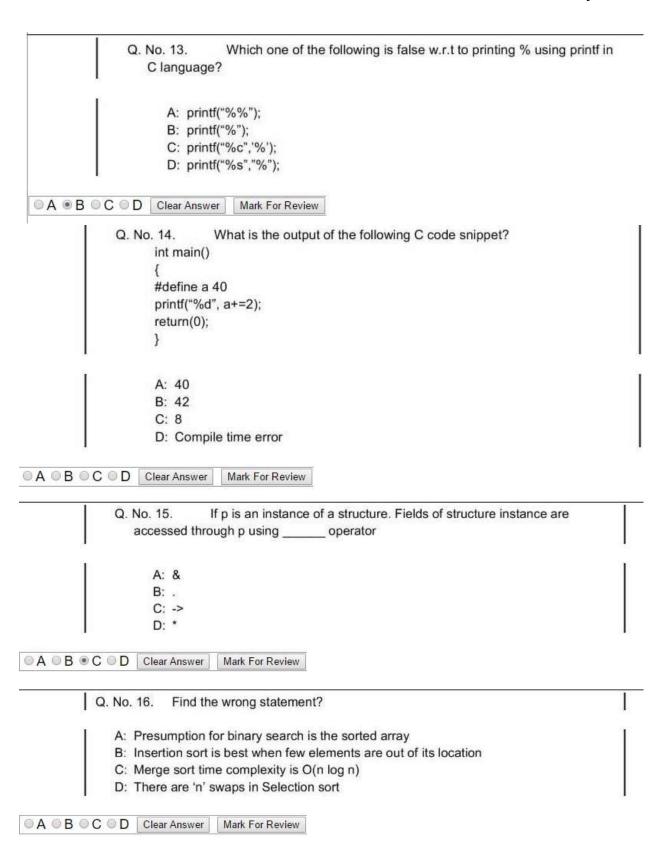


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Q. No. 17. Pick up the wrong statement about heap sort A: It is a full binary tree B: It is best implemented using arrays than linked list C: It follows order property D: After building the heap, the largest element will be at the root ○ A ○ B ○ C ○ D Clear Answer Mark For Review Q. No. 18. Pick up the wrong statement about the height of a binary tree A: Height of a null sub-tree or tree is '-1' B: Height of any node is the longest path from the node to root C: The height of a tree is the height of its root D: Height of node is max(height of left sub-tree, height of right sub-tree)+1 O A O B O C O D Clear Answer Mark For Review Q. No. 19. Which of the following function is used to delete an element from the Queue? A: Enqueue B: Pop C: Dequeue D: Push O A O B O C O D Clear Answer Mark For Review Q. No. 20. What is true about merge sort? A: It is greedy algorithm B: It requires two lists in sorted order C: Time complexity is O(log n) D: Worst case complexity is O(log n)

	Q. No. 21. Access time of a binary search tree may go worse in terms of time complexity up to
	A: O(n2) B: O(n log n) C: O(n) D: O(1)
⊚A ⊚B ⊚	C D Clear Answer Mark For Review
ļ	Q. No. 22. Overflow condition for a circular queue of size 'n' with rear and front pointers is
	A: rear == n-1 && front ==0 B: front!= 0 && rear+1 == front C: rear ==0 && front == 0 D: (rear+1)%size == front
	Q. No. 23. When a try block contains code that might throw an exception, but no exception is thrown in a particular execution, then the program
	A: terminates B: issues a warning C: continues with the code below catch blocks after executing code in try block D: uses a default catch block
A OB O	C D Clear Answer Mark For Review
ļ	Q. No. 24. In which case, it is mandatory to provide a destructor in a class?
	A: Almost in every class B: Class for which two or more than two objects will be created C: Class for which copy constructor is defined D: Class whose object are created dynamically
A OB C	C D Clear Answer Mark For Review

Q. No. 2 frien	25. Which one of the following C++ operators cannot be overloaded using d function?
	A: +=
	B: <<
	C: ->
	D: -
OA ®B OC OD [Clear Answer Mark For Review
Q. No. 2	26. Virtual functions are used to achieve
1	A: Overloading
	B: Overriding
	C: Runtime binding
Į.	D: Static binding
Q. No. 2	27. Which one of the following is not the property of constructor?
1	A: They should be declared in the public section
	B: They can be overloaded
	C: They can be virtual
I	D: They do not have return type
OA OB OC OD [Clear Answer Mark For Review
Q. No. 2	28. Genericity feature is supported in C++ using
1	A: Inheritance
	B: Encapsulation
	C: Template functions and template classes
	D: Abstraction
• A • B • C • D	Clear Answer Mark For Review

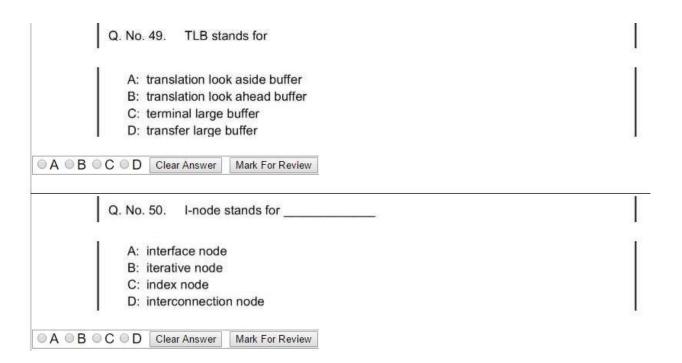
	Q. No. 29. To which type of a class, RTTI can be applied?
	A: Encapsulation
	B: Polymorphic
	C: Derived
	D: Base
A OB	○ C ○ D Clear Answer Mark For Review
	Q. No. 30. Assume a class XYZ with public static data member sdata. Xobj is an instance of XYZ, which of the following is correct way of accessing sdata?
	A: XYZ.sdata
	B: XYZ::sdata
	C: Both B and D
	D: Xobj.sdata
A OB	○ C ○ D Clear Answer Mark For Review
	Q. No. 31. Which of the following is false for cin?
	A: It represents standard input device
	B: It is an object of input stream class
	C: Both A and B
	D: It is a predefined function
A OB	● C ○ D Clear Answer Mark For Review
	Q. No. 32. In FTP, the port is used for the control connection and the port for the data connection.
	A: 21;22
	B: 21;20
	C: 20 ; 21
	D: 22;21
	3
ΔOR	C D Clear Answer Mark For Review

	Q. No. 33.	The typical range of Ephemeral ports is
	B: C:	1 to 80 1 to 1024 80 to 1024 1024 to 65535
● A ● B ●	C D Clear	Answer Mark For Review
	Q. No. 34.	The services of is used by DNS at well-known port 53
	B: C:	TCP UDP SCTP TCP or UDP
● A ● B ●	C D Clear	Answer Mark For Review
	Q. No. 35.	Which field determines the lifetime of IPv6 datagram?
	B: C:	Hop Limit TTL Next Header Fragmentation
⊚ A ⊚ B ⊚	C O D Clear	Answer Mark For Review
	Q. No. 36.	uses distance vector routing algorithm in Internet.
	A: B: C:	OSPF ARP RIP RARP
⊕ A ⊜ B ⊜	C D Clear	Answer Mark For Review

	Q. No. 37. The address must be referred to deliver a message to the correct application program running on a host
	I
	A: Port B: IP
	C: Physical
	D: Logical
⊚ A ⊛ B	C D Clear Answer Mark For Review
	Q. No. 38 method is used by HTTP request line to request a document
	from the server.
	A: GET
	B: PUT
	C: COPY
	D: PUSH
	□ C □ D Clear Answer Mark For Review
	O O D Clour Milwer Main / O Norton
	Ī
	Q. No. 39. Short Message Service is a message consisting of a maximum of
	Ī
	Q. No. 39. Short Message Service is a message consisting of a maximum of
	Q. No. 39. Short Message Service is a message consisting of a maximum of alphanumeric characters A: 100
	Q. No. 39. Short Message Service is a message consisting of a maximum of alphanumeric characters A: 100 B: 150
	Q. No. 39. Short Message Service is a message consisting of a maximum of alphanumeric characters A: 100
	Q. No. 39. Short Message Service is a message consisting of a maximum of alphanumeric characters A: 100 B: 150 C: 160
	Q. No. 39. Short Message Service is a message consisting of a maximum of
	Q. No. 39. Short Message Service is a message consisting of a maximum of alphanumeric characters A: 100 B: 150 C: 160 D: 170 C D Clear Answer Mark For Review
	Q. No. 39. Short Message Service is a message consisting of a maximum of alphanumeric characters A: 100 B: 150 C: 160 D: 170 C O D Clear Answer Mark For Review Q. No. 40. A mobile station can communicate with two base stations at the same time in a handoff.
	Q. No. 39. Short Message Service is a message consisting of a maximum of alphanumeric characters A: 100 B: 150 C: 160 D: 170 C D Clear Answer Mark For Review Q. No. 40. A mobile station can communicate with two base stations at the same time in a handoff. A: Hard
	Q. No. 39. Short Message Service is a message consisting of a maximum of alphanumeric characters A: 100 B: 150 C: 160 D: 170 C D Clear Answer Mark For Review Q. No. 40. A mobile station can communicate with two base stations at the same time in a handoff. A: Hard B: Soft
	Q. No. 39. Short Message Service is a message consisting of a maximum of alphanumeric characters A: 100 B: 150 C: 160 D: 170 C D Clear Answer Mark For Review Q. No. 40. A mobile station can communicate with two base stations at the same time in a handoff. A: Hard

	Q. No. 41.	A BSS with an AP in Wireless LAN is called	architecture.
	A	: Ad-hoc architecture	
	В	: Infrastructure	
	c	: ESS	
	D	: NAV	
◎ A ◎ B	⊚ C ⊚ D Clea	r Answer Mark For Review	
	Q. No. 42.	Pick up the wrong statement about I/O devices	
	A: Each	device controller is in charge of a particular device	type
	B: All de	evice controller has one common local buffer	7.5
	C: CPU	moves data from/to main memory to/from local buff	ers
	D: I/O d	evices and the CPU can execute concurrently	
⊚A ⊚B		If time quantum is very big in Round Robin CPU sc	heduling algorithm,
	A: SJF S	Scheduling	
	- CO. CO. C.	Scheduling	
	C: Priori	ty Scheduling	
	D: SJF	vith Preemption	
@ A @ B	O C O D Clea	r Answer Mark For Review	
	Q. No. 44.	Physical memory is divided into fixed sized	
	A: Page	s	
	B: Fram	es	
	C: Block		
	D: Chun	ks	
@ Δ @ R	OCOD Clea	r Answer Mark For Review	

	Q. No. 45. A file is a collection of
	A: Sectors
	B: Blocks
	C: Records
	D: Tracks
◎ A ◎ B ◎	C • D Clear Answer Mark For Review
	Q. No. 46. The interval from the time of submission to the time of completion is
	known as
	A: Throughput
	B: Turnaround time
	C; Waiting time
	D: Response time
◎ A ◎ B ◎	C D Clear Answer Mark For Review
	Q. No. 47. Which of the following is not a optimization criteria for a scheduling
	algorithm?
	A: Maximum throughput
	B: Maximum turnaround time
	C: Minimum waiting time
	D: Minimum response time
⊚ A ⊚ B €	C D Clear Answer Mark For Review
	Q. No. 48. When interrupt occurs, state of running process is changed to
	A: Waiting state
	B: Ready state
	C: New state
	D: It will not go anywhere



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