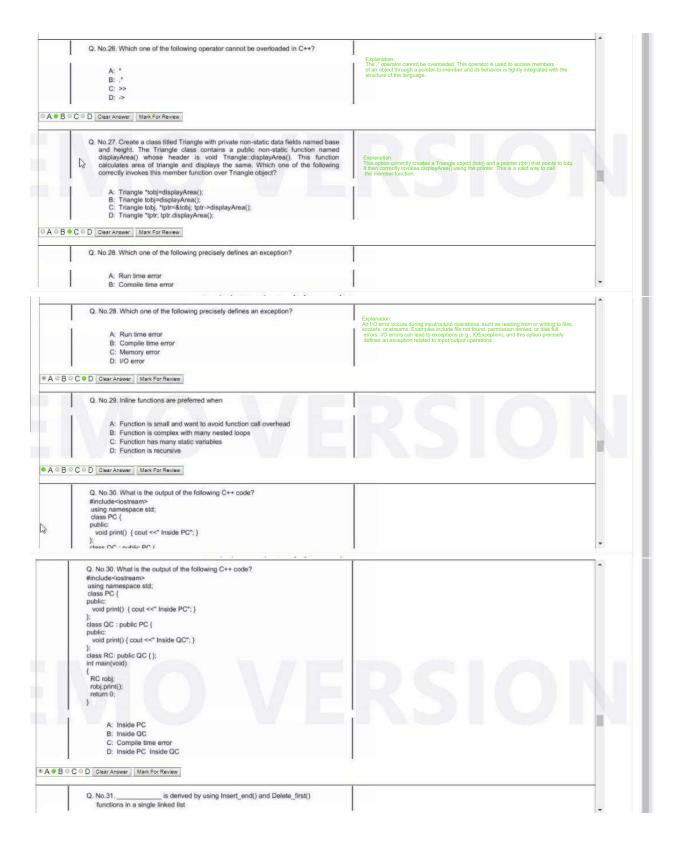


10020202000 leniewi o	CCA1-201/	05330H 14.9020	
	No 20. What data structure is used for breadth first traversal of a graph? A: queue	Explanation: When performing breadth-first traversal (also known as level-order traversal) of a graph, we use a queue data structure to keep track of the nodes to visit next. The queue ensures that we process nodes in the order they were encountered at each level of the graph.	•
	B: stack C: list D: none of the above	The queue ensures that we process nodes in the order they were encountered at each level of the graph.	
-A@B@	C O D Clear Answer Mark For Review		
	Q. No.21. Height balanced binary search tree is	Explanation:	
	A: AVL tree B: Red-black tree C: Lemms tree D: Binary tree	An AVL tree (Adelson-Velsky and Landis tree) is a self-balancing binary search tree where the height difference between the left and right subtrees of any node is at most 1.	
• A © B ©	C © D Clear Answer Mark For Review		NA.
	Q. No.22. Binding of data members and member functions into a single unit is called as	Explanation:	
	A: Inheritance B: Polymorphism C: Encapsulation D: Genericity	Encapsulation refers to the bundling of data (attributes) and methods (functions) that operate on that data into a single unit (usually a class or object).	
OAOB•	C D Clear Answer Mark For Review		
	Q. No. 23. Keywords are of the programming language		-
	Examination Instruction Download Respons	e Sheet	
	Q. No.22. Binding of data members and member functions into a single unit is ca	illed	^
	as		
3	A: Inheritance		
	B: Polymorphism C: Encapsulation		
	D: Genericity		
⊚ A ⊚ B ●	C D Clear Answer Mark For Review		
	Q. No.23. Keywords are of the programming language		
	A: Constants B: Identifiers C: Reserved words	Explanation: reserved words (also known as keywords) have predefined meanings and cannot be used for other purposes, such as naming variables or functions. They form the basic building blocks of a program's syntax.	=
	D: Literals		
0 A 0 B	C D Clear Answer Mark For Review		
	Q. No.24. Members of C++ class are by default		
	A: private B: public		
	C: protected D: shared		
	D. Shared	I.	•
-	Q. No.24. Members of C++ class are by default		*
19	A: private	Explanation:	
	B: public	In C++, class members (such as variables and functions) have different access levels. By default: Public members are accessible from outside the class.	
	C: protected D: shared	Private members are only accessible within the class itself. Protected members are accessible within the class and its derived classes	
⊕ A • B ©	C D Clear Answer UnMark	T.	
	Q. No.25. If Triangle class is derived from Shape class, which one of the followin	a is	
	appropriate way of defining constructor in Triangle class	Explanation: This means that the Triangle constructor takes two parameters, a and b. It initiatizes the Shape part of Triangle using Shape(a). This is the correct syntax for initiatizing a base class constructor.	
	A: Triangle(int a,int b):Shape(a) {} B: Shape(int a,int b):Triangle(a) {} C: Triangle(int a):Shape(int b) {} D: Shape(int a): Triangle(int b) {}	This is the correct syntax for initializing a base class constructor.	
• A • B •	C O D Clear Answer Mark For Review		
2	Q. No.26. Which one of the following operator cannot be overloaded in C++?		
100		1	
	A *		
	A: *		



A B C D Clear Answer Mark For Review			
Q. No.31 is derived by using Insert_end() and Delete_first() functions in a single linked list A: Stack B: Queue C: Dqueue D: Tree	Explanation: In a queue, elements are added at the end (enqueue operation) and removed from the front (dequeue operation). Insert_end() is equivalent to the enqueue operation. delete_first() is equivalent to the dequeue operation.		
□ A ● B ⊕ C □ D Clear Answer Mark For Review			
Q. No.32protocol finds the MAC address of a host from its known IP address. A: ARP	Explanation: (Address Resolution Protocol): ARP is used to find the MAC address of a host when its IP address is known. It resolves IP addresses to MAC addresses within a local network.		
B: RARP C: ICMP D: IGMP A B C D Clear Answer Mark For Review		10	
	1		
Q. No.33. The multiple access method used in GSM cellular technology A: FDMA & CDMA R: CDMA & TDMA	1	•	
D: IGMP	[
® A ○ B ○ C ○ D [Clear Answer] [Mark For Review]			
Q. No.33. The multiple access method used in GSM cellular technology A: FDMA & CDMA B: CDMA & TDMA C: FDMA & TDMA D: CDMA & CSMA	Explanation: GSM technology primarily uses a combination of: FDMA: To divice the frequency bands into channels. TDMA: To allocate different time slots to different users on the same frequency band.		
□ A □ B ● C □ D Clear Answer Mark For Review			
Q. No.34. In a data communications system, the information to be communicated is the A: Medium B: Protocol C: Message	Explanation: This refers to the actual information or data that is being communicated between the sender and receiver. It is the content of the communication.		
D: Transmission □ A □ B ● C □ D [Clear Answer [Mark For Review.]			
Q. No.35. If the least significant bit of the first byte is 1, the Ethernet address is	T	-	
A multinest			
1 a municati	ė-	1980	
□ A □ B ® C □ D Clear Answer Mark For Review			
Q. No.34. In a data communications system, the information to be communicated is the A: Medium B: Protocol C: Message D: Transmission			
□ A □ B ● C □ D Clear Answer Mark For Review			
Q. No.35. If the least significant bit of the first byte is 1, the Ethernet address is A: multicast B: broadcast	Explanation: A) Multicast Correct. If the LSB of the first byte is 1, it indicates that the Ethernet address is a multicast address. B) Broadcast: incorrect. A broadcast address in Ethernet is a specific type of multicast address where all bits are set to 1 (FF.FF.FF.FF.FF).		
C: unicast D: geocast	O) Unicast: Incorrect. A unicast address is indicated by an LSB of 0 in the first byte. D) Geocast: Incorrect. Geocast is not a standard type of Ethernet address.		
● A ® B ○ C ○ D Clear Answer Mark For Review			
Q. No.36 is the combination of an IP address and a port number in networking.	Explanation: In networking, a combination of an IP address and a port number uniquely identifies a specific process or service running on a device within a network. This combination is known as a socket.		
Answer: SOCKET A: transport address	A socket allows for the communication between different processes, either within the same machine or over a network. It is essential for establishing a connection and ensuring that data is sent to the correct application.		

