Hello Everyone  A. is an end tag and has no problem if we forget it  B. "Hello Everyone" is an element that will be displayed on the browser in red color  C. "style" is a CSS property D. style="color:red;"> is an  D. style="color:red;"> is an internal CSS  Question ID:3668 and answer is B  2. Which one of the following statements is the correct way of defining a CSS style using a class selector?  A.p.h.l.h.2.li { text-align: center; color: red; }  B.p { background: yellow; color: red; }  C. #par{ background: yellow; color: red; }  D.par { background: yellow; color: red; }  Question ID:3674 and answer is D  3. Which one of the HTML5 attributes makes a text box inactive to edit? A. B. C. D.  A. required  B. pattern  C. read-only  D. disable  Question ID:3679 and answer is C  4. A program written in language does not require a server to run.  A. PHP  B. Servlet  C. JSP  D. HTML  Question ID:3682 and answer is D  5. Which one of the following statements is wrong about a web page?  A. The content of a static web page can only change if the source code is changed.  B. The content of a dynamic page may change in response to users' actions.  C. An application that collects data from users through a form and stores it in a database requires the integration of client & server-side scripts  D. Source code of a program written in a server-side scripting language is visible on a client application such as a browser  Question ID:3686 and answer is D	1.Based on the html code given below identify the correct statement. Given Code:
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Question ID:3686 and answer is D	
Question ID:3686 and answer is D	
	application such as a browser

6.6. Which of the following is the default file extension of PHP? A. B. C. D.

Aphp
Bhphp Cxml
Dhtml
DIIIIII
Question ID:3689 and answer is A
7. Which one of the following is used to display an output in PHP?
A.document.write()
B.out.print()
C.print()
D.write()
Question ID:3694 and answer is C
8.A variable declared has a GLOBAL SCOPE?
A.outside program B.inside function
C.outside function
D.None Of the Above
Question ID:3698 and answer is C
9.which one of the following is the result of the following PHP code? Given Code: echo strlen("IP II Model-Exam!");
A.20
B.18
C.16
D.15
Question ID:3700 and answer is A
10.Which one of the following is the correct way of creating a PHP variable? A.int stud_age=20;
B.\$stud-age=20;
C.stud_age=20;
D.\$_age=20;
Question ID:3702 and answer is D
11. Which one of the following is the output of the given program? \$m) { if(\$k!=2) continue;
else echo \$m; } ?>

# D.SeptOctDecJan

## Question ID:3707 and answer is B

12. Which one of the following PHP functions is used to redirect a user to a specific page?

A.Send redirect()

**B.header** location()

C.header()

D.redirect()

#### Question ID:3709 and answer is C

13. which one of the following statements is wrong about a session?

A.It is used to make data accessible across all pages of a website

B.echo \$\_SESSION["email"]; is used to display the value of a session variable called email.

C.session\_start() function is used to start a session and must be there at the beginning of an index.php page of the website

D.session\_unset() function destroys all session variables

## Question ID:3711 and answer is C

14. which one of the following syntaxes is the correct way of defining a function in PHP?

A.functionName(parameters) {function body}

**B.function {function body}** 

C.function functionName(parameters) {function body}

**D.ata type functionName(parameters) {function body}** 

Question ID:3714 and answer is C

15.15. what will be the output of the following program? A. 9 B. 81 C. 27 D. 3

**A.9** 

**B.81** 

**C.27** 

**D.3** 

**Question ID:3717 and answer is D** 

16. Which one of the following PHP functions is used to execute SQL queries?

A.mysqli select db()

**B.mysqli\_fetch\_assoc()** 

C.mysqli execute query()

**D.mysqli\_query()** 

**Question ID:3719 and answer is D** 

17.Based on the code snippet given below, which one of the following statements allow you to assign an email submitted from the form to a variable called email?

```
A.\semail=\s\ GET[\"email"];
B.\$email=\$ POST["email"];
C.echo $ REQUEST["email"];
D.\(\sepail = \$ REQUEST[\"UserEmail"];
Question ID:3727 and answer is A
18. Which one of the following statements is the right way of creating a cookie called product
that can only stay for 2?
A.createcookie("product","smart phone",time()+(60*60*14),"/","localhost",0);
B.setcookie("product", "smart phone", time()+(60*60*2*24),"/", "localhost",0);
C.setcookie("product", "smart phone", time()+(60*60*24*14),"/","localhost",0);
D.setcookie("product", "smart phone", time()+(60*60*24), "/", "localhost", 0);
Ouestion ID:3729 and answer is C
19. What is the use of isset() function in PHP?
A.The isset() function is used to check whether a variable is set or not
B.The isset() function is used to check whether a variable is free or not
C.The isset() function is used to check whether a variable is a string or not
D.The isset() function is used to set a new value to a variable
Question ID:3731 and answer is A
20. Identify the correct statement based on the code snippet given below.
$fop=fopen("xyz.txt","a+"); fwrite($fop,"hello"); fclose($fop);
A.xyz.txt file is opened for reading only
B.the text hello will be appended to the existing content in xyz.txt file
C.the text hello won't be written to xyz.txt file, if the file does not exist
D.xvz.txt file is opened for write-only access
Question ID:3735 and answer is B
21. The activity of choosing an efficient execution strategy for processing a query is called
as
A.Query execution
B.Query plan evaluation
C.Query optimization
D.Query parsing
Question ID:3744 and answer is C
22.Timestamp ordering protocol is said to be free from deadlock because of reason?
A.It is cascading free
B.No transaction is made to wait
C.It guarantees serializability
D.None of them
Question ID:3748 and answer is B
```

23.In a schedule S with two transactions T1 and T2, T1 reads the data item which was

produced by T2 and T1 commits before T2 commits. In this case, the schedule S is said to be a schedule?
A.Recoverable B.Conflict serializable C.Non-recoverable D.Serial Question ID:3750 and answer is C
24.If a transaction is allowed to read a data item that was produced by an uncommitted transaction, what do we call this read?  A.Repeatable read  B.Dirty read  C.Phantom read  D.Conflict read  Question ID:3754 and answer is B
25.Transaction-processing systems usually allow multiple transactions to run concurrently. Which of the following best suits as the advantage(s) of allowing concurrent execution of transactions?  A.Improved transaction throughput B.Serializability C.Reduced execution complexity D.Reduced waiting time Question ID:3757 and answer is C
26.To ensure integrity of the data, a database system should ensure transactions to possess certain properties. The property which makes sure that the partial effects of incomplete transactions should not visible to the other transactions is called?  A.Atomicity B.Isolation C.Consistency D.Durability Question ID:3765 and answer is B
27.One of the following is not the reason for the need of query optimization? A.To utilized storage space efficiently B.To increase system performance C.To maximize throughput D.To increase response time Question ID:3776 and answer is D
28.One of the following is not consider in cost estimation during query optimization?  A.Input/Output cost B.Communication cost C.CPU processing cost D.Device cost Question ID:3780 and answer is D
29.One of the following is/are the recovery technique from catastrophic failures? A.Undo

B.Backup
C.Redo
<b>D.</b> Encryption
Question ID:3782 and answer is B
30is methods assume conflict is rare and only checks for conflicts at
commit/terminate time?
A.Shared Locking
<b>B.Optimistic</b>
C.Time stamping
D.Executive locking
Question ID:3787 and answer is B
31is a technique/process of keeping and maintaining a log file of all transaction
changes made to database to enable effective recovery in event of failure?
A.Journaling
B.View
C.Backup
<b>D.</b> Encryption
Question ID:3790 and answer is A
32.For recovery purposes, the transaction processing system not needs to keep
A.The beginning of transaction
B.The operation not performed
C.The ending of the transaction
D.Transaction status(committed/aborted)
Question ID:3795 and answer is B
33means the transaction happens indivisibly; a transaction either happens
completely or not at all.? A.Isolated
B.Atomicity
C.Consistency
D.Durability
Question ID:3797 and answer is B
34is s a problem which occurs when two transactions access the same data items
concurrently and their operations interleaved.
A.Loss Update
B.Incorrect summery
C.Temporary read D.Unrepeatable read
D.Onrepeatable read
Question ID:3800 and answer is A
35. The DBMS acts as an interface between what two components of an enterprise-class
database system?
A.Database application and the database

**B.Data and the database** 

C.The user and the database application

D.Database application and SQL

Question ID:3804 and answer is C

36. Among the following lists one doesn't describe a field in a relation?

A.Record

**B.**Attributes

C.Column

D.All of them

Question ID:3807 and answer is A

37. Which one is the right name given for unique identification of each entity?

**A.Composite Key** 

**B.Primary Key** 

C.Foreign key

**D.Candidate Key** 

**Ouestion ID:3810 and answer is B** 

38.An entity that cannot stand by itself or that cannot have a record unless there is another entity to be related with it is for its existence is called?

**A.strong Entity** 

**B.Weak entity** 

**C.dependent entity** 

**D.Independent** 

**Question ID:3811 and answer is B** 

39.Among the following one describes the functional dependency between non-key attributes of a relation?

A.Functional data dependency

**B.**Partial functional data dependency

C.Full functional data dependency

D.Transitive functional data dependency

#### Question ID:3814 and answer is A

40.Among the following one is the process of analyzing the given relation schemas based on their functional dependencies and primary keys.

**A.Decomposition** 

**B.Normalization** 

**C.Partitioning** 

**D.Distributing** 

Question ID:3816 and answer is B

41. Which one of the following database models under record database model category?

A.Hierarchical Database Model

**B.Network Database Model** 

C.Relational Database Model

D.all of them

Question ID:3818 and answer is D

42are rules that should be obeyed or followed while manipulating the data? A.E-R diagram
<b>B.Entity</b>
C.Relationship
D.constraints
Question ID:3821 and answer is D
43is a rule of no component of the primary key may contain a NULL value.
A.Entity integrity
B.Referential integrity C.Domain Integrity
D.Cardinal integrity
Question ID:3824 and answer is A
44.One of the following is true about relational database data model?
A.Navigational nature of processing.
B.Visualized as a linear arrangement of records
C.Little scope for query optimization
D.High scope of query optimization
O # TD 2025 1
Question ID:3825 and answer is D
45. Which one of the following statements is True about operating systems?
A.It provides a platform on which application software can be installed on the bottom.
B.It controls the overall functionality of the computer system.
C.It primarily focuses on managing the hardware resource rather than software resources.  D.We can use a computer, even if a computer has no installed operating system.
Question ID:3828 and answer is B
46. Which one of the following statements is True about process state transition?  A.If the given quantum time expired a running process can be interrupted and goes to the
ready queue.
B.When a process is created it goes to a ready state immediately.
C.When a process successfully finished its task, it goes to a terminated state
D.all
Question ID:3831 and answer is D
47.If a process runs, out of the extra space allocated to it, then which action is not taken by the
system?
A.It will have to be moved a process to a partition having a small space.  B.Swapped out of memory until a large enough hole can be created
C.Kill the process.
D.All
Question ID:3835 and answer is A
48. Which one of the following scheduling algorithms is both preemptive and non-preemptive?
A.Round Robin
<b>B.Priority</b>
C.FCFS

**D.S.JF** 

Question ID:3838 and answer is B

49. Assume Mr. Daniel is running different applications at the same time like browsing the internet while preparing his assignment, so which type of operating system he used.

A.ROTS

**B.Multi-tasking** 

C.Multi-user

**D.DOS** 

**Question ID:3841 and answer is B** 

50.A process stack does not contain \_\_\_\_\_

**A.Function parameters** 

**B.Local variables** 

C.Return addresses

**D.PID** of the child process

Question ID:3843 and answer is D

51. Which one of the following is not necessary condition for deadlock to occurred?

A.Hold and Wait

**B.Mutual inclusion** 

**C.No- preemption** 

**D.Circular wait** 

Question ID:3845 and answer is B

52. Which one of the following statements is True about operating systems as an I/O manager?

A.Control all the computer I/O devices.

B.Issue commands to I/O devices, catching interrupts and handling errors

C.Provide an interface between the device and the rest of the system.

D.All

Question ID:3846 and answer is D

53. Which one of the following statements is False about segmentation and paging?

A.In segmentation segments size is unequal and dynamic.

B.In paging the virtual address space is divided into equal-sized block called pages frame.

C.Pages and page frames should have the same size.

D.To map each page into frames we need a special data structure called page table

Question ID:3847 and answer is B

54. Which coding transition is at the middle of the bit and changes phase when a different bit is encountered?

**A.Differential Manchester** 

**B.Manchester** 

C.Delta modulation

**D.Pulse code modulation** 

Question ID:3851 and answer is B

55. Which mode of transmission the entire capacity of the channel can be utilized for each direction?

A.Simplex B.Half duplex C.Full duplex D.all except A
Question ID:3853 and answer is B
56.Software and hardware that uses hypertext Transfer Protocol to respond to client requests is? A.ile server B.mail server C.web server D.A and C Question ID:3854 and answer is C
57. The velocity of propagation of a signal through a guided medium varies with frequency. This type transmission impairment is called? A.Noise B.Attenuation distortion C.Delay distortion D.B and C Question ID:3855 and answer is C
58.Which connectivity device packets send to all connected device at the same time? A.Switch B.router C.Hub D.Bridges
Question ID:3857 and answer is C
59.Unshielded twisted pair cable that is used for 16 Mbps Token Ring is
60.Which one of the following wireless transmission systems the sending and receiving antennas need not be aligned?  A.Microwave B.Radio waves C.Infrared waves D.Bluetooth Question ID:3860 and answer is B
61.Which TCP/IP layer allows an IP packet to make a physical link to transmission media? A.Application layer B.Internet layer C.network access layer

**D.transport layer** 

Question ID:3866 and answer is C

62. Which one of the following subnet masks represents class A before and after subnetting?

A.255.0.0.0

B.255.255.0.0

C.255.255.255.0

D.all

Question ID:3867 and answer is D

63. Which one of the following is used for only local communication in private network?

A.172.16.6.2

B.10.123.16.145

C.192.168.14 23

D.All

Question ID:3869 and answer is D

64.Based on the above question #13, what is the broadcasting address for subnet #2?

A.178.191.0.255

B.178.191.255.255

C.178.191.12.255

D.178.191.1.255

Question ID:3871 and answer is C

65. Which wireless security method generates new keys each time when a client establishes connection to the router?

**A.Wi-Fi Protected Access** 

**B.Extensible Authentication Protocol** 

**C.Wired Equivalency Protocol** 

**D.Traffic Filtering** 

Question ID:3889 and answer is A

66. Which types of switching each node receives the entire message, stores it, and then transmits it to the next node?

**A.Circuit Switching** 

**B.** Packet Switching

**C.Message Switching** 

D.all

**Question ID:3892 and answer is C** 

67. Which layer allows an IP packet to make a physical link to the media?

A.Internet layer

**B.Network** access layer

C.Transport layer

D. Application layer

**Question ID:3895 and answer is B** 

68. Which one of the following is correct statement?

A.Both unipolar encoding and polar encoding techniques are NRZ.

B.Both NRZ-L and NRZ-I changes voltage level when different bit is encountered

C.NRZ-I changes voltage level at when a different bit is encountered

D. NRZ-L changes voltage when a 1 is encountered.

### Question ID:3899 and answer is A

69. Which of the following is not common member to both abstract classes and interfaces?

A. static variables

**B.final variables** 

**C.private members** 

**D.**abstract methods

Question ID:3903 and answer is C

70. Choose the lists of the keywords in order that they would be used to handle exceptions in Java.

A.catch, try, finally

B.try, catch, finally

C.finally, catch, try

D.try, finally, catch

Question ID:3913 and answer is B

71.In which condition the finally block will not be executed?

A.When Exception occurs and not handled

**B.When System.Exit() is called** 

C.When Exception does not occur

D. When Exception occurs and handled

**Question ID:3914 and answer is B** 

72. Choose the correct statement about Java variables.

A. Variable names can start with a digit.

B.Some Java keywords can be used as naming a variable

C. Variable names can contain digits 0-9.

D.All variables cannot be changing its value during execution

Question ID:3920 and answer is C

73. Which Java keyword cannot appear on instance variable declaration?

A.private

**B.static** 

C.public

**D.string** 

Question ID:3923 and answer is B

74. What will happen when we run the following segment of Java code? public static void main(String args[]){ int i; int []a={3,4,0,5}; for( i=3;i>=0;i--){ System.out.print(30/a[i]); System.out.print(a[i]); }

A.Array elements 3 4 0 5 will be printed

B.10 7 0 6 will be printed

C.Compile Error will occur

**D.** 10 7 0 6 3 4 0 5 will be printe

Question ID:3935 and answer is C

75. What happens if several catch blocks match the type of the thrown exception?  A.All the catch blocks for that try statement are executed in order.  B.The first catch block is executed and the others are skipped.  C.All the catch blocks for that try statement are skipped.  D.The program will terminate without executing any of the catch blocks.  Question ID:3937 and answer is B
76.Suppose String S=null; then what type of exception will occur when we execute the statement System.out.println(S.charAt(0)); A.ArithmeticException B.OutOfMemoryError C.NumberFormatException D.NullPointerException Question ID:3940 and answer is D
77 is a program that executes compiled Java bytecode on a specific platform. A.NetBeans B.JVM C.JDK D.JRE Question ID:3944 and answer is B
78. Which of the following is true about Java static methods and instance methods?  A.Instance methods belong to the class rather than the object of a class.  B.Instance methods can be invoked without the need for creating an instance of a class.  C.A static method can access static data member and can change the value of it.  D.Static methods require an object of its class to be created before it can be called.  Question ID:3947 and answer is C
79.Concept of OOP that provides code reusability is A.Polymorphism B.Inheritance C.Encapsulation D.Abstraction Question ID:3949 and answer is B
80.Which of the following is not a java.util.Scanner method? A.nextInt() B.next() C.nextLine() D.nextString() Question ID:3953 and answer is D
81.Features of Java used to handle more than one job at a time. A.Distributed B.Platform-Independent C.Portable D.Multi-threaded Question ID:3954 and answer is D

82.A class declaration that begins with the keyword must be stored in a file that has exactly the same name as that class and ends with the .java file-name extension.  A.private B.final C.public D.abstract Question ID:3959 and answer is C
83.Which one of the following is wrong about structural and object-oriented programming paradigms?  A.Structural Programming can solve moderate problems  B.Object-Oriented Programming provides data hiding  C.Structural Programming does not provide data hiding  D.Structural Programming support code reusability  Question ID:3961 and answer is D
84.Among the following, which one is not a feature of Java? A.Robust B.Structured C.Distributed D.High Performance Question ID:3966 and answer is B
85.Which Java statement always executes its body at least once, even though the condition is not true? A.for B.do-while C.while D.continue Question ID:3969 and answer is B
86.Which of the following OOP concept binds the code and data together and keeps them secure from the outside world?  A.Polymorphism B.Inheritance C.Abstraction D.Encapsulation Question ID:3973 and answer is D
87.Given a class named Student, which of the following is a valid constructor declaration for this class?  A.Constructor Student () { }  B.public Student () { }  C.Student Student () { }  D.Void Student () { }  Question ID:3977 and answer is B
88.From the following list of Java variables; which one is invalid? A.EMP_Salary

C.My-Name D1200IDN
Question ID:3979 and answer is C
89.If we want to develop a program to display the names of 7 days in a week, what type of Java statement can be appropriate to solve the problem?  A.ifelse if B.for loop C.nested if D.ifelse Question ID:3984 and answer is A
90.Which layer allows an IP packet to make a physical link to the media? A.Internet layer B.Network access layer C.Transport layer D.Application layer Question ID:3988 and answer is A
91.Which of the following primitive data types is not Integer type? A.byte B.double C.int D.short Question ID:3994 and answer is B
92.The built-in base class in Java, which is used to handle all exceptions is: A.Exception B.Runtime Exception C.Checked Exceptions D.Unchecked Exception Question ID:3999 and answer is A
93.Which one is false about abstract class and interface in Java? A.An interface cannot have instance variables. B.In Java, an Interface cannot be final C.There can be non-abstract methods within abstract class. D. We can define private modifier for variables in interfaces. Question ID:4003 and answer is D
94 keyword is used to exit from Java loop statements. A. continue B.quit C.break D.exit Ouestion ID:4007 and answer is C

B.Age27

95. Which of the following is not primitive data type in Java? A.String **B.long** C.Boolean D.int **Question ID:4009 and answer is A** 96. Which of the following keyword is used to refer the member of base classes from a subclass? A.base **B.super** C.this D.upper Question ID:4012 and answer is B 97. Which keyword is used to prevent content of a variable from being modified? A.final **B.last** C.constant **D.static** Question ID:4015 and answer is A 98. Which one of the following is not an access modifier in Java? A.void **B.**protected C.public **D.**private Question ID:4018 and answer is A 99. Which of the following is correct way of inheriting interface A by class B? **A.interface A implements B {} B.class B implements A {} C.class B extends A {} D.interface B extends A {}** Question ID:4022 and answer is B 100. Which mode of transmission the entire capacity of the channel can be utilized for each direction? A.Simplex **B.**Half duplex C.Full duplex D.all except A Question ID:4029 and answer is B 101.One of the following is not true statement. A.Class is an entity that contains both data and methods.

B.new operator used to create object from a given class

C.C. In java new operator used to declare variable that used to store single value

D.D. Classes are model of a given problem domain.

Question ID:4924 and answer is C

102. One of the following is not the end result of abstraction in OOP?

A.Possible attributes

**B.Possible methods** 

C.Possible class

**D.Well Organized codes** 

**Question ID:4925 and answer is D** 

103. One of the following is true statement about constructors?

A.Constructors are methods of a given class which used to create objects

**B.**Constructors are special attributes

C.Constructors have the same name as class name and can return values

D.A class can't have more than one constructor

Question ID:4926 and answer is A

104.Identify false statement among the given.

A.Several classes can be declared as sub classes of the same super class

B.Several classes can share the same variable.

C.When we create an object of a sub class, constructor of a subclass executed first and then constructors of super class

D.In inheritance we can have more than one sub class

Question ID:4927 and answer is C

105. One of the following is not true about inheritance?

A.Inheritance is used for code reusing

B.In inheritance the sub class can introduce its own specific variables

C.A super class can access its own sub classes unique data members

D.Java uses the word extends to implement inheritance

Question ID:4928 and answer is C

106.One of the following statements is false

A.An exception is a compile time error

B.In java there are predefined classes that used to handle exceptions

C.In exception handling technique an exception object contains expected error information

D.Exception handling mechanism decreases your program performance

Question ID:4929 and answer is A

107. One of the following statements is false

A.Method overloading is resolved at compile time

**B.Method** overriding is resolved at run time

C.Overridden methods coexist in the same class

D.Overloaded methods have the same name but different signature

Question ID:4931 and answer is C

108.One of the following is false about Java database connectivity (JDBC)

A.It allows you to create Java application that can access data from different types of database systems.

B.It used to connect Java standalone applications with back-end database servers.

C.It uses different predefined java classes and methods to handle various data access functions.

D.Different database systems can use the same JDBC driver, which used to establish the connection interface.

Question ID:4933 and answer is D

109. One of the following is false statement about uses of servlet

A.Processing and storing data submitted by HTML form.

**B.Providing dynamic content.** 

C.Used to handle multiple requests concurrently

D.Processing and returning data to user in HTML form only.

Question ID:4935 and answer is D

110. Which method execute first when you run Servlet code?

A.Service ()

**B.destroy**()

C.init( )

D.start()

Question ID:4938 and answer is C