

CUET 2026 May 31 Shift 1 Computer Science

Question Paper (Memory-Based) With Solution

Conducted by National Testing Agency (NTA)



General Instructions

- (i) The examination will be conducted in Computer-Based Test (CBT) mode.
- (ii) Each question carries +5 marks for correct answer and -1 mark for wrong answer.
- (iii) The total number of questions are 50.
- (iv) Duration of the exam is 1 hour (60 minutes).

1. Which switching technique is used in the Internet?

- (A) Circuit Switching
 - (B) Packet Switching
 - (C) Message Switching
 - (D) Hybrid Switching
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2. Telephone conversation is an example of:

- (A) Simplex
 - (B) Half Duplex
 - (C) Full Duplex
 - (D) Multiplex
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3. Linear search works best on:

- (A) Sorted list
 - (B) Unsorted list
 - (C) Binary tree
 - (D) Hash table
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4. Which search method has logarithmic complexity?

- (A) Linear Search
 - (B) Binary Search
 - (C) Sequential Search
 - (D) Traversal
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5. Who developed Python programming language?

- (A) Dennis Ritchie
 - (B) James Gosling
 - (C) Guido van Rossum
 - (D) Bjarne Stroustrup
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6. Which keyword is used to define a function in Python?

- (A) function
 - (B) define
 - (C) def
 - (D) fun
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7. Which operator is used for logical AND in Python?

- (A) &
 - (B) and
 - (C)
 - (D) AND
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8. Which one of the following is the formula used to calculate the middle index in Binary Search?

- (A) $\frac{low+high}{2}$
 - (B) $low + high$
 - (C) $high - low$
 - (D) $\frac{high-low}{2}$
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9. Which of the following is NOT an element of communication?

- (A) Sender
 - (B) Receiver
 - (C) Message
 - (D) Compiler
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10. Linear Search is useful when:

- (A) Data is unsorted
 - (B) Dataset is small
 - (C) Both A and B
 - (D) Data is indexed
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