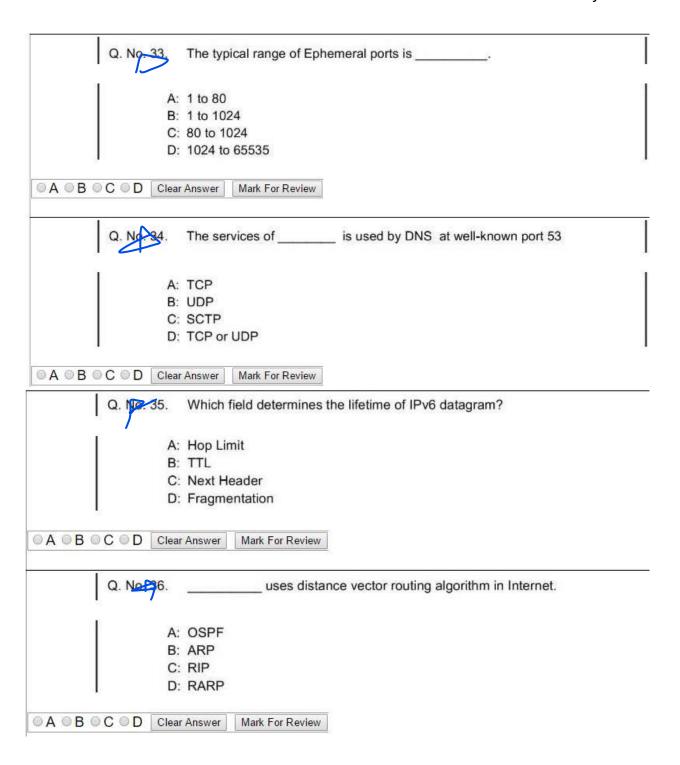


Q. No. 17. Pick up the wrong statement about heap sort A: It is a full binary tree B: It is best implemented using arrays than linked list C: It follows order property D: After building the heap, the largest element will be at the root ○ A ○ B ○ C ○ D Clear Answer Mark For Review Q. No. 18. Pick up the 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)

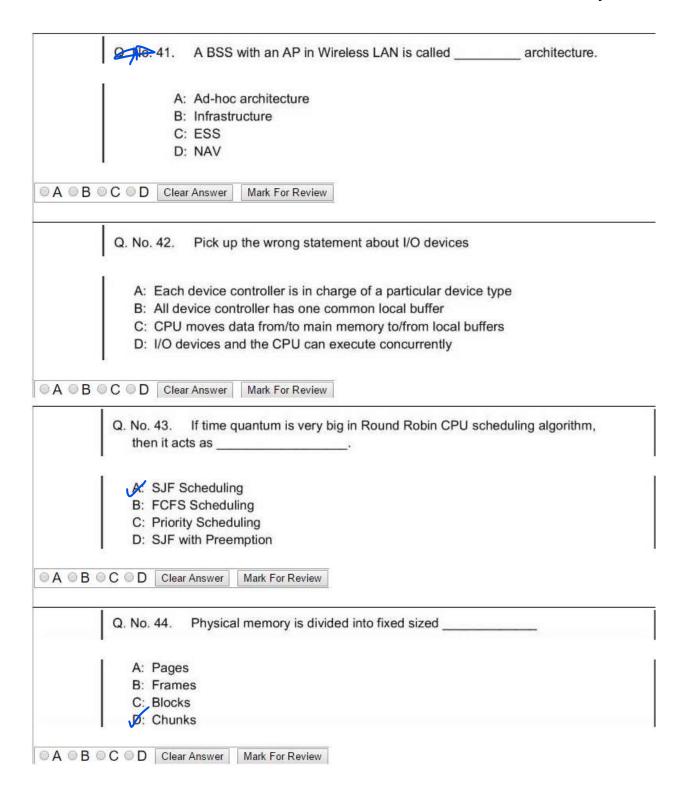
	Q. No. 21. Access time of a binary search tree may go worse in terms of time complexity up to
	A: O(n2) B: O(n log n) C: O(n)
	D: O(1)
⊚A ⊚B	C D Clear Answer Mark For Review
	Q. No. 22. Overflow condition for a circular queue of size 'n' with rear and front pointers is
	A: rear == n-1 && front ==0
	B: 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	C D Clear Answer Mark For Review
	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 ○B	C D Clear Answer Mark For Review

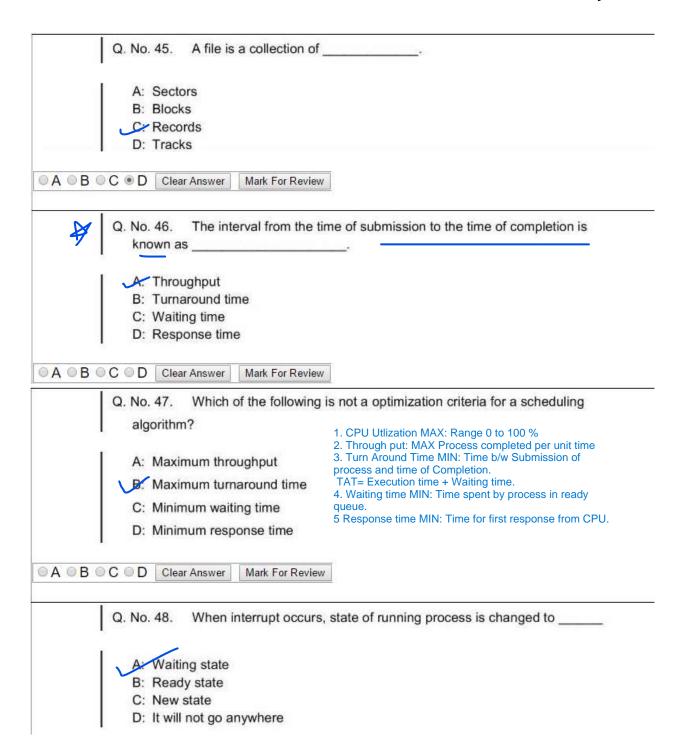
Q.	No. 25. Which one of the following C++ operators cannot be overloaded using friend function?	
Î	A: +=	
	B. <<	
	C: ->	
	D: -	,
○ A ⊛ B ○ C	D Clear Answer Mark For Review	
Q.	. No. 26. Virtual functions are used to achieve	
1	A: Overloading	1
	B: Overriding	
	C: Runtime binding	
Į.	D: Static binding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

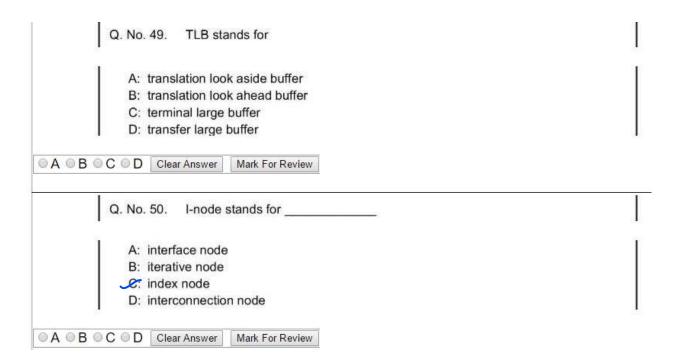
	Q. No. 29.	To which type of a class, RTTI can be applied?
	A:	Encapsulation
	B:	Polymorphic
	C:	Derived
	D:	Base
⊕ A ⊕ B €	C D Clear	Answer Mark For Review
	Q. No. 30.	Assume a class XYZ with public static data member sdata. Xobj is an
	instance	of XYZ, which of the following is correct way of accessing sdata?
	l Az	XYZ.sdata
	B:	XYZ::sdata
	C:	Both B and D
		Xobj.sdata
0 A 0 B	C D Clear	Answer Mark For Review
	Q. No. 31.	Which of the following is false for cin?
	l A:	It represents standard input device
		It is an object of input stream class
		Both A and B
	D:	It is a predefined function
OA OB ®	C O D Clea	r Answer Mark For Review
	Q.psb. 32.	In FTP, the port is used for the control connection and the port for the data connection.
		21;22
		21;20
		20;21
		22;21
0400	0.05	
ABB	Clea	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
	A: Port B: 1P 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.
	B: PUT C: COPY D: PUSH
◎ A ◎ B ◎	Q. No. 39. Short Message Service is a message consisting of a maximum of alphanumeric characters
	A: 100 B: 150 C: 160 D: 170
⊚A ⊚B	C D Clear Answer Mark For Review
	in a handoff.
	A: Hard B: Soft C: Medium D: Moderate







http://www.youtube.com/OptimisiticEngineer