For More Visit VU Answer **CS301** Final Term Papers By Waqar (File 3) Question No : 1 of 52 Marks: 1 (Budgeted Time 1 Min) An array x of 100 integers is declared as , VuAnswers.com Answer (Please select your correct option) int x = [100]; int x[100]; integer array x = 100; C integer x [] = 100; C Made by: Waqar Siddhu Marks: 1 (Budgeted Time 1 Min) Question No : 2 of 52 Which of the following is NOT a correct statement about Table ADT VuAnswers.com Answer (Please select your correct option) In a table, the type of information in columns may be different. A table consists of several columns, known as entities. moazz The row of a table is called a record. A major use of table is in databases where we build and use tables for keeping information. C Made by: Waqar Siddhu Marks: 1 (Budgeted Time 1 Min) Question No : 3 of 52 The easiest case of deleting a node from BST is the case in which the node to be deleted VuAnswers.com your correct option) Is a leaf node p 170 Has left subtree only Has right subtree only Has both left and right subtree Made by: Wagar Siddhu For More Visit VU Answer

| estion No : 4 of 52 | Marks: 1 (Budgeted Time 1 Min |
|--|---|
| onsider te following array | |
| 23 15 5 12 40 10 7 fter the first pass of a particular algorithm, the array looks like | |
| 15 5 12 23 10 7 40 ame the algorithm used | |
| | |
| swer (Please select your correct option) | VuAnswers.com |
| Heap sort | |
| | |
| Selection sort | |
| 5 | |
| Insertion sort | |
| | |
| \frown | |
| Bubble sort rep | Made by: Waqar Siddh |
| $\underline{}$ | |
| estion No : 5 of 52 | Marks: 1 (Budgeted Time 1 Mi |
| uppose we had a hash table whose hash function is "n % 12", if the number 35 is already in the h | hash table, which of the following numbers would cause a collision? |
| | |
| | |
| | |
| swer (Please select your correct option) | VuAnswers.com |
| 144 | |
| | |
| 145 | |
| not sure | |
| 143 | |
| | |
| 440 | |
| , 148 | Made by: Waqar Siddh |
| | |
| estion No : 6 of 52 | Marks: 1 (Budgeted Time 1 Mi |
| 'hat requirement is placed on an array, so that <i>binary search</i> may be used to locate an entry? | |
| | |
| | |
| | VuAnswers.com |
| swer (Please select your correct option) | VUAIISWEIS.COITI |
| The array elements must form a heap. | |
| | |
| The array must have at least 2 entries. | |
| | |
| The array must be sorted ref moazz files | |
| Ter moazz mes | |
| | |
| The same 2 size much have seen to be | Made by: Waqar Siddh |
| The array's size must be a power of two. | |
| | . Dane ng. Wadar Staat |
| | . June 29. Madue Quant |
| | . June pg. Madur Sunn |
| | "June pg. Wadar Shan |
| | "June pg. ///uqut (Juni) |
| | . June pg. ///adur (Juni) |
| | "June pg. ///udut (Juni |

| ion No : 7 of 52 | Marks: 1 (Budgeted Time 1 Min) |
|---|--|
| h Boolean expression indicates whether the numbers in two nodes (p and q) are the same. Assume that ne | ither p nor q is null. |
| | |
| | |
| er (Please select your correct option) | VuAnswers.com |
| p.data == q.data | |
| AT 5 | |
| p. nextNode == q. nextNode | |
| p.data = q.data | |
| | |
| p == q | Mada has \$ 10aaas Giddha |
| ine No. (9 of 57 | Made by: Waqar Siddhu |
| ion No : 8 of 52 is the stack characteristic butwas implemented because of the size limitation of the array. | Marks: 1 (Budgeted Time 1 Min) |
| | |
| | |
| er (Please select your correct option) | VuAnswers.com |
| sFullo.isEmpty() | |
| | |
| pop(), push() | |
| | |
| sEmpty(), isFull() ref moazz files | |
| | |
| push(),pop() | Made by: Waqar Siddhu |
| ion No : 9 of 52 | Marks: 1 (Budgeted Time 1 Min) |
| | |
| d of expressions where the operator is present between two operands, is calledexpressions. | |
| d of expressions where the operator is present between two operands, is calledexpressions. | |
| d of expressions where the operator is present between two operands, is calledexpressions. | |
| d of expressions where the operator is present between two operands, is calledexpressions. | VuAnswers.com |
| | VuAnswers.com |
| er (Please select your correct option) Postfix | VuAnswers.com |
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| er (Please select your correct option) Postfix Inflix Prefix | VuAnswers.com Made by: Wagar Siddhu |
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| er (Please select your correct option) Postfix Inflix Prefix | |

| uestion No : 10 of 52 | Marks: 1 (Budgeted Time 1 Min |
|--|-------------------------------|
| Consider a min heap, represented by the following array: 8, 4, 6, 7, 5, 10 | |
| after inserting a node with value 1. Which of the following is the updated min heap? | |
| | |
| | VuAnswers.com |
| nswer (Please select your correct option) | VUAIISWEIS.COIII |
| 3, 4, 6, 7, 5, 10, 1 | |
| | |
| 3, 4, 6, 7, 5, 1, 10 | |
| | |
| 3, 4, 1, 5, 7, 10, 6 | |
| | |
| ref moazz | |
| | Made by: Waqar Siddh |
| uestion No : 11 of 52 | Marks: 1 (Budgeted Time 1 Min |
| Merge sort and quick sort both fall into the same category of sorting algorithms, which is known as: | |
| | |
| | |
| | |
| nswer (Please select your correct option) | VuAnswers.com |
| O(NlogN) sorts | |
| | |
| Interchange sorts | |
| c The second sec | |
| Quadratic average time sorts | |
| C | |
| Complex sorts p 488 | |
| | Made by: Waqar Siddh |
| uestion No : 12 of 52 | Marks: 1 (Budgeted Time 1 Min |
| A tree whose all leaves are at the same level, is called: | |
| | |
| | |
| | |
| nswer (Please select your correct option) | VuAnswers.com |
| Binary Tree | |
| c diama di seconda di s | |
| Strictly Binary Tree | |
| 0 | |
| Complete Binary Tree | |
| Complete Dunay Free | |
| | |
| Simple Tree | Made bu Jalasar fiddh |
| | Made by: Waqar Siddh |
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| uestion No : 13 of 52 | Marks: 1 (Budgeted Time 1 Min |
|---|-------------------------------|
| Which one of the following is correct about pointers? | |
| | |
| nswer (Please select your correct option) | VuAnswers.com |
| They always point to different memory locations | |
| They may point to a single memory location | |
| The address of two pointer variables is same | |
| They hold the actual value of a variable | Made by: Waqar Siddh |
| Juestion No : 14 of 52 | Marks: 1 (Budgeted Time 1 Min |
| In an array list, the current element is | |
| inswer (Please select your correct option) | VuAnswers.com |
| The first element | |
| C The middle element | |
| C The last element | |
| C The element where the current pointer points to | Made by: Waqar Siddh |
| Question No : 15 of 52 | Marks: 1 (Budgeted Time 1 Min |
| Suppose T is a Binary tree with 14 nodes. What is the minimum possible depth of T ? | |
| nswer (Please select your correct option) | VuAnswers.com |
| c | |
| c ³ | |
| 4 | |
| c ⁵ | Made by: Waqar Siddh |
| | |
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| Question No : 16 of 52 | Marks: 1 (Budgeted Time 1 Min) |
| Which of the following statement is NOT true for Huffman code? | |

Question No : 16 of 52

C

C

C

C

VuAnswers.com Answer (Please select your correct option) It is a method for the compression of standard text documents It uses Binary tree to develop codes of varying lengths for the letters used in the original message. It is no more used in any compressed file format. It is also part of the JPEG image compression scheme Made by: Waqar Siddhu Marks: 1 (Budgeted Time 1 Min) Question No : 17 of 52 The definition of Transitivity property is VuAnswers.com Answer (Please select your correct option) For all element x member of S, x R x For all elements x and $y,\,x\,R\,y$ if and only if $y\,R\,x$ For all elements x, y and z, if x R y and y R z then x R z p 385 For all elements w, x, y and z, if x R y and w R z then x R z Made by: Waqar Siddhu Marks: 1 (Budgeted Time 1 Min) Question No : 18 of 52 Which of the following is true for disjoint sets A and B ?

VuAnswers.com Answer (Please select your correct option) Intersection of A & B is equal to B Union of A & B is empty C Intersection of A & B is empty Intersection of A & B is equal to A Made by: Waqar Siddhu C

| iestion No : 19 of 52 | Marks: 1 (Budgeted Time 1 Min |
|---|--|
| Iere is an array of ten integers: 5 3 8 9 1 7 0 2 6 4 | |
| rray after the FIRST iteration of the main loop in selection sort algorithm will be (sorting from smalle | est to largest) : |
| | |
| | |
| sweet r lease select your correct optional | VuAnswers.com |
| 0 3 8 9 1 7 5 2 6 4 ref moazz files | |
| | |
| 2 6 4 0 3 8 9 1 7 5 | |
| | |
| 2 6 4 9 1 7 0 3 8 5 | |
| | |
| | |
| 0 3 8 2 6 4 9 1 7 5 | Made by: Waqar Siddh |
| | |
| iestion No : 20 of 52 | Marks: 1 (Budgeted Time 1 Mir |
| uppose A is an array containing numbers in increasing order, but some numbers occur more than once | When using a binary search for a value, the binary search always finds |
| | |
| | |
| | |
| sper (Please select your connect option) the first occurrence of value. ref moazz files | VuAnswers.com |
| the first occurrence of value. I TEI IIIOAZZ IIIES | |
| | |
| the second occurrence of value. | |
| | |
| may find first or second occurrence of value. | |
| 0 | |
| It will give an error. | |
| 0 | Made by: Waqar Siddh |
| Justion No : 21 of 52 | Marks: 1 (Budgeted Time 1 Min |
| Then unions are done by weight (size), the depth of any element is never greater than | |
| | |
| | |
| | |
| nswer <u>(Please</u> select your correct option) | VuAnswers.com |
| log2n | |
| | |
| alagan | |
| nlog2n | |
| | |
| nlog2n+1 | |
| | |
| log2n-1 | |
| | Made by: Waqar Siddh |
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| T B <i>A</i> T 7 • 4 T | |
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| stion No : 22 of 52 | Marks: 1 (Budgeted Time 1 Min) |
|--|--------------------------------|
| at is the best definition of <i>collision</i> in a hash table? | |
| | |
| | |
| | VuAnswers.com |
| wer (Please select your correct option) Two entries are identical except for their keys. | VuAnswers.com |
| | |
| Two entries with different data have different keys. | |
| | |
| Two entries with different keys have the same hash value. ref moazz files | |
| | |
| Two entries with the same key have different hash values. | Made bus Jalassar fiddbu |
| No. 22 of 62 | Made by: Waqar Siddhu |
| estion No : 23 of 52 | Marks: 1 (Budgeted Time 1 Min) |
| | |
| | |
| | |
| wer (Please select your correct option) Parameterized | VuAnswers.com |
| | |
| Recursive p 159 | |
| | |
| Function | |
| | |
| Non-Function | Mada has \$ 100000 fiddle |
| estion No : 24 of 52 | Made by: Waqar Siddhu |
| | Marks: 1 (Budgeted Time 1 Min) |
| | |
| w many child nodes a leaf node has in the binary tree: | |
| w many chud nodes a lear node has in the onlary tree. | |
| | |
| wer (Riease select your correct option) | VuAnswers.com |
| | VuAnswers.com |
| Zero p 121 One | VuAnswers.com |
| Zero p 121 | VuAnswers.com |
| Ver (Please select your correct option) Zero p 121 One Two | VuAnswers.com |
| Zero p 121 One | VuAnswers.com |
| Ver (Please select your correct option) Zero p 121 One Two Three | |
| Ver (Please select your correct option) Zero p 121 One Two | VuAnswers.com |
| Ver (Please select your correct option) Zero p 121 One Two Three | |
| Ver (Please select your correct option) Zero p 121 One Two Three | |
| Ver (Please select your correct option) Zero p 121 One Two Three | |
| Ver (Please select your correct option) Zero p 121 One Two Three | |

| stion No : 25 of 52 | Marks: 1 (Budgeted Time 1 Min) |
|--|---|
| nning time of <i>find(i</i>) is proportional to the of the tree containing node <i>i</i> . | |
| | |
| | |
| wer (Please select your correct option) | VuAnswers.com |
| Weight | |
| Height | |
| | |
| Root | |
| Number of links | |
| | Made by: Waqar Siddh |
| stion No : 26 of 52 | Marks: 1 (Budgeted Time 1 Min) |
| hich one may cause the "endless problem" of a process/program? | |
| | |
| | <u> </u> |
| wer (Please select your correct option) | VuAnswers.com |
| Function call | |
| | |
| Recursive function call | |
| Recursive function call | |
| Recursive function call Program execution | |
| Program execution | |
| | Made by: Waqar Siddhu |
| Program execution Compilation of program | Made by: Wagar Siddhu Marks: 1 (Budgeted Time 1 Min) |
| Program execution Compilation of program | |
| Program execution Compilation of program estion No : 27 of 52 | |
| Program execution Compilation of program estion No : 27 of 52 which of the following, there is no need to go for rotations and balancing? | Marks: 1 (Budgeted Time 1 Min) |
| Program execution Compilation of program setion No : 27 of 52 which of the following, there is no need to go for rotations and balancing? wer (Please select your correct option) | |
| Program execution Compilation of program estion No : 27 of 52 which of the following, there is no need to go for rotations and balancing? | Marks: 1 (Budgeted Time 1 Min) |
| Program execution Compilation of program estion No : 27 of 52 which of the following, there is no need to go for rotations and balancing? wer (Please select your correct option) Skip list | Marks: 1 (Budgeted Time 1 Min) |
| Program execution Compilation of program estion No : 27 of 52 which of the following, there is no need to go for rotations and balancing? wer (Please select your correct option) Skip list AVL tree | Marks: 1 (Budgeted Time 1 Min) |
| Program execution Compilation of program estion No : 27 of 52 which of the following, there is no need to go for rotations and balancing? wer (Please select your correct option) Skip list | Marks: 1 (Budgeted Time 1 Min) |
| Program execution Compilation of program estion No : 27 of 52 which of the following, there is no need to go for rotations and balancing? wer (Please select your correct option) Skip list AVL tree | Marks: 1 (Budgeted Time 1 Min) |
| Program execution Compilation of program stion No : 27 of 52 which of the following, there is no need to go for rotations and balancing? wer (Please select your correct option) Skip list AVL tree Unbalanced tree | Marks: 1 (Budgeted Time 1 Min) |

| estion No : 28 of 52 | Marks: 1 (Budgeted Time 1 Min) |
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| equivalence relations, x to y and y to x sort of relationship is known as | |
| | |
| | VuAnswers.com |
| wer (Please select your correct option) Concurrencey | VuAnswers.com |
| | |
| Transitivity | |
| Symmetry p 385 | |
| | |
| Non-Symmetry | Made by: Waqar Siddhu |
| estion No : 29 of 52 | Marks: 1 (Budgeted Time 1 Min) |
| in equivalence relations is as, if x leads to y and y to z then x leads to z | |
| | |
| wer (Please select your correct option) | VuAnswers.com |
| Equality | |
| Symmetry | |
| | |
| Non-Symmetry | |
| Transitivity p 385 | |
| P 2002 | Made by: Waqar Siddhu |
| estion No : 30 of 52 e worst case of building a heap of IN keys is | Marks: 1 (Budgeted Time 1 Min) |
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| wer (Please select your correct option) | VuAnswers.com |
| И | |
| N ² | |
| NT-AT | |
| MogN | |
| 2 ^M | Mada has Salasan Giddha |
| | Made by: Waqar Siddhu |
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| on No : 31 of 52 | Marks: 1 (Budgeted Time 1 Min) |
|---|--------------------------------|
| nplete binary tree is a tree that is filled, with the possible exception of the bottom level. | |
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| r (Please select your correct option) | VuAnswers.com |
| artially | |
| rompletely | |
| ref moazz files | |
| ncompletely | |
| | |
| artly | Made by: Waqar Siddhu |
| on No : 32 of 52 | Marks: 1 (Budgeted Time 1 Min) |
| eaded Binary tree, we convert pointers of the tree to threads. | |
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| r (Please select your correct option) .eft | VuAnswers.com |
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| light | |
| vul ref moazz files | |
| The moazz mes | |
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| | Made by: Waqar Siddhu |
| on No : 33 of 52 viler is a | Marks: 1 (Budgeted Time 1 Min) |
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| r (Please select your correct option) | VuAnswers.com |
| anguage Translator | |
| Database | |
| | |
| Tetwork | |
| | |
| Jata Structure | Made by: Waqar Siddhi |
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| tion No : 34 of 52 | Marks: 1 (Budgeted Time 1 Min) |
|---|--------------------------------|
| ch of the following is the most significant part of compilers? | |
| | |
| | VuAnswers.com |
| wer (Please select your correct option) AVL tree | VuAnswers.com |
| | |
| Expression tree | |
| Array | |
| Binary tree | |
| Liney use | Made by: Waqar Siddhu |
| estion No : 35 of 52 | Marks: 1 (Budgeted Time 1 Min) |
| there are N external nodes in a Binary tree, then number of internal nodes will be: | |
| | |
| swer (Please select your correct option) | VuAnswers.com |
| N -1 | |
| ^{N+1} p 303 | |
| N+2 | |
| | |
| N | Made by: Waqar Siddhu |
| estion No : 36 of 52 | Marks: 1 (Budgeted Time 1 Min) |
| disjoint sets, union is a time operation. | |
| | |
| wer (Please select your correct option) | VuAnswers.com |
| Constant p 405 | |
| Variable | |
| | |
| Exponential | |
| Quadratic | |
| | Made by: Waqar Siddhu |
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| estion No : 37 of 52 | Marks: 1 (Budgeted Time 1 Min) |
|--|--|
| hich of the following methods is helpful in creating the heap at once? | |
| | |
| | |
| wer (Please select your correct option) | VuAnswers.com |
| Insert | |
| Add | |
| | |
| Update | |
| PerculateDown p 358 | |
| | Made by: Waqar Siddh |
| estion No : 38 of 52 hich of the following heap methods, increases the value of key at position 'p' by the amount 'del | Marks: 1 (Budgeted Time 1 Min) |
| include to the following heap methods, incleases the value of key as position p by the announe def | ια : |
| | |
| weet T lease select your correct option) | VuAnswers.com |
| IncreaseKey(p,delta) p 363 | |
| PerculateDown(p, delta) | |
| | |
| DecreaseKey(p, delta) | |
| Remove(p, delta) | |
| And the second s | Made by: Waqar Siddh |
| estion No : 39 of 52 | Marks: 1 (Budgeted Time 1 Min) |
| complete binary tree of height 3 has nodes between | |
| anna ⁴ annanairte Éirteanairte an 18 <mark>8</mark> annairte an 1997, ann an 1997 ann an 1997. Ann an 1997, ann an 1997, ann an 1997. Ann an 1997, ann an 1997, ann an 1997. Ann an 1997, ann an 1997, ann an 1997. Ann an 1997, ann an 1997, ann an 1997. Ann an 1997, ann an 1997, ann an 1997. Ann an 1997, ann an 1997, ann an 1997. Ann an 1997, ann an 1997, ann an 1997, ann an 1997. Ann an 1997, ann an 1997, ann an 1997. Ann an 1997, ann an 1997, ann an 1997. Ann an 1997, ann an 1997, ann an 1997. Ann an 1997, ann an 1997, ann an 1997. Ann an 1997, ann an 1997, ann an 1997, ann an 1997, ann an 1997. Ann an 1997, ann an 1 | |
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| | VuAnswers.com |
| wer (Please select your correct option) 8 to 14 | VuAnswers.com |
| wer (Please select your correct option) 8 to 14 | VuAnswers.com |
| wer (Please select your correct option) 8 to 14 | VuAnswers.com |
| 8 to 14 8 to 15 ref moazz 8 to 16 | VuAnswers.com |
| swer (Please select your correct option) 8 to 14 8 to 15 ref moazz 8 to 16 | VuAnswers.com |
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| 8 to 14 8 to 15 ref moazz 8 to 16 8 to 17 | VuAnswers.com Made by: Wagar Siddhu |
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| 8 to 14 8 to 15 ref moazz 8 to 16 8 to 17 | |
| 8 to 14 8 to 15 ref moazz 8 to 16 8 to 17 | |
| 8 to 14 8 to 15 ref moazz 8 to 16 8 to 17 | Made by: Magar Siddhu |

| stion No : 40 of 52 | Marks: 1 (Budgeted Time 1 Min) |
|---|---|
| ase of deleting a node from AVL tree, rotation can expand to the node. | |
| | |
| | |
| wer (Please select your correct option) | VuAnswers.com |
| Leaf | |
| | |
| (Root) p 262 | |
| Left | |
| | |
| Right | Made by: Waqar Siddhu |
| estion No : 41 of 52 | Marks: 2 (Budgeted Time 4 Min) |
| or a perfect binary tree of height 5, What will be the sum of heights of nodes? | |
| | |
| | |
| iswer(Please <u>click here</u> to Add Answer) | VuAnswers.com |
| Image: Second state Image: Second state | |
| | |
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| estion No : 42 of 52 | Made by: Wagar Siddhu Marks: 2 (Budgeted Time 4 Min) |
| j iestion No : 42 of 52 What are postfix expressions? | |
| | |
| What are postfix expressions? | Marks: 2 (Budgeted Time 4 Min) |
| What are postfix expressions? swer (Please <u>click here</u> to Add Answer) | |
| What are postfix expressions? | Marks: 2 (Budgeted Time 4 Min) |
| What are postfix expressions? swer (Please <u>click here</u> to Add Answer) See 20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | Marks: 2 (Budgeted Time 4 Min) |
| What are postfix expressions? | Marks: 2 (Budgeted Time 4 Min) |
| nswer (Please <u>click here</u> to Add Answer) 다 같은 문 같은 [100% 모] | Marks: 2 (Budgeted Time 4 Min) |
| What are postfix expressions? swer (Please <u>click here</u> to Add Answer) See 20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | Marks: 2 (Budgeted Time 4 Min) |
| What are postfix expressions? swer (Please <u>click here</u> to Add Answer) See 20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | Marks: 2 (Budgeted Time 4 Min) |
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| What are postfix expressions? | Marks: 2 (Budgeted Time 4 Min) |
| What are postfix expressions? swer (Please <u>click here</u> to Add Answer) See 20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | Marks: 2 (Budgeted Time 4 Min) |
| What are postfix expressions? swer (Please <u>click here</u> to Add Answer) | Marks: 2 (Budgeted Time 4 Min) |
| What are postfix expressions? awer (Please <u>click here</u> to Add Answer) 같 같 같 같 같 같 같 같 같 같 같 같 같 같 같 같 같 같 같 | Marks: 2 (Budgeted Time 4 Min) |
| What are postfix expressions? swer (Please <u>click here</u> to Add Answer) | Marks: 2 (Budgeted Time 4 Min) |

| uestion No : 43 of 52 | Marks: 2 (Budgeted Time 4 Min |
|---|---|
| Five any two important characteristics of skip list. | |
| | |
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| nswer (Please <u>click here</u> to Add Answer) | VuAnswers.com |
| ▶ 22 日本 (Aris) (Aris | |
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| d | Made by: Waqar Siddh |
| uestion No : 44 of 52 | Marks: 2 (Budgeted Time 4 Min |
| n array representation of Union operation , what does "-1" represent on a particular index? | |
| | |
| | |
| nswer (Please <u>click here</u> to Add Answer) | VuAnswers.com |
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| Normal 文 Ariai 文 12 文 B / U 臣言言曰 告告律律 | |
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| | Made by: Magar Siddh |
| uestion No : 45 of 52 | Made by: Wagar Siddh Marks: 3 (Budgeted Time 6 Min |
| r] uestion No : 45 of 52 Which implementation of disjoint set is better with respect to space and why? | |
| | |
| | |
| | |
| Which implementation of disjoint set is better with respect to space and why? | Marks: 3 (Budgeted Time 6 Min |
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| For | More | Visit | VU | Answer |
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| Question No : 46 of 52 | Marks: 3 (Budgeted Time 6 Min) |
|--|---|
| The following array represents a heap structure. | |
| 1 2 3 4 5 6 7 8 9 10 11 12 97 76 61 42 54 59 31 23 17 44 49 | |
| Insert a new value 86 into the heap. Show the resultant heap, after insertion, in the form of array | |
| Answer (Please <u>click here</u> to Add Answer) | VuAnswers.com |
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| I Question No : 47 of 52 | Made by: Waqar Siddhu Marks: 3 (Budgeted Time 6 Min) |
| Here is an array of ten integers: 3 5 9 8 1 7 0 2 6 4 Draw this array after the FIRST iteration of main loop in selection sort algorithm (sorting from smallest to lar | gest). |
| Answer (Please <u>click here</u> to Add Answer) | VuAnswers.com |
| Normal Y Arial Y 12 Y B Z U E E E F F | |
| | _ Made by: Waqar Siddhu |
| Question No : 48 of 52 | Marks: 3 (Budgeted Time 6 Min) |
| For time-based simulation model for bank system, below is the pseudo code of routine of the clock. clock = 0; while (clock <= 24*60) (// one day read new customer, if customer arrivaltime == clock Answer (Please click here to Add Answer) | VuAnswers.com |
| | |
| Normal Y Arial Y 12 Y B I U I I I I I I I I I I I I I I I I I | Made by: Waqar Siddhu |

| | Marks: 5 (Budgeted Time 10 Min) |
|---|--|
| is an array with exactly 15 elements: | |
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15. ose that we are doing a binary search for an element. Indicate any elements that will be fo | ound by evamining two or fetter numbers from the array |
| ose una we are doing a omary search for an element, inducate any elements that will be re | Jund by examining two of rewer numbers none in an ay. |
| | |
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| er(Please <u>click here</u> to Add Answer) | VuAnswers.com |
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| | Made has & Barren Ciddh |
| | Made by: Waqar Siddhu |
| ion No : 50 of 52 | Marks: 5 (Budgeted Time 10 Min) |
| | |
| is an array of ten integers: | |
| 5389170264 | |
| the array by using selection sort algorithm and show content of array after each step. | |
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| er (Please <u>click here</u> to Add Answer) | VuAnswers.com |
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| | Made by: Waqar Siddh |
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| uestion No : 51 of 52 | Marks: 5 (Budgeted Time 10 Mir |
|--|---|
| Trite a public method for Linked List class called remove_first() that removes the first element | of linked list |
| iswer (Please <u>click here</u> to Add Answer) | VuAnswers.com |
| C C C C C C C C C C C C C C C C C C C | |
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| estion No : 52 of 52 | Made by: Waqar Siddh Marks: 5 (Budgeted Time 10 Mir |
| | Marks: 5 (Budgeted Time 10 Min |
| pply BuildHeap method on the elements of following array (reading from left to right) to convert th | Marks: 5 (Budgeted Time 10 Min |
| oply BuildHeap method on the elements of following array (reading from left to right) to convert the riginal array 6 5 3 9 1 2 10 8 - | Marks: 5 (Budgeted Time 10 Min |
| pply BuildHeap method on the elements of following array (reading from left to right) to convert the virginal array 6 5 3 9 1 2 10 8 - Teapified array 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Marks: 5 (Budgeted Time 10 Min |
| pply BuildHeap method on the elements of following array (reading from left to right) to convert the original array 6 5 3 9 1 2 10 8 | Marks: 5 (Budgeted Time 10 Min nem into a Min Heap. Show its contents in the form of array as shown below, |
| Heapified array | Marks: 5 (Budgeted Time 10 Min nem into a Min Heap. Show its contents in the form of array as shown below, |