

HR Assessments

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Time left **0:02:04**

Question 1

Answer saved

Marked out of 1.00

 Flag question

A rancher is building an open-ended (straight) fence by stringing wire between posts 25 metres apart. If the fence is 100 metres long how many posts should the rancher use?

Select one:

- a. 2
- b. 3
- c. 4
- d. 5

[Clear my choice](#)

Question 2

Answer saved

Marked out of 1.00

 Flag question

Which number should come next in the series 1, 3, 6, 10, 15

Select one:

- 8
- 11
- 24
- 21
- 27

[Clear my choice](#)

Question 3

Answer saved

Marked out of 1.00

 Flag question

Compilers and interpreters are themselves

Select one:

- High-level language
- Codes
- Programs
- Mnemonics
- None of the above

[Clear my choice](#)

Question 4

Answer saved

Marked out of 1.00

 Flag question

The list of coded instructions is called

Select one:

- Computer program
- Algorithm
- Flowchart
- Utility programs

[Clear my choice](#)

Question 5

Answer saved

Marked out of 1.00

 Flag question

ASCII stands for

Select one:

- American standard code for information interchange
- All purpose scientific code for information interchange
- American security code for information interchange
- American Scientific code for information interchange

[Clear my choice](#)

Question 6

Answer saved

Marked out of
1.00

Flag question

_____ can be used instead of interrupts to inform the processor of changes in device status?

Select one:

- Events
- Exceptions
- Polling
- Querying

[Clear my choice](#)**Question 7**

Answer saved

Marked out of
1.00

Flag question

Two threads created by the same program code share the same process control block.

Select one:

- True
- False

Question 8

Answer saved

Marked out of
1.00

Flag question

Which of the following process state transitions is not possible?

Select one:

- Ready to Running
- Ready to Blocked
- Running to Blocked

[Clear my choice](#)**Question 9**

Answer saved

Marked out of
1.00

Flag question

In the relational model, relationships between tables are created by using:

Select one:

- a. composite keys.
- b. determinants
- c. candidate keys.
- d. foreign keys.

[Clear my choice](#)**Question 10**

Answer saved

Marked out of
1.00

Flag question

What is an SQL virtual table that is constructed from other tables?

Select one:

- Just another table
- A view
- A relation
- Query results

[Clear my choice](#)[Next page](#)[← IQ Test](#)[Jump to...](#)[Hiring Test for IT OPS \(PS, SDIM, DBA\) ➔](#)You are logged in as Zargham Asim UET CS ([Log out](#))[HR Assessments](#)[Data retention summary](#)

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[Finish attempt ...](#)

Time left **0:01:46**

Question 11

Answer saved

Marked out of

1.00

 Flag question

Most of the time, modification anomalies are serious enough that tables should be normalized into:

Select one:

- 1NF
- 2NF
- 3NF
- BCNF

[Clear my choice](#)

Question 12

Answer saved

Marked out of

1.00

 Flag question

Class Diagram is developed to

Select one:

- show relationship among objects
- show relationship among classes
- show internal detail of the classes
- show interface of class methods/operations

[Clear my choice](#)

Question 13

Answer saved

Marked out of

1.00

 Flag question

Difference between collaboration diagram and sequence diagram is that

Select one:

- sequence diagrams use arrows whereas collaboration diagrams do not
- sequence diagram show interaction among object whereas collaboration diagram represent classes
- sequence diagram emphasis on sequence of events whereas collaboration diagrams emphasis on organization of objects and events
- both are same

[Clear my choice](#)

Question 14

Answer saved

Marked out of

1.00

 Flag question

A common boundary between two systems is called

Select one:

- Interdiction
- Interface
- Surface
- None of the above

[Clear my choice](#)

Question 15

Answer saved

Marked out of

1.00

 Flag question

What is connection pooling

Select one:

- a collection of connections to the database so that we do not need to connect or disconnect to database every time
- collection of database drivers
- collection of single connection to for every database
- collection of database Uri's

[Clear my choice](#)

Question 16

Answer saved

Marked out of

1.00

Java Compiles Program into Byte code that later on interpreted by JVM into respective machine code?

Select one:

1.00
Flag question

- True
 False

Question 17
Answer saved
Marked out of 1.00
Flag question

Which of the statements below outline the reason for portability of Java language

Select one or more:

- It has Java Virtual machine on every supported platform
 Its code is generic enough
 Every operating system has built in ability to understand its code
 Size and structure of data types remains same on every platform

Question 18
Answer saved
Marked out of 1.00
Flag question

What is the main reason the OSI model was created?

Select one:

- To create a layered model larger than the DoD model.
 So application developers can change only one layer's protocols at a time.
 So different networks could communicate.
 So Cisco could use the model.

[Clear my choice](#)

Question 19
Answer saved
Marked out of 1.00
Flag question

Default IP address of computer is

Select one:

- 1.1.1.1
 127.0.0.1
 192.168.0.1
 0.0.0.0

[Clear my choice](#)

Question 20
Answer saved
Marked out of 1.00
Flag question

Which of the following is a computer whose job is, to respond to requests for services or resources?

Select one:

- Client
 Server
 Both A and B

[Clear my choice](#)

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[Finish attempt ...](#)

Time left **0:01:28**

Question 21

Answer saved

Marked out of

1.00

 Flag question

What is cohesion?

Select one:

- Number of functions in a class
- Degree to which a functions/methods of a class are related
- Degree to which attributes of a class are related
- Degree of interaction/relationship among different classes

[Clear my choice](#)

Question 22

Answer saved

Marked out of

1.00

 Flag question

What is coupling?

Select one:

- Number of functions in a class
- Degree to which a functions/methods of a class are related
- Degree to which attributes of a class are related
- Degree of interaction/relationship among different classes

[Clear my choice](#)

Question 23

Answer saved

Marked out of

1.00

 Flag question

What is the difference between abstract class and interface?

Select one:

- An abstract class can have instance methods that implement a default behavior where as interface cannot.
- abstract classes can be derived whereas interfaces cannot
- interfaces can be derived where as abstract classes cannot
- both are same

[Clear my choice](#)

Question 24

Answer saved

Marked out of

1.00

 Flag question

Unit Testing will be done by

Select one:

- Testers.
- End Users
- Customer
- Developers

[Clear my choice](#)

Question 25

Answer saved

Marked out of

1.00

 Flag question

QA teams make sure that

Select one:

- every one is working on the assigned work
- developers have required knowledge to work
- we have quality staff working on the project
- product being built conforms to user requirements and expectations

[Clear my choice](#)

Question 26

Answer saved

Marked out of

1.00

Total Quality Management is:

Select one:

- Managing Quality, totally

Flag question

Totally Managing Quality

A commitment from management, to ensure to work in a way, by which everyone is responsible for delivering a quality output

None of the above

[Clear my choice](#)

Question 27

Answer saved

Marked out of
1.00

Flag question

Two main measures for the efficiency of an algorithm are

Select one:

Processor and memory

Complexity and capacity

Time and space

Data and space

[Clear my choice](#)

Question 28

Answer saved

Marked out of
1.00

Flag question

I have a mathematical expression having Brackets "[]", Braces "{}" and parenthesis "()". I want to make sure that every opening bracket has a closing bracket. Which data structure will be best to use

Select one:

Queue

List

Stack

Tree

[Clear my choice](#)

Question 29

Answer saved

Marked out of
1.00

Flag question

What kind of linked list begins with a pointer to the first node, and each node contains a pointer to the next node, and the pointer in the last node points back to the first node?

Select one:

a. Circular, singly-linked list.

b. Circular, doubly-linked list.

c. Singly-linked list.

d. Doubly-linked list.

[Clear my choice](#)

Question 30

Answer saved

Marked out of
1.00

Flag question

Which data structure represents a waiting line and limits insertions to be made at the back of the data structure and limits removals to be made from the front?

Select one:

a. Stack.

b. Queue.

c. Binary tree.

d. Linked list.

[Clear my choice](#)

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[Finish attempt ...](#)

Time left **0:01:11**

Question 31

Answer saved

Marked out of 1.00

 Flag question

What is the response of the following query ?

`select mod(1000,30);`

Select one:

- a. Error
- b. 0
- c. 10
- d. None of the above

[Clear my choice](#)

Question 32

Answer saved

Marked out of 1.00

 Flag question

What will be the output for the following queries where salary column has NULL values ?

Query 1. `SELECT * FROM EMPLOYEE WHERE Salary <> NULL;`

Query 2. `SELECT * FROM EMPLOYEE WHERE Salary = NULL;`

Select one:

- a. Query 1 will give last N rows as output (excluding null value)
- b. Query 2 will give first row as output (only record containing null value)
- c. Query 1 and Query 2 both will give the same result
- d. None of the above

[Clear my choice](#)

Question 33

Answer saved

Marked out of 1.00

 Flag question

Which Operator in SQL is used to perform pattern matching ?

Select one:

- BETWEEN
- LIKE
- IN
- MATCH

[Clear my choice](#)

Question 34

Answer saved

Marked out of 1.00

 Flag question

Which of the following is true about a group function?

Select one:

- a. Group functions operate on sets of rows to produce multiple results per group.
- b. DISTINCT keyword makes a group function consider duplicate values.
- c. Group functions ignore null values.
- d. None of the above

[Clear my choice](#)

Question 35

Answer saved

Marked out of 1.00

 Flag question

Find the paper numbers for papers that use both keyword code 601 AND 602.

Which one of the queries given will answer above question ?

Query 1 : `SELECT PAPER FROM MATCH WHERE CODE = 601 AND CODE = 602;`

Query 2 : `SELECT M1.PAPER FROM MATCH M1, MATCH M2 WHERE M1.PAPER = M2.PAPER AND M1.CODE = 601 AND M2.CODE = 602;`

Select one:

- a. Query 1
- b. Query 2
- c. Both
- d. None of A,B or C

[Clear my choice](#)

Question 36

Answer saved

Marked out of
1.00

[Flag question](#)

Project Milestones are used to

Select one:

- a. know the cost of the project
- b. know the status of the project
- c. know the user expectations
- d. All of the above
- e. None of these

[Clear my choice](#)

Question 37

Answer saved

Marked out of
1.00

[Flag question](#)

Planning ahead for software reuse reduces the cost and increases the value of the systems into which they are incorporated.

Select one:

- True
- False

Question 38

Answer saved

Marked out of
1.00

[Flag question](#)

The essence of software engineering practice might be described as understand the problem, plan a solution, carry out the plan, and examine the result for accuracy.

Select one:

- True
- False

Question 39

Answer saved

Marked out of
1.00

[Flag question](#)

What can static analysis NOT find ?

Select one:

- a. the use of a variable before it has been defined
- b. unreachable ("dead") code
- c. memory leaks
- d. array bound violations

[Clear my choice](#)

Question 40

Answer saved

Marked out of
1.00

[Flag question](#)

Testware(test cases, test dataset)

Select one:

- a. needs configuration management just like requirements, design and code
- b. should be newly constructed for each new version of the software
- c. is needed only until the software is released into production or use

[Clear my choice](#)

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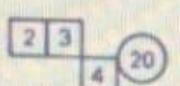
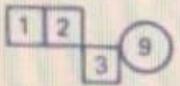
A violent crime is, to you:

Select one:

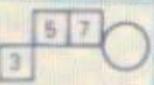
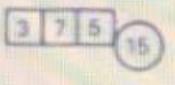
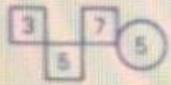
- a. "a reflection of a general trend in society?"
- b. "an isolated, tragic case from which we can draw lesson"
- c. "an outrage about which something should be done?"

In the following set of numbers, the same rules apply within each set to produce the number in the circle. In the example the upper numbers in set are added and then multiplied by the lower number to give the answer in the circle. Select the correct number.

Example



Question:

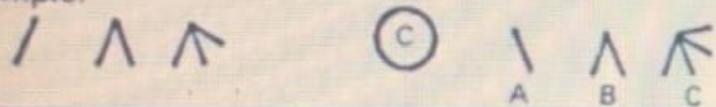


Select one:

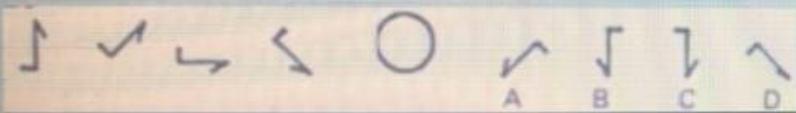
- a. 6
- b. 8
- c. 9

The shapes on the left form a series. Which of the lettered shapes on the right continues the series? Select the letter of the correct shape that should come in the circle.

Example:



Question:



Select one:

- a. B
- b. A
- c. D

Question 9

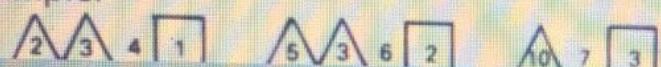
Not yet
answered

Marked out of
1.00

Flag question

Select the best option of the missing number in the blank square.

Example:



Question:



Select one:

- a. 5
- b. 6
- c. 4

The following row of numbers form a series. Select the best option of the number that logically follows.

Example: 1, 2, 4, (..8..)

Question:

3,6,12,24, (....)

Select one:

- a. 18
- b. 48
- c. 36

In the following equations there is one missing number that should be written between the brackets. Choose the best one option.

Example: $2 \times 12 = 6 \times (..4..)$

Question:

$$8 \times 7 = 14 \times (....)$$

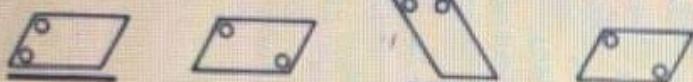
Select one:

- a. 4
- b. 8
- c. 2

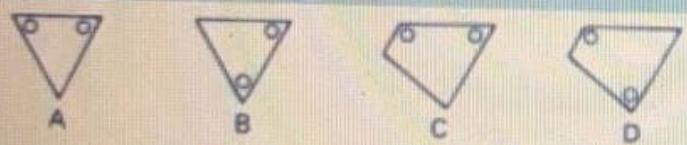


From the pair of shapes given below, select the shapes which, if turned around, could represent the same one.

Example:



Question:



Select one:

- a. C,D
- b. A,B
- c. A,C

Read this incomplete passage. The spaces in the passage are to be filled by words from the list beneath. Choose the best one option of the words that would most suitably fill the space.

Question:

A successful author is (...) in danger of the (...) of his fame whether he continues or ceases to (...). The regard of the (...) is not to be maintained but by tribute, and the (...) of past service to them will quickly languish (...) some (...) performance back to the rapidly (...) minds of the masses the (...) upon which the (...) is based.

- (A) Neither, (B) fame, (C) diminution, (D) public, (E) remembrance, (F) equally, (G) new, (H) unless, (I) forgetful, (J) unreal, (K) merit, (L) write

Select one:

- a. F,C,L,D,E,H,G,I,K,B
- b. F,B,L,H,E,D,G,I,K,C
- c. F,C,L,H,D,E,G,I,C,B

The piles of blocks shown are solid. Any block without support is shown as such. Each diagram represents a pile of identical blocks. Select the correct list from options given below that depict the correct number beside each letter in column to show how many other blocks touch the block indicated by each letter. A whole face must touch.

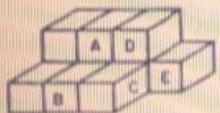
In SA 31 the first two letters have been matched with numbers as an example, showing that blocks A and B touch three other blocks

SA 31



A	3	D
B	3	E
C		

Question:



A		D
B		E
C		

Select one:

- a. A3, B5, C4, D3, E2
- b. A2, B2, C3, D3, E3
- c. A3, B3, C2, D2, E1

Choose the best one option in which the two words that are most nearly opposite in meaning.

Example: heavy, large, light

Question:

insult, deny, denigrate, firm, affirm

Select one:



- a. insult, denigrate
- b. firm, affirm
- c. deny, affirm

Choose the best option that means the same in one sense as the word on the left and in another sense the same as the word on the right.

Example: check (**Bi**L) beak

Question:

dash (**D** _ **T**) missile

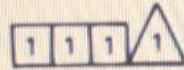
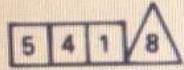
Select one:

- a. diet
- b. dart
- c. dolt

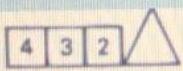
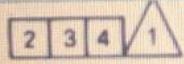
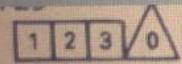
In the following set of squares the numbers are related by particular rules to produce the number in the triangle. Select the best option of missing number into the blank triangle.

Example:

Example:



Question:



Select one:

- a. 6
- b. 7
- c. 5

n 18

ed

out of

question

Choose the best one option with the most similar meaning.

Example: mat, linoleum, floor, rug

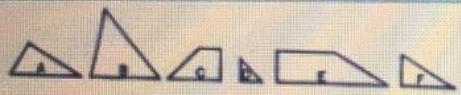
Question:

divulge, divert, reveal, revert

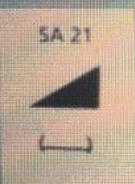
Select one:

- a. divulge, revert
- b. divulge, reveal
- c. divert, revert

The lettered shapes in the top row can be used to form the black shape below. They may be turned over. Select the best option of one letter, or more, for the bracket below the black shape to show which lettered shape, or shapes, can be used to form the black shape.



Question:



Select one:

- a. B
- b. A
- c. F

Complete each analogy by choosing the best option suitable for the parentheses one word that ends with the letters printed.

Example: high is to low as sky is to (earT H)

skull is to brain as shell is to (_ _ K)

Select one:

- a. back
- b. sack
- c. yolk

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In group of words below chose the best one option whose meanings do not belong with the others.

Example: robin, pigeon, space, fork, eagle

Question:

shark, sea lion, cod, whale, flounder

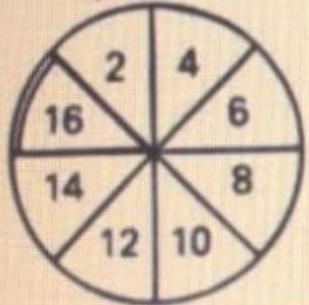
Select one:

- a. cod, flounder
- b. sea lion, whale
- c. shark, sea lion

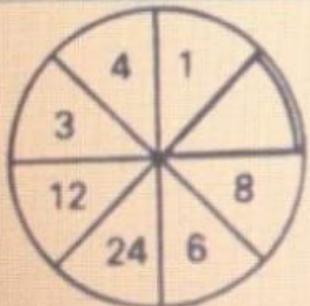
In the following diagram the numbers run in pairs or in series going across or around the diagram. Select the option of best suitable number for the blank sector.

Example:

Example



Question:



In the following line three terms on the right should correspond with three terms on the left. Choose the best one option suitable for the missing midterm on the right.

Example: first (second) third :: one (T wo) three

Question:

complete (incomplete) blank :: always (**S** _____) never

Select one:

- a. somewhere
- b. sometimes
- c. somethings



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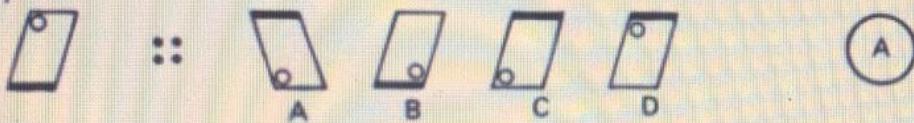


Select one:

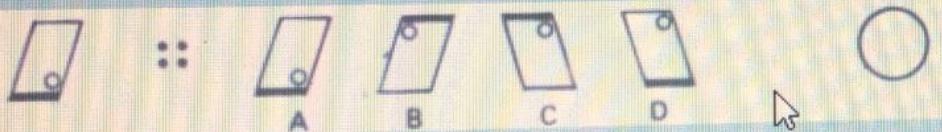
- a. 4
- b. 5
- c. 2

Imagine that all the shapes in this set are transparent sheets with a heavy black line along one edge-hand shapes represents the left-hand one, turned upside down. Select the letter that should come in the blank circle.

Example:



Question:



Select one:

- a. A
- b. B
- c. C

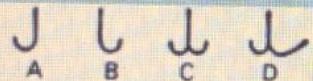
In the row given below, the first shape is related to the second shape in the same way that the third is related to the fourth.
Select from the options given, the figure on the right that should be the fourth shape.

Example:

A is to D as B is to  B B

Question:

L is to  as J is to



Select one:

- a. A
- b. C
- c. D



In the below line the three numbers on the left are related in the same way as the three numbers should be on the right. Select the best option suitable as middle number on the right.

Example: 2 (6) 3 :: (23)

Question:

7 (12) 5 :: 8 (....)3

Select one:

- a. 11
- b. 10
- c. 13

Select the best option for the below mentioned parentheses that belongs at that step in the series.

Question:

53, 47, (....), 35



Select one:

- a. 41
- b. 40
- c. 42

25

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g question

Designs were drawn on some faces of these cubes. The same design does not appear on the face of more than one cube. There are two blank faces on each cube. In the row given below, some of the drawings are the same cube turned around. If a cube can be the same as another, assume it is the same. Select from the options given, a number that should come in the circle at the end of each row the least number of different cubes represented in the row.

In the example, the second and third drawing are the same cube turned around.

Example



Question:



Select one:

- a. One
- b. Two (The first two represent the same cubes)
- c. Two (The first and third represent the same cube)

There are four terms in analogy. The first is related to the second in the same way that the third is related to the fourth. Choose the best one option.

Example: high is low as (sky, earth, tree, plant)

Question:

sitter is to chair as (teacup, saucer, plate, leg)



Select one:

- a. teacup, saucer
- b. teacup, plate
- c. saucer, leg