

Tsi/11CS

Tenkasi District

Common First Mid Term Test - 2024



01-08-2024

Standard 11

Time: 1.30 Hrs.

COMPUTER SCIENCE

Marks: 35

I. Choose the correct answer from the given four alternatives: 10×1=10

- 1) When a system starts from initial state which type of booting is used
 - a) Warm booting
 - b) Cold booting
 - c) Touch booting
 - d) Real booting
- 2) 1 TeraByte represents
 - a) 2^{20}
 - b) 2^{30}
 - c) 2^{40}
 - d) 2^{50}
- 3) The ASCII value for blank space is _____
 - a) 32
 - b) 48
 - c) 65
 - d) 97
- 4) $A + \bar{A} = ?$
 - a) 0
 - b) 1
 - c) A
 - d) \bar{A}
- 5) Which gate is called an logical inverter?
 - a) AND
 - b) OR
 - c) NOT
 - d) XNOR
- 6) Which of the following is a CISC processor?
 - a) Pentium III
 - b) Pentium IV
 - c) Intel P6
 - d) AMD K6
- 7) Which of the following operating systems support mobile devices?
 - a) Windows
 - b) Linux
 - c) Boss
 - d) Android
- 8) The shortcut key used to rename file in windows
 - a) F1
 - b) F2
 - c) F4
 - d) F5
- 9) The key(s) used to select multiple files
 - a) Ctrl+Click
 - b) Alt+Click
 - c) Tab
 - d) F2
- 10) Omitting details in essential to the task and representing only the essential features of the task is known as
 - a) Specification
 - b) Abstraction
 - c) Composition
 - d) Decomposition

II. Answer ANY THREE Questions. Question No. 14 is compulsory: 3×2=6

- 11) Distinguish Primary and Secondary memory.
- 12) Write the 2's complement procedure.
- 13) What is HDMI?
- 14) What are called standard icons?

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Sri Ram matrix HSS
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III. Answer ANY THREE Questions. Question No. 18 is compulsory: 3×3=9

- 15) Write the Truth table of fundamental gates.
- 16) How will you differentiate a flash memory and an EEPROM?
- 17) Write a note on multiprocessing.
- 18) What is the format of the specification of an algorithm?

IV. Answer all the questions:**2×5=10**

- 19) a) Discuss the various generations of computers.

(OR)

- b) Find 1's complement and 2's complement for the following decimal number.

(i) $(-46)_{10}$ (ii) $(-135)_{10}$

- 20) a) Explain the characteristics of a Microprocessor.

(OR)

- b) Explain the different ways of finding a file or folder.