| Paper Code Number: **2833** | 2024 (1st-A) INTERMEDIATE PART-I (11th Class) | Roll No: _____ |
|---|---|---|
| **COMPUTER SCIENCE     PAPER-I     GROUP-I** | | MTN–1–24 |
| **TIME ALLOWED: 20 Minutes** | **OBJECTIVE** | **MAXIMUM MARKS: 15** |

**Q.No.1** You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that bubble in front of that question number, on bubble sheet. Use marker or pen to fill the bubbles. Cutting or filling two or more bubbles will result in zero mark in that question.

| S.# | QUESTIONS | A | B | C | D |
|---|---|---|---|---|---|
| 1 | MS-DOS operating system is a: | Command line OS | GUI OS | Multiuser OS | Multitasking OS |
| 2 | Keyboard shortcut that is used to change the case: | Ctrl + Alt + F3 | Alt + F3 | Ctrl + F3 | Shift + F3 |
| 3 | The cell range C3 through H3 should be typed as: | C3 – H3 | C3 : H3 | C3 … H3 | C3 to H3 |
| 4 | If the custom format is ###.00, then 58 will be displayed as: | 58.00 | 5.80 | 5.08 | 0.58 |
| 5 | Additional files enclosed with email is called: | Protocol | Attachment | File | Document |
| 6 | Multiple choice examination answer sheet can be evaluated automatically using: | MICR | OCR | OMR | Magnetic Strip |
| 7 | The device driver is a type of: | System software | Utility program | Application software | Packaged software |
| 8 | The topology used by Ethernet protocol is: | Star | bus | Mesh | Ring |
| 9 | The term "De-jure" refers to the standards: | by fact | by nature | by law | by tradition |
| 10 | The height of wave within a given period of time is called: | Phase | Frequency | Pulse | Amplitude |
| 11 | The internal transfer of binary data in a computer uses: | Parallel mode | Serial mode | Sequential | Direct mode |
| 12 | A scanner that passes the rays over the body of patient is: | OMR | OCR | CAT | MICR |
| 13 | The technology that is used to build cache is: | DRAM | SRAM | PROM | EPROM |
| 14 | The register which holds the fetched instruction is: | MAR | PC | MBR | IR |
| 15 | Trojan horse is a type of: | Driver | Antivirus | Virus | Horse |

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2024 (1st-A)

INTERMEDIATE PART-I (11th Class)

Roll No: _____

COMPUTER SCIENCE    PAPER-I    GROUP-I

MTN-1-24

TIME ALLOWED: 2.10 Hours    SUBJECTIVE    MAXIMUM MARKS: 60

## SECTION-I

**2. Write short answers to any six parts.**                                    6 × 2 = 12

| | |
|---|---|
| (i) | How does trackball work? |
| (ii) | Convert 256 MB into bytes. |
| (iii) | What happens when collision is detected in CSMA/CD LAN Protocols? |
| (iv) | How analog signals differ from digital signals? |
| (v) | What do you mean by External Modem? |
| (vi) | Differentiate between bridge and gateway. |
| (vii) | Which LAN topology is best to connect 50 computers in a room and why? |
| (viii) | Write down two functions of transport layer. |
| (ix) | State the purpose of FTP. |

**3. Write short answers to any six parts**                                    6 × 2 = 12

| | |
|---|---|
| (i) | What is Interrupt? How is its generated? |
| (ii) | What is the purpose of Accumulator register? |
| (iii) | Why ALU is necessary for a computer system? |
| (iv) | How does RAM effect processing? |
| (v) | How does logic bomb differ from other virus? |
| (vi) | What do you mean by data protection? |
| (vii) | Write any two methods used to maintain security on a computer. |
| (viii) | What do you know about domain name? |
| (ix) | Why newsgroups are created on the internet? |

**4. Write short answers to any six parts**                                    6 × 2 = 12

| | |
|---|---|
| (i) | What is paragraph formatting? |
| (ii) | How is Word Art inserted in a document? |
| (iii) | Differentiate between line spacing and paragraph spacing. |
| (iv) | Why is the thesaurus used in Word Processing? |
| (v) | Write a function that returns that square root of cell D7 in MS-Excel. |
| (vi) | Write a function that returns the average of cells C3 to C8 in MS-Excel. |
| (vii) | If the custom format 0000 is used then how 91 will be displayed? |
| (viii) | Differentiate between active cell and passive cell. |
| (ix) | What is relative reference in a worksheet? |

## SECTION-II

**NOTE:    Attempt any three questions.**                                       3 × 8 = 24

| | | |
|---|---|---|
| 5. | What is System software? Discuss three different types of system software. | 2+2+2+2=8 |
| 6. | Explain four Encoding Schemes of Data. | 2+2+2+2=8 |
| 7. | Explain any three uses of computer in medical field. | 3+3+2=8 |
| 8. | Define Language Translator, discuss its types. | 8 |
| 9. | Define Operating system.   Discuss their types. | 2+3+3=8 |