

VIRTUAL UNIVERSITY OF PAKISTAN

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CORRECT ANSWER SOLVED BY HADI
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TEAM HADI(VU)

MID TERM PAST PAPER

We Deal All Kind of VU Project
(PHP, .NET, ANDROID, PYTHON)

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WARNING: Team HADI is not responsible for any mistake or wrong answer. All students reading and using this document may check and confirm the answers at their own.



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Best of luck!



Question # 7 of 10 (Start time: 07:05:50 PM, 12 December 2022)

Total Marks: 1

While analyzing algorithms, _____ and _____ are usually considered difficult to calculate.

Select the correct option

<input type="radio"/>	Row, Column
<input type="radio"/>	Finite, Infinite
<input type="radio"/>	Graph, Tree
<input checked="" type="radio"/>	Floor, ceiling

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Question # 5 of 10 (Start time: 07:04:17 PM, 12 December 2022)

Total Marks:

The sieve technique works where we have to find _____ item(s) from a large input.

Select the correct option

- | | |
|----------------------------------|---------|
| <input type="radio"/> | Two |
| <input type="radio"/> | Similar |
| <input type="radio"/> | Three |
| <input checked="" type="radio"/> | Single |

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Question # 10 of 10 (Start time: 07:09:36 PM, 12 December 2022)

Total Marks: 1

In quick sort algorithm, pivots form a _____.

Select the correct option

 Reload Math Equations

- | | |
|----------------------------------|--------------------|
| <input type="radio"/> | Stack |
| <input type="radio"/> | Graph |
| <input type="radio"/> | Queue |
| <input checked="" type="radio"/> | Binary Search Tree |

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Question # 6 of 10 (Start time: 07:04:57 PM, 12 December 2022)

Total Marks: 1

For average-case time analysis of quick sort algorithm, pivot selection is on average basis from _____.

Select the correct option

- half of the input values
- all possible random values
- all values except even
- values greater than 5

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Question # 9 of 10 (Start time: 07:08:49 PM, 12 December 2022)

Total Marks: 1

In Heap Sort algorithm, we build _____ for ascending sort.

Select the correct option

<input type="radio"/>	order heap
<input type="radio"/>	Min heap
<input checked="" type="radio"/>	Max heap
<input type="radio"/>	Full heap

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Question # 3 of 10 (Start time: 07:02:37 PM, 12 December 2022)

Total Marks: 1

In Heap Sort algorithm, the maximum levels an element can move upward is _____.

Select the correct option

- | | |
|----------------------------------|---------------------------|
| <input type="radio"/> | $O(1)$ i.e. Constant time |
| <input type="radio"/> | Omega ($\log n$) |
| <input checked="" type="radio"/> | Theta ($\log n$) |
| <input type="radio"/> | Big-oh($\log n$) |

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Question # 4 of 10 (Start time: 07:03:43 PM, 12 December 2022)

Total Marks: 1

Quick sort is based on _____ strategy.

Select the correct option

 Reload Math Equations

<input type="radio"/>	Greedy approach
<input checked="" type="radio"/>	Divide-and-Conquer
<input type="radio"/>	Graph Theory
<input type="radio"/>	Dynamic programming

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Question # 1 of 10 (Start time: 07:00:31 PM, 12 December 2022)

Total Marks: 1

Quick sort is based on _____ strategy.

Select the correct option

 Reload Math Equations

<input type="radio"/>	Greedy approach
<input type="radio"/>	Dynamic programming
<input type="radio"/>	Graph Theory
<input checked="" type="radio"/>	Divide-and-Conquer

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FOR ASSISTANCE

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- 2) QUIZZES
- 3) GDB
- 4) GRAND QUIZZES

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include Assignments,
Quizzes, GDBs, Grand Quizzes
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