Name:			UPE	S				
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Course Cod Time: 02:30 Programme	End Seme sign & Analysis le: CSEG 2003 -04:30 PM : B.TECH (CSE	ster/Supp of Algorithr	lementary		ENERGY S N) Examina	STUDIES tion, July 20 Semester: Max. Mark	IV	
Instructions	<u>s:</u>							
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 1. N sou	/ultiple Choice ır	ə: Q1.: Su	ppose we	run Dijkstr	a's single		Points:	2
	Question	edge weigl	hted directed	graph with v	ertex P as the	e source. In w	n on the following hat order do the path distances are	

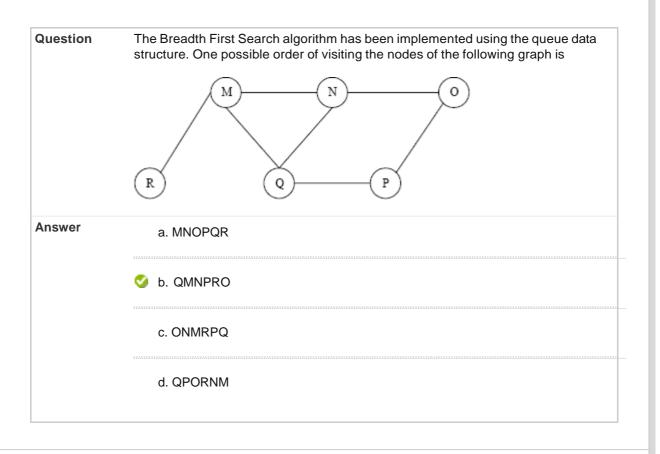
	a. P,Q,R,S,T,U
	S. P,Q,R,U,S,T
	c. P,Q,R,U,T,S
	d. P,Q,T,R,U,S
lultiple Cho	Point: ice: Q2.: A networking company uses a
npressi	ice. wz A networking company uses a
Question	A networking company uses a compression technique to encode the message before transmitting over the network. Suppose the message contains the following characters with their frequency:
	Char. Freq.
	a 5
	b 9
	c 12
	d 13 e 16
	f 45
	Each character in input message takes 1 byte. If the compression technique used is Huffman Coding, how many bits will be saved in the message?
Answer	a. 224
	b. 800
	Sec. 556
	d. 324
	Point
lultiple Che	$i_{\alpha\alpha}$, $\alpha\beta$, The minimum number of record
Iultiple Cho 	ice: Q3.: The minimum number of record
	ice: Q3.: The minimum number of record The minimum number of record movements required to merge five files A (with records), B (with 20 records), C (with 16 records), D (with 5 records) and E (with 2 records) is:

	S b. 157
	c. 73
	d. 79
∃ 4. Multiple Ch	oice: Q4.: In the given graph: Identi
Question	In the given graph:
	Identify the shortest path having minimum cost to reach vertex 'e' if 'a' is the source vertex.
Answer	a. a-b-e
	S b. a-c-e
	c. a-c-d-e
	d. a-c-d-b-e
5. Multiple Cho bina	Point: ice: Q5.: What is the minimum height for a

		L
Answer	a. 1	
	b. 3	

	c. 4
	S d. 2
\Box	Points: 2

6. Multiple Choice: Q6.: The Breadth First Search algorithm ha...



7. Multiple Choice: Q7.: Let G be an undirected graph. Conside...

Let G be an undirected graph. Consider a depth-first traversal of G, and let T be the resulting depth-first search tree. Let u be a vertex in G and let v be the first new (unvisited) vertex visited after visiting u in the traversal. Which of the following statements is always true?
a. $\{u,v\}$ must be an edge in G, and u is a descendant of v in T
b. $\{u,v\}$ must be an edge in G, and v is a descendant of u in T
S c. If {u,v} is not an edge in G then u is a leaf in T
d. If $\{u,v\}$ is not an edge in G then u and v must have the same parent in T

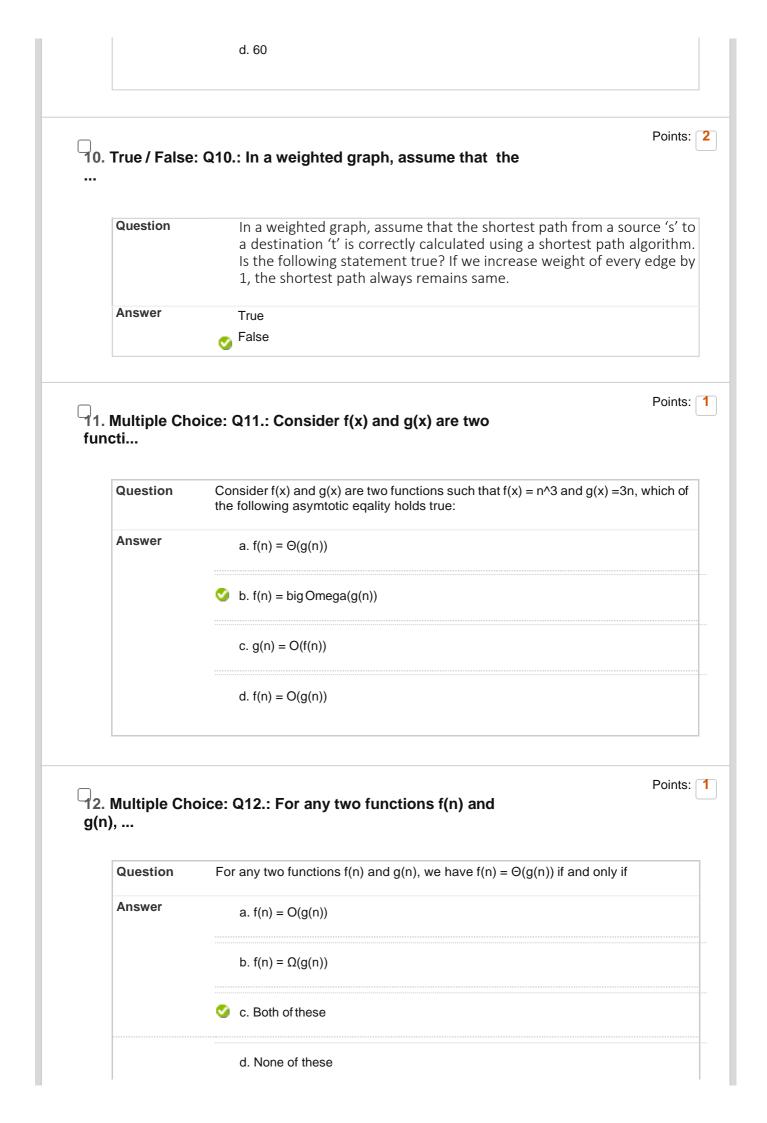
8. Multiple Choice: Q8.: An automobile company has a sequence ...

Question	An automobile company has a sequence of jobs to perform. The jobs are named as (1, 2, 3, 4, 5, 6) and the associated profit of these jobs are (35, 20, 18, 16, 30). A penalty is also associated with these jobs if not get within the deadline. The deadline of these jobs are (1, 3, 4, 3, 2, 1, 2). Job assignment is done using Greedy strategy and penalty cost of the jobs left. Assume that the penalty if misses the deadline is 10/job. Which is the correct assignment and penalty cost?
Answer	a. (1,5,6) and 30
	🧭 b. (7,6,4,3) and 20
	c. (2,1,7) and 40
	d. (1,3) and 40

9. Multiple Choice: Q9.: Consider the weights and values of it...

Question		he weights an Init of each ite		s listed below. Note that there is
	S. No.	Weight	Value	1
	1	10	60	
	2	7	28	
	3	4	20]
	4	2	24	
	weight rat the first it	tios in descend tem in the ord	ding order and p dered list. The t	sorts the items by their value-to backs them greedily, starting from total value of items picked by th . The value of V _{OPt} – Vgreedy is:
Answer	ダ a. 16			
	b. 8			
	2001201201201201201201201201201201201201			

Points: 2



$ \ \ \ \ \ \ \ \ \ \ \ \ \ $	13. Multiple	Choice: Q13.:	Which of the	following is	true?
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Question	Which of the following is true?
Answer	a. A graph may contain no edges and many vertices
	b. A graph may contain no edges and no vertices
	🤡 c. A graph may contain many edges and no vertices
	d. A graph may contain no vertices and many edges
Multiple Ch ices	Poin oice: Q14.: For a given graph G having v
Question	For a given graph G having v vertices and e edges which is connected and has r cycles, which of the following statements is true?
Answer	a. v=e
	b. v + 1 = e
	b. v + 1 = e c. v = e-1
Multiple Ch	c. v = e-1 ✓ d. v = e+1
Multiple Ch Question	c. v = e-1 d. v = e+1 Poin
	c. v = e-1 ✓ d. v = e+1 Poin noice: Q15.: A graph with all vertices havin
Question	c. v = e-1 ✓ d. v = e+1 Poin Noice: Q15.: A graph with all vertices havin A graph with all vertices having equal degree is known as a

Multiple Ch ıs	oice: Q16.: Which of the following ways can
Question	Which of the following ways can be used to represent a graph?
Answer	a. No way to represent
	b. Incidence Matrix
	S c. Adjacency List, Adjacency Matrix as well as Incidence Matrix
	d. Adjacency List and Adjacency Matrix
Multiple Ch	oice: Q17.: The number of elements in the
Question	
	oice: Q17.: The number of elements in the
Question	oice: Q17.: The number of elements in the The number of elements in the adjacency matrix of a graph having 7 vertices
Question	oice: Q17.: The number of elements in the The number of elements in the adjacency matrix of a graph having 7 vertices a. 14
Question	oice: Q17.: The number of elements in the The number of elements in the adjacency matrix of a graph having 7 vertices a. 14 Solution b. 49
Question	oice: Q17.: The number of elements in the The number of elements in the adjacency matrix of a graph having 7 vertices a. 14 Solution b. 49 c. 36
Question Answer Multiple Ch	oice: Q17.: The number of elements in the The number of elements in the adjacency matrix of a graph having 7 vertices a. 14 a. 14 b. 49 c. 36 d. 7

Multiple Ch i	oice: Q19.: Which of the following algorithm	Poir
Question	Which of the following algorithm design technique is used in the quick sort algorithm?	
Answer	🧭 a. Divide-and-conquer	
	b. Backtracking	
	c. Dynamic programming	
Multiple Ch	d. Greedy method	Poi
n	oice: Q20.: Time complexity of counting sort	Poi
		Poir
n Question	noice: Q20.: Time complexity of counting sort	Poir
n Question	noice: Q20.: Time complexity of counting sort Time complexity of counting sort is a. Linear	Poi
n Question	boice: Q20.: Time complexity of counting sort Time complexity of counting sort is a. Linear b. Quadratic 	Poir

Answer	a. The maximum number of colors required for proper edge coloring of graph
	b. The minimum number of colors required for proper vertex coloring of graph
	c. The maximum number of colors required for proper vertex coloring of graph
	d. The minimum number of colors required for proper edge coloring of graph
\Box	Points: 1

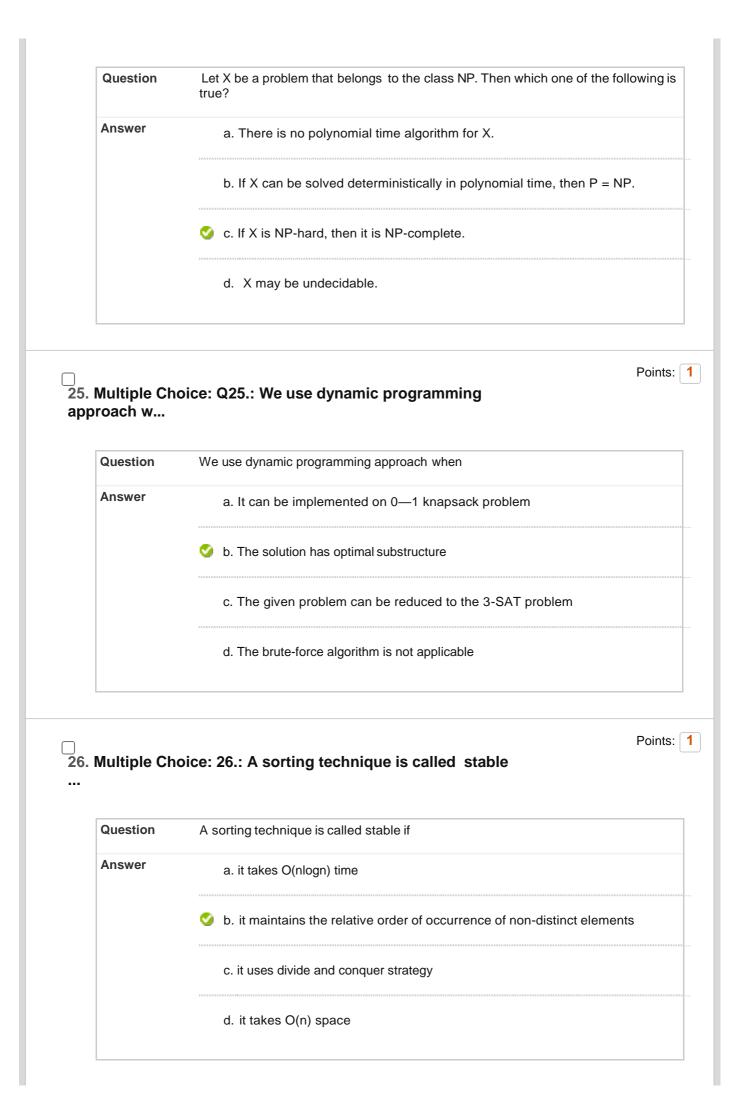
22. Multiple Choice: Q22.: Class of graph coloring problem is&nb...

Question	Class of graph coloring problem is
Answer	a. P
	b. NP
	c. NP hard
	🥝 d. NPComplete

23. Multiple Choice: Q23.: Which data structure will be used for...

Question	Which data structure will be used for implementation of LC branch and bound
Answer	a. Array
	b. Stack
	c. Queue
	🔮 d. PriorityQueue

Points: 1



27. Multiple Choice: 27.: The median of n elements can be found...

Question	The median of n elements can be found in O(n) time. Which one of the following is correct about the complexity of quick sort, in which remains is selected as pivot?
Answer	a. Theta(n)
	🤡 b. Theta(n logn)
	c. Theta (n^2)
	d. Theta (n^3)

Points: 1

Points: 1

Points: 1

28. Multiple Choice: Q28.: Select the correct recursive fo...

Question	Select the correct recursive formulation for Fibonacci series.(n>=1)
Answer	a. F(n) = F(n+1) + F(n+2)
	b. $F(n) = F(n) + F(n+1)$
	 ✓ c. F(n) = F(n-1) + F(n-2)
	d. $F(n) = F(n-1) - F(n-2)$

29. Multiple Choice: Q29.: Given a one-dimensional array of inte...

Question	Given a one-dimensional array of integers, you have to find a sub-array with maximum sum. This is the maximum sub-array sum problem. Which of these methods can be used to solve the problem?
Answer	a. Dynamic programming
	b. Two for loops (naive method)
	c. Divide and conquer

Question	What is the time complexity of Huffman Coding?
Answer	a. O(n)
	S b. O(nlogn)
	c. O(n^2)
	d. None of these
Multiple Ch	Poi
Multiple Ch √n) + Question	oice: Q31.: Solve the recurrence T(n) = Solve the recurrence T(n) = $3T(\sqrt{n}) + \log n$ by making a change of variables. Yo
√n) +	oice: Q31.: Solve the recurrence T(n) =
√n) + Question	oice: Q31.: Solve the recurrence $T(n) =$ Solve the recurrence $T(n) = 3T(\sqrt{n}) + \log n$ by making a change of variables. Yo solution should be asymptotically tight.
√n) + Question	 oice: Q31.: Solve the recurrence T(n) = Solve the recurrence T(n) = 3T(√n) + log n by making a change of variables. Yo solution should be asymptotically tight. a. As does not fit with master theorem, cann't be solved
√n) + Question	 oice: Q31.: Solve the recurrence T(n) = Solve the recurrence T(n) = 3T(√n) + log n by making a change of variables. Yo solution should be asymptotically tight. a. As does not fit with master theorem, cann't be solved Solve b. Θ((log n) ^ log3)
√n) + Question Answer	oice: Q31.: Solve the recurrence $T(n) =$ Solve the recurrence $T(n) = 3T(\sqrt{n}) + \log n$ by making a change of variables. Yo solution should be asymptotically tight. a. As does not fit with master theorem, cann't be solved \bigcirc b. $\Theta((\log n) \wedge \log 3)$ c. Θ (log n), assume log base 2.

{ int i=0, j=0; for (; i <n)<br="" ++i="" ;="">while (j < n && arr[i] < arr[j]) i++; } The time complexity of the given code snippet is:</n>
for (; i <n)<br="" ++i="" ;="">while (j < n && arr[i] < arr[j]) ++;</n>
while (j < n && arr[i] < arr[j]) ++; }
++; }
}
} The time complexity of the given code snippet is:
The time complexity of the given code snippet is:
a. O(logn)
S b. O(n)
c. O(n^2)
d. O(nlogn)

3. Multiple C	Choice: Q33.: int f(int n) {	Points:
Question	int f(int n)	
	{	
	if(n <= 1)	
	return 1;	
	if(n%2 == 0)	
	return f(n/2);	
	return $f(n/2) + f(n/2+1);$	
	}	
	int main()	
	{	
	printf("%d", f(10));	
	return 0;	
	}	
	What is the output of this recursive function call.	
Answer	a. 5	
	b. 4	100100100100100100100100100
	© c. 3	

Multiple Ch	Points oice: Q34.: The recurrence relation T(n) =
Question	The recurrence relation $T(n) = 2T(n-1) + a$, $T(0) = b$ where a and bare some constants is having equivalent asymtotic notation:
Answer	a. O(n * 2^n)
	b. O(n^2)
	c. O(n^2 * 2^n)
Multiple Ch plex Question	oice: Q35.: Select the correct asymptotic Select the correct asymptotic complexity of an algorithm with runtime T(n, n) when
plex Question	Points
plex	Points oice: Q35.: Select the correct asymptotic Select the correct asymptotic complexity of an algorithm with runtime T(n, n) when
plex Question	Points oice: Q35.: Select the correct asymptotic Select the correct asymptotic complexity of an algorithm with runtime T(n, n) when $T(x, c) = \Theta(x)$ for $c \le 2$, $T(c, y) = \Theta(y)$ for $c \le 2$, and $T(x, y) = \Theta(x+y) + T(x/2, y/2)$
plex Question	Points oice: Q35.: Select the correct asymptotic Select the correct asymptotic complexity of an algorithm with runtime T(n, n) when $T(x, c) = \Theta(x)$ for $c \le 2$, $T(c, y) = \Theta(y)$ for $c \le 2$, and $T(x, y) = \Theta(x+y) + T(x/2, y/2)$ a. $\Theta(nLogn)$
plex Question	Points oice: Q35.: Select the correct asymptotic Select the correct asymptotic complexity of an algorithm with runtime T(n, n) wher $T(x, c) = \Theta(x)$ for $c \le 2$, $T(c, y) = \Theta(y)$ for $c \le 2$, and $T(x, y) = \Theta(x+y) + T(x/2, y/2)$ a. $\Theta(nLogn)$ b. $\Theta(n^2Logn)$

	S. 1/n, √n, log 2n, log n2, n2, n!
	d. √n, 1/n, n!, log 2n, log n2, n2
Multiple Cr	Poir noice: Q37.: Recurrence relation for fibonacci
Question	Recurrence relation for fibonacci problem is
Answer	✓ a. T(n)=T(n-1)+T(n-2)
	b. T(n)=T(n/2)+ log n
	c. T(n)=2T(n/2) + n^2
	d. T(n)=T(n-1) +n
-	Poir noice: Q38.: Let T(n) be the total number of
-	noice: Q38.: Let T(n) be the total number of
ar	Let T(n) be the total number of binary sequence of length n. Which of the following correctly depict the equivalent recurrence relation for T(n). a. T(n)=T(n-1) * T(n-2), n>2 and T(2) =1, T(1) =1
ar Question	Let T(n) be the total number of binary sequence of length n. Which of the followin correctly depict the equivalent recurrence relation for T(n).
ar Question	Let T(n) be the total number of binary sequence of length n. Which of the followin correctly depict the equivalent recurrence relation for T(n). a. T(n)=T(n-1) * T(n-2), n>2 and T(2) =1 , T(1) =1

39. Multiple Choice: Q39.: The given recurrence relation is T(n)...

Question	The given recurrence relation is $T(n)=2T(n-2)-15$; $T(2)=40$ and $T(1)=40$. The mean of $T(0)$ and $T(3)$ be
Answer	a. 60
	 b. 46.25
	c. 120
	d. 32.5

40. Multiple Choice: Q40.: For the given pseudo code snippet, fi...

QuestionFor the given pseudo code snippet, find the recurrence relation.A()
{
if (n>1)
return A(n-1)
}.Answera. T(n) = 1 + T(n-2) \bigotimes b. T(n) = 1 + T(n-1)
c. T(n) = 1 + T(n/2)d. T(n) = T(n-1)

Points: 2

Points: 2

41. Multiple Choice: Q41.: What is the optimal profit for the fo...

Question	What is the optimal profit for the following instance of 0/1 knapsack problem usiing dynamic programming; Items: { Apple, Orange, Banana, Melon }, Weight: { 2, 3, 1, 4 }, Profit: { 4, 5, 3, 7 }, Knapsack capacity: 5
Answer	a. 10
	🥝 b. 11

c. 12

d. 9

42. Multiple Choice: Q42.: Explicit constraint for 8 queen probl...

Question	Explicit constraint for 8 queen problem is
Answer	a. {1,2,3,4}
	✓ b. {1,2,3,4,5,6,7,8}
	c. {1,1,1,1,0,0,0,0}
	d. {1,0,1,0,1,0,1,0}

Points: 2

Points: 2

Points: 2

43. Multiple Choice: Q43.: What is the chromatic number of a gra...

What is the chromatic number of a graph having n isolated vertices
a. 0
🔮 b. 1
c. n
d. n+1

44. Multiple Choice: Q44.: Quicksort is running on two inputs sh...

Question

	Quicksort is running on two inputs shown below to sort in acsending order
	(i) 1,2,3 n
	(ii) n, n-1, n-2, , 2, 1
	Let C1 and C2 be the number of comparisons made for the inputs (i) and (ii) respectivey. Then,
Answer	a. C1 <c2< td=""></c2<>
	b. C1>C2
	✓ c. C1=C2
	d. It cannot be defined due to arbitratory value of "n"
lultiple Ch	Poir oice: 45.: If one uses straight two-way merge
Question	If one uses straight two-way merge sort algorithm to sort the folowing elements ascending order:
	24, 47, 15, 8, 9, 4, 40, 30, 12, 17
	then the order of these elements after second pass of the algorithms is
Answer	a. 8,9,15,20,47,4,12,17,30,40
Answer	a. 8,9,15,20,47,4,12,17,30,40 ✓ b. 8,15,20,47,4,9,30,40,12,17
Answer	
Answer	S b. 8,15,20,47,4,9,30,40,12,17
	 b. 8,15,20,47,4,9,30,40,12,17 c. 15, 20, 47,4,8,9,12,30,40,17 d. 4,8,9,15,20,47,12,17,30,40
Multiple Ch	 b. 8,15,20,47,4,9,30,40,12,17 c. 15, 20, 47,4,8,9,12,30,40,17 d. 4,8,9,15,20,47,12,17,30,40
	 b. 8,15,20,47,4,9,30,40,12,17 c. 15, 20, 47,4,8,9,12,30,40,17 d. 4,8,9,15,20,47,12,17,30,40
Aultiple Ch gers Question	 b. 8,15,20,47,4,9,30,40,12,17 c. 15, 20, 47,4,8,9,12,30,40,17 d. 4,8,9,15,20,47,12,17,30,40 Poi oice: Q46.: Let s be a sorted array of n Let s be a sorted array of n integers. Let t(n) denote the time taken for the mose efficient algorithm to determine if there are two elements with sum less than 100
Multiple Ch gers	 b. 8,15,20,47,4,9,30,40,12,17 c. 15, 20, 47,4,8,9,12,30,40,17 d. 4,8,9,15,20,47,12,17,30,40 Poi oice: Q46.: Let s be a sorted array of n Let s be a sorted array of n integers. Let t(n) denote the time taken for the most efficient algorithm to determine if there are two elements with sum less than 100 in s. Which of the following statements is true?

c. m

d. none of above

Points: 2

Points: 2

47. Multiple Choice: Q47.: In the following C function, let n&g...

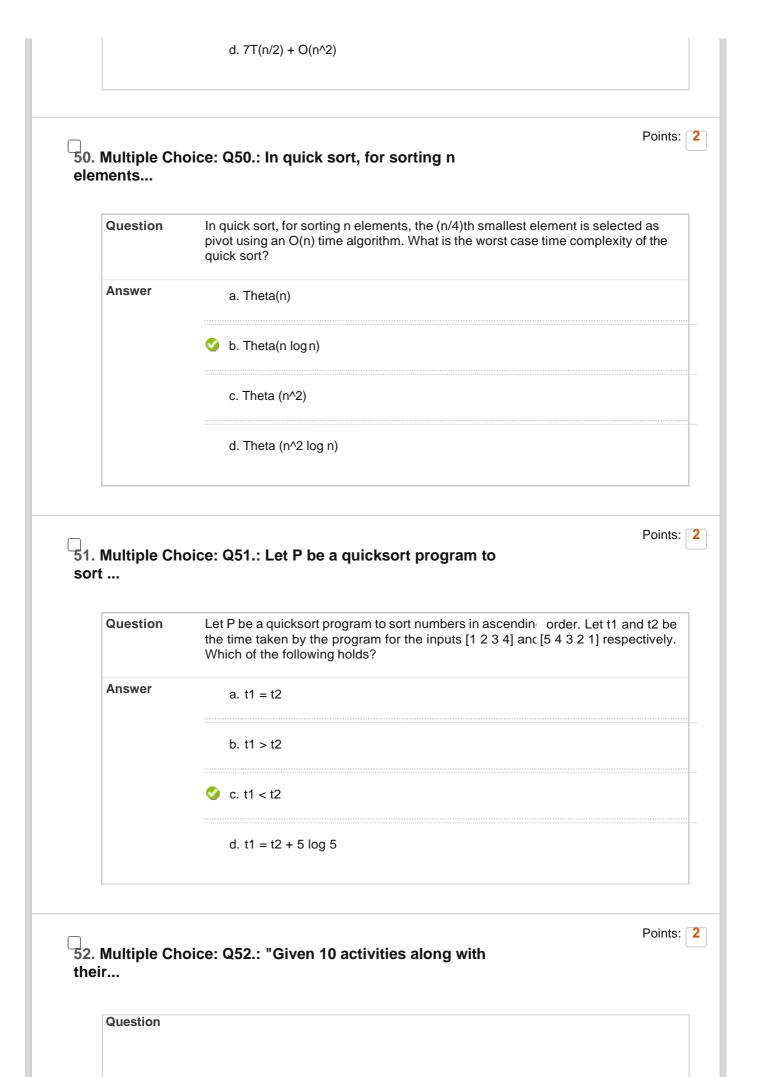
Question	In the following C function,
	let n>=m.
	int gcd(n, m)
	{
	if (n%m==0)
	return m;
	n=n%m;
	return gcd (m,n);
	}
	How many recursive calls are made by this function?
Answer	🤡 a. Theta(logn)
	b. Omega (n)
	c. Theta(log log n)
	d. Theta (n^(1/2))

48. Multiple Choice: Q48.: What will be the space complexity of ...

Question

	What will be the space complexity of the following code?
	#include <stdio.h></stdio.h>
	int power(int x, int y)
	{
	if (y == 0)
	return 1;
	else if (y%2 == 0)
	return power(x, y/2)*power(x, y/2);
	else
	return x*power(x, y/2)*power(x, y/2);
	}
	int main()
	{
	int x = 2;
	int y = 3;
	printf("%d", power(x, y));
	return 0;
	}
Answer	🔮 a. O(1)
	b. O(n)
	c. O(n^2)
	d. O(nlogn)
	Poir
Multiple Ch	oice: Q49.: Which of the following recurrence
Question	Which of the following recurrence relation Strassen's multiplication applies?
Answer	✓ a. 7T(n/2) + Theta(n^2)
	b. 8T(n/2) + Theta(n^2)

c. 8T(n/2) + O(n^2)



	A5, A6, A7, A8, A9, A10), Si = $(1,2,3,4,7,8,9,9,11,12)$, fi = $(3,5,4,7,10,9,11,13,12,14)$, Compute a schedule where the greatest number of activities takes place."
Answer	a. (A1, A3, A4, A7, A9, A6, A10)
	🔮 b. (A1, A3, A4, A6, A7, A9, A10)
	c. (A1, A8, A7, A4, A6, A10)
	d. (A1, A8, A5, A4, A6,A3, A10)
/lultiple Ch	Pointa oice: Q53.: Find the optimal activity schedule
Multiple Ch	Points oice: Q53.: Find the optimal activity schedule Find the optimal activity schedule for the following task with given weight (wi) (penalties) and deadlines (di) for a uniprocessor machine using greedy approach Tasks: (T1, T2, T3, T4, T5, T6, T7), di = (4,2,4,3,1,4,6), wi = (70,60,50,40,30,20,10)
	oice: Q53.: Find the optimal activity schedule Find the optimal activity schedule for the following task with given weight (wi) (penalties) and deadlines (di) for a uniprocessor machine using greedy approach.
Question	oice: Q53.: Find the optimal activity schedule Find the optimal activity schedule for the following task with given weight (wi) (penalties) and deadlines (di) for a uniprocessor machine using greedy approach Tasks: (T1, T2, T3, T4, T5, T6, T7), di = (4,2,4,3,1,4,6), wi = (70,60,50,40,30,20,10)
Question	oice: Q53.: Find the optimal activity schedule Find the optimal activity schedule for the following task with given weight (wi) (penalties) and deadlines (di) for a uniprocessor machine using greedy approach Tasks: (T1, T2, T3, T4, T5, T6, T7), di = (4,2,4,3,1,4,6), wi = (70,60,50,40,30,20,10) ✓ a. 2413756

54. Multiple Choice: Q54.: Given items as {profi,weight} pairs {...

Question	Given items as {profi,weight} pairs {{40,20},{30,10},{20,5}}. The capacity of knapsack=20. Find the maximum value output assuming items to be divisible
Answer	S a. 60
	b. 80
	c. 100
	d. 120

Points:		
Question	Suppose we are sorting an array of eight integers using quicksort, and we have just finished the first partitioning with the array looking like this: [2, 5, 1, 7, 9, 12, 11, 10] then Which statement is correct?	
Answer	a. The pivot could be the 7, but it is not the 9	
	b. The pivot is not the 7, but it could be the 9	
	Solution 2 \circ c. The pivot could be either the 7 or the 9	
	d. Neither the 7 nor the 9 is the pivot	
Multiple Ch ract	Points	
ract	oice: Q56.: How many times the insert and How many times the insert and extract min operations are invoked per vertex in	
Question	oice: Q56.: How many times the insert and How many times the insert and extract min operations are invoked per vertex in Dijkstra's algorithm?	
Question	oice: Q56.: How many times the insert and How many times the insert and extract min operations are invoked per vertex in Dijkstra's algorithm? Image: Comparison of the insert and extract min operations are invoked per vertex in Dijkstra's algorithm?	
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Question Answer	oice: Q56.: How many times the insert and How many times the insert and extract min operations are invoked per vertex in Dijkstra's algorithm? Image: Comparison of the insert and extract min operations are invoked per vertex in Dijkstra's algorithm? Image: Comparison of the insert and extract min operations are invoked per vertex in Dijkstra's algorithm? Image: Comparison of the insert and extract min operations are invoked per vertex in Dijkstra's algorithm? Image: Comparison of the insert and extract min operations are invoked per vertex in Dijkstra's algorithm? Image: Comparison of the insert and extract min operations are invoked per vertex in Dijkstra's algorithm? Image: Comparison of the insert and extract min operations are invoked per vertex in Dijkstra's algorithm? Image: Comparison of the insert and extract min operations are invoked per vertex in Dijkstra's algorithm? Image: Comparison of the insert and extract min operations are invoked per vertex in Dijkstra's algorithm? Image: Comparison of the insert and extract min operations are invoked per vertex in Dijkstra's algorithm? Image: Comparison of the insert and extract min operations are invoked per vertex in Dijkstra's algorithm? Image: Comparison of the insert and extract min operations are invoked per vertex in Dijkstra's algorithm? Image: Comparison of the insert and extract min operations are invoked per vertex in Dijkstra's algorithm? Image: Comparison of the insert and extract min operation algorithe insert and extract min operation algorithm?<	

Answer	a. Θ(n^2L

_ogn)

	Sec. Θ(n^3)	
	d. Θ(n^3Logn)	
		Poi
Multiple Ch ng	oice: Q58.: Knapsack problem can be solved	
Question	Knapsack problem can be solved using	
Answer	a. Greedy approach	
	b. Dynamic Programming Approach	
	c. Backtracking Approach	
	d. All of the above	
Multiple Ch	ojce: Q59.: Dijkastra algorthm gives correct	Poi
Multiple Ch u	noice: Q59.: Dijkastra algorthm gives correct	Poi
u	boice: Q59.: Dijkastra algorthm gives correct Dijkastra algorthm gives correct result when Solution: Solution of all edges are positive	Poi
u Question	Dijkastra algorthm gives correct result when	Poi
u Question	Dijkastra algorthm gives correct result when Image: Second state of all edges are positive	Poi
u Question	Dijkastra algorthm gives correct result when a. Cost of all edges are positive b. Cost of all edges are negative	
u Question	Dijkastra algorthm gives correct result when a. Cost of all edges are positive b. Cost of all edges are negative c. Cost of edges can be positive or negative	
u Question Answer	Dijkastra algorthm gives correct result when a. Cost of all edges are positive b. Cost of all edges are negative c. Cost of edges can be positive or negative	Poi

	Bellman ford algorithm gives correct result
Answer	a. Cost of all edges are positive
	b. Cost of all edges are negative
	c. Cost of edges can be positive or negative
	d. None of these
Select: <u>All</u> N	one Select by Type: - Question Type - Regrade Points Update and Regrade Hide Question Details
	← OK