

THOOTHUKUDI DISTRICT
FIRST MID-TERM TEST - 2024

T

Standard - 11

COMPUTER SCIENCE

Time: 1.30 hours

Marks: 35

Part - I

10×1=10

I. Choose the best answer:

- 1) First generation computers used
 - a) Vacuum tubes
 - b) Transistors
 - c) Integrated circuits
 - d) Microprocessors
- 2) _____ transfers OS from hard disk into main memory.
 - a) Bootstrap Loader
 - b) Compiler
 - c) Interpreter
 - d) POST
- 3) How many characters can be handled in ISCII?
 - a) 64
 - b) 255
 - c) 256
 - d) 128
- 4) Which is a basic electronic circuit which operates on one or more signals?
 - a) Boolean algebra
 - b) Gate
 - c) Fundamental gates
 - d) Derived gates
- 5) Which of the following is CISC processor?
 - a) intel P6
 - b) AMD K6
 - c) Pentium III
 - d) Pentium IV
- 6) To connect the hard disk drives and network connectors are connected to the computer through,
 - a) USB port
 - b) Ps/2 port
 - c) SCSI port
 - d) VGA connector
- 7) Operating system is a
 - a) Application software
 - b) Hardware
 - c) System software
 - d) Component
- 8) Which of the following is a function of an Operating system?
 - a) Process Management
 - b) Interpreter Management
 - c) Generation Management
 - d) Compiler Management
- 9) What is the meaning of "Hibernate" in Windows XP / Windows 7?
 - a) Restart the Computer in safe mode
 - b) Restart the Computer in hibernate mode
 - c) Shutdown the Computer terminating all the running applications
 - d) Shutdown the Computer without closing the running applications
- 10) Delete option is available under _____ menu.
 - a) Edit
 - b) View
 - c) File
 - d) Insert

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XI - Computer Science

Part - II**II. Answer any 3 questions:****3×2=6**

- 11) Write the functions of control unit.
- 12) What is data?
- 13) Which source is used to erase the content of a EPROM?
- 14) List out any two uses of Operating System.
- 15) What are called standard icons?

Part - III**III. Answer any 3 questions:****3×3=9**

- 16) Write the characteristics of sixth generation.
- 17) Write a short note on XNOR gate.
- 18) Differentiate PROM and EPROM.
- 19) What are the advantages and disadvantages of Time - sharing features?
- 20) Write a note on the elements of a window.

Part - IV**IV. Answer in detail:****2×5=10**

- 21) Explain the basic components of a computer with a neat diagram.

(OR)

Find 1's complement and 2's Complement for the following Decimal number:

(a) -98 (b) -135

- 22) Explain the characteristics of a microprocessor.

(OR)

List out the points to be noted while creating a user interface for an Operating system.
