

Computer Science  
Paper : I

Roll No.   
Inter (Part-I)-A-2021

(To be filled in by the candidate)

Time : 20 Minutes

Marks : 15

Objective - (iv)

Paper Code 6 8 3 7

SWL-21

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 in your answer book. Use marker or pen to fill the circles. Cutting or filling up two or more circles will result no mark.

| Q.1 | Questions  | A                     | B                  | C              | D                         |
|-----|--|-----------------------|--------------------|----------------|---------------------------|
| 1.  | Which of the given menu provides header and footer option?                                 | Tools                 | View               | Edit           | Insert                    |
| 2.  | Which of the given is a spreadsheet?   | MS-Excel              | MS-Word            | MS-Power Point | MS-Access                 |
| 3.  | In web address, www.education.com, "education.com" is:                                     | User Name             | Text File          | Protocol       | Domain Name               |
| 4.  | How many bits are in one byte?   | 2                     | 4                  | 6              | 8                         |
| 5.  | The scope of the problem is setted during:   | system implementation | system testing     | system coding  | preliminary investigation |
| 6.  | Which is not LAN protocol?   | ARCnet                | Ethernet           | Token Ring     | Wi MAX                    |
| 7.  | Which OSI layer is responsible to provide services that directly support user application? | Application layer     | Presentation layer | Session layer  | Transport layer           |
| 8.  | The amplitude is measured in:  | Cycle                 | Phase              | Volts          | Hertz                     |
| 9.  | Which communication medium requires lines of sight?  | Coaxial               | Twister Pair       | Fiber Optic    | Microwave                 |
| 10. | Electronic banking is also known as:   | cyber banking         | local banking      | remote banking | offline banking           |
| 11. | The temporary storage area within CPU is called:   | ROM                   | RAM                | DRAM           | Registers                 |
| 12. | Which component is responsible for comparing the contents of two pieces of data?           | Memory                | Control Unit       | Computer Clock | ALU                       |
| 13. | A virus that replicates itself is called a:  | Bug                   | Bomb               | Vaccine        | Worm                      |
| 14. | Which of the given is the entering point in MS-Window?                                     | Desktop               | Explorer           | My computer    | My document               |
| 15. | All deleted files are stored in:   | My Documents          | Temporary Files    | Sys-tray       | Recycle Bin               |

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Computer Science

Inter (Part-I)-A-2021

Time : 2:10 Hours

Paper : I

Subjective

SW-2

Marks : 60

Note: Section I is compulsory. Attempt any three Questions from section II.

**(SECTION - I)**

2. Write short answers to any Six parts. (6 x 2 = 12)
- What is application software?
  - Define Computer Word.
  - Differentiate between unit testing and system testing.
  - Why we need training of users for new system?
  - How computer are connected in network?
  - Name any two functions of transport layer.
  - What is FTP?
  - How does FDM work?

3. Write short answers to any Six parts. (6 x 2 = 12)
- Write two characteristics of analog signals.
  - Write two advantages of computer using in Banks.
  - What do you mean by video conferencing?
  - Write names of three computer technologies in office automation.
  - Define EPROM.
  - Write two disadvantages of using Interrupt for data transfer.
  - Describe about Memory Buffer Register.
  - Define One-Address Instruction Format.
  - What is antivirus software?
  - Why data security is necessary for computers?

4. Write short answers to any Six parts. (6 x 2 = 12)
- What is GUI operating system?
  - What is the purpose of Recycle Bin?
  - What is primary partition?
  - How can we insert text in a word processor?
  - What is the purpose of header in word processor?
  - What does font specification mean?
  - What is meant by absolute referencing in spreadsheet?
  - Enlist two examples of functions used in spreadsheet.
  - What is the use of formula in a spreadsheet?

**(Section - II)**

**Each Question Carries Eight (8) Marks.**

- Define Network Topology. Explain the working of Star Topology with example. Also draw its diagram.
- Define Data Communication. Explain its components with diagram.
- What is language translator? Explain different types of language translators.
- Define Data Security. Also explain six security threats to data and safeguard against them.
- Explain Email address and describe Newsgroups in detail.