consists of:

- (A) Set of Wires (B) Set of Circuits (C) Binary Cells (D) Ports

4. Which register has special role in division and multiplication?

- (A) AX (B) BX (C) CX (D) DX

5. CPU provides enabling signal through:

- (A) Data Bus (B) Control Bus (C) Address Bus (D) Serial Bus

6. McAfee is an example of:

- (A) Antivirus (B) Virus (C) Worm (D) Hacker

7. Add New Hardware option is available in:

- (A) Main menu (B) Status bar (C) Control Panel (D) Taskbar

8. Clipboard stores:

- (A) Entered text (B) Deleted text (C) Repeated text (D) Copied text

9. Which of the following is a correct cell address:

- (A) BB (B) B5 (C) 3B (D) 33

10. All of the following are top-level domain Except:

- (A) .edu (B) .org (C) .bus (D) .gov

11. Which of the following is used for prsonal idetification?

- (A) Magnetic stripe card (B) MICR (C) OMR (D) OCR

12. Testing all program components together is called:

- (A) Volume testing (B) Group testing (C) System testing (D) Composite testing

13. What layer of OSI model does data compression?

- (A) Network (B) Presentation (C) Data Link (D) Physical

14. Terminators are used in \_\_\_\_\_ topology.

- (A) Bus (B) Star (C) Ring (D) Mesh

15. The height of wave within a given period of time is known as:

- (A) Frequency (B) Phase  
(C) Amplitude (D) Pulse

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Roll No. \_\_\_\_\_ To be filled in by the candidate

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**Computer Science** (Essay Type)

Time: 2:10 Hours

Section-I

Rwp-22

Marks: 60

2 x 6 =12

2. Write short answers of any six parts from the following.

- i. Why a trackball should be used instead of mouse?
- ii. What is video input?
- iii. How does barcode reader work?
- iv. Define pixel.
- v. What is groupware?
- vi. Differentiate between Intranet and Extranet.
- vii. Write any two functions of Network layer.
- viii. Define Word processor.
- ix. Differentiate between Undo and Redo commands.

3. Write short answers of any six parts from the following.

2 x 6 =12

- i. How does data flow in simplex mode?
- ii. How data are represented in computer?
- iii. How would you define modulation?
- iv. Why does DRAM uses more power?
- v. What is the purpose of CPU registers?
- vi. Define data bus.
- vii. How would you define an interrupt?
- viii. How would you compare active and passive cells?
- ix. How would you enter function in MS-EXCEL?

4. Write short answers of any six parts from the following.

2 x 6 =12

- i. Describe Video-Conferencing.
- ii. Define Documents Management System.
- iii. How Computer can be useful in marketing?
- iv. What is a Chernobyl Virus?
- v. Why it is necessary to update antivirus programs periodically?
- vi. Describe Command Line Operating System with example.
- vii. Write the use of Start Button.
- viii. Differentiate between Webpage and Website.
- ix. Define IP Addressing.

**Section -II**

Note: Answer any three questions from the following.

8x3=24

5. What is the concept of Software? Describe the classification of software. 2+3+3 08
6. Define Computer Networks and briefly describe the different components of Computer Network. 08
7. Define encoding scheme. Discuss any three coding schemes. 2+2+2+2 08
8. Write down any Four main components of Computer System? 08
9. What do you mean by data security? Discuss any six ways of security violation. 2+1+1+1+1+1 08

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