

## SSC Scientific Assistant (IMD 23-Nov-2017 (Computer Science))

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**QID : 1001** - Select the related word from the given alternatives.

Food : Cook :: Furniture : ?

**Options:**

- 1) Wood
- 2) Carpenter
- 3) Chair
- 4) Mason

**Correct Answer:** Carpenter

**QID : 1002** - Select the related letters from the given alternatives.

CFI : LOR :: KNQ : ?

**Options:**

- 1) PON
- 2) TWZ
- 3) OMK
- 4) PNL

**Correct Answer:** TWZ

**QID : 1003** - Select the related number from the given alternatives.

$1/16 : -1/32 :: -4 : ?$

**Options:**

- 1) 2
- 2) 4
- 3) 6
- 4) 8

**Correct Answer:** 2

**QID : 1004** - Select the odd word from the given alternatives.

**Options:**

- 1) Eye
- 2) Nose
- 3) Brain

4) Ear

**Correct Answer:** Brain

**QID : 1005** - Select the odd letters from the given alternatives.

Options:

1) TSR

2) CDE

3) MNO

4) HIJ

**Correct Answer:** TSR

**QID : 1006** - Select the odd number from the given alternatives.

**Options:**

1) 217

2) 259

3) 287

4) 261

**Correct Answer:** 261

**QID : 1007** - A series is given, with one word missing. Choose the correct alternative from the given ones that will complete the series.

Escape, Penalty, Typecast, State, Temperature, ?

**Options:**

1) Unfurls

2) Haggler

3) Response

4) Matings

**Correct Answer:** Response

**QID : 1008** - A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

ABABABAB, BABABAB, ABABAB, BABAB, ABAB, ?

**Options:**

1) ABA

2) BABA

3) ABAB

4) BAB

**Correct Answer:** BAB

**QID : 1009** - A series is given, with one number missing. Choose the correct alternative from the given ones that will complete the series.

-1.75, ? , -0.25, 0.5, 1.25

**Options:**

1) -1

2) 1

3) -1.5

4) -1.25

**Correct Answer:** -1

**QID : 1010** - Pihu's birthday is on Thursday 4th May. On what day of the week will be Navya's Birthday in the same year, if Navya was born on 21st October?

**Options:**

1) Sunday

2) Saturday

3) Wednesday

4) Monday

**Correct Answer:** Saturday

**QID : 1011** - The weights of 4 boxes are 80, 90, 50 and 60 Kg. Which of the following cannot be the total weight, in kilograms, of any combination of these boxes and in a combination a box can be used only once?

**Options:**

1) 280

2) 240

3) 220

4) 200

**Correct Answer:** 240

**QID : 1012** - From the given words, select the word which cannot be formed using the letters of the given word.

BORINGLY

**Options:**

- 1) ORGAN
- 2) ROBIN
- 3) GIRLY
- 4) BRING

**Correct Answer:** ORGAN

**QID : 1013** - If UTOPIAN is coded as SRMNGYL, then how will VEG be coded as?

**Options:**

- 1) QXK
- 2) TCE
- 3) WAO
- 4) LDZ

**Correct Answer:** TCE

**QID : 1014** - In a certain code language, '+' represents 'x', '-' represents '+', 'x' represents '÷' and '÷' represents '-'. What is the answer to the following question?

$$8 \times 16 \div 4 + 2 - 10/4 = ?$$

**Options:**

- 1) -5
- 2) 33
- 3) 22
- 4) -13

**Correct Answer:** -5

**QID : 1015** - If  $73 \% 12 = 13$ ,  $5 \% 14 = 10$ ,  $18 \% 20 = 11$  then what is the value of  $25 \% 6 = ?$

**Options:**

- 1) 13
- 2) 61
- 3) 34
- 4) 81

**Correct Answer:** 13

**QID : 1016 -**

Select the missing number from the given responses

दिए गए विकल्पों में से लुप्त संख्या चुनिए।

10	1	7
5	6	7
20	7	?
5	0	3

**Options:**

- 1) 11
- 2) 27
- 3) 13
- 4) 17

**Correct Answer: 17**

**QID : 1017 -** X and Y start from the same point. X walks 75 m West, then turns to his right and walks 130 m. At the same time, Y walks 60 m North, then turns East and walks 110 m, then turns to his left and walks 70 m. Where is Y now with respect to the position of X?

**Options:**

- 1) 185 m West
- 2) 35 m East
- 3) 185 m East
- 4) 35 m West

**Correct Answer:** 185 m East

**QID : 1018** - In the question two statements are given, followed by two conclusions, I and II. You have to consider the statements to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.

**Statement**

All chairs are sofas.

Some chairs are lounges.

**Conclusion**

Some lounges are sofas.

All sofas are lounges.

**Options:**

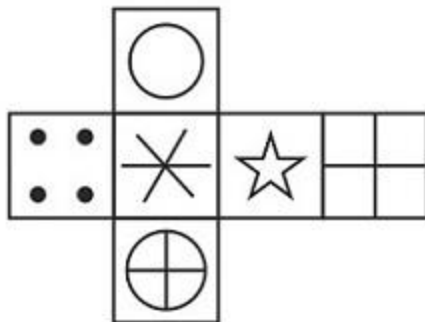
- 1) Only conclusion I follows
- 2) Only conclusion II follows
- 3) Both I and II follow
- 4) Neither I nor II follows

**Correct Answer:** Only conclusion I follows

**QID : 1019** -

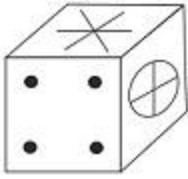
Which of the following cube in the answer figure cannot be made based on the unfolded cube in the question figure?

निम्नलिखित उत्तर आकृति में से कौन सा घन दिए गए प्रश्न आकृति में से खुले घन से बनाया नहीं जा सकता?

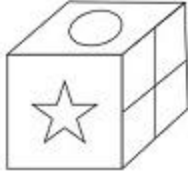


**Options:**

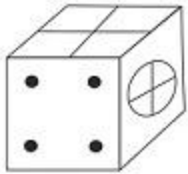
1)



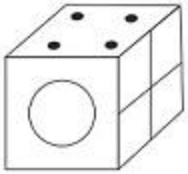
2)



3)



4)

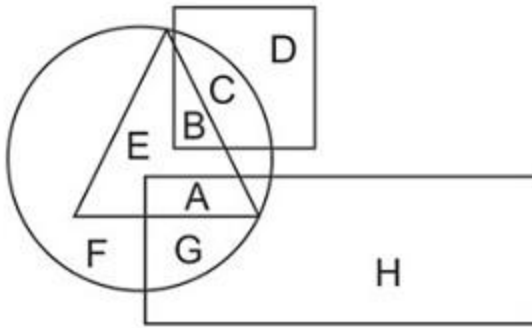


**Correct Answer:**

**QID : 1020 -**

In the following figure, square represents Interpreters, triangle represents Bikers, circle represents Teachers and rectangle represents Mothers. Which set of letters represents bikers who are Teachers?

निम्नलिखित आकृति में, वर्ग अनुवादकों को दर्शाता है, त्रिभुज बाईकर्स को दर्शाता है, वृत्त शिक्षकों को दर्शाता है और आयत माताओं को दर्शाता है। अक्षरों का कौन सा समूह बाईकर्स को दर्शाता है जो शिक्षक भी हैं?



**Options:**

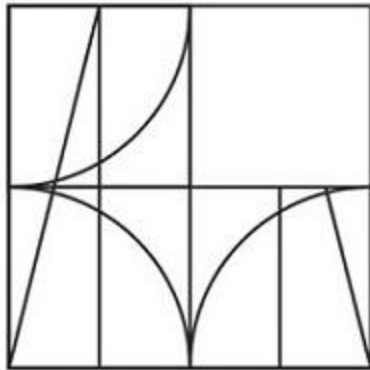
- 1) B,A,G
- 2) F,E,B
- 3) D,H,F
- 4) A,B,E

**Correct Answer:** A,B,E

**QID : 1021 -**

Which answer figure will complete the pattern in the question figure?

निम्नलिखित में से कौन-सी उत्तर आकृति प्रश्न आकृति के प्रतिरूप को पूरा करेगी?



**Options:**

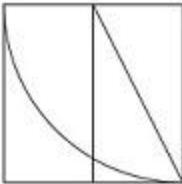
1)



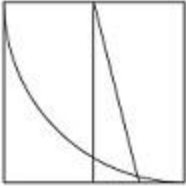
2)



3)



4)

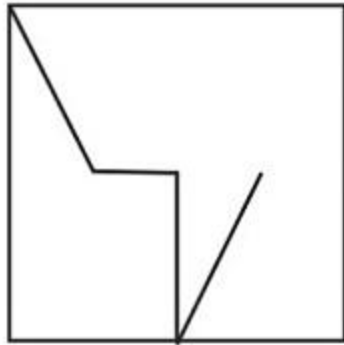


**Correct Answer:**

**QID : 1022 -**

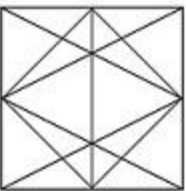
From the given answer figures, select the one in which the question figure is hidden/embedded.

दी गई उत्तर आकृतियों में से उस आकृति को चुनिए जिसमें प्रश्न आकृति निहित है।



**Options:**

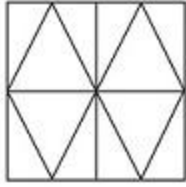
1)



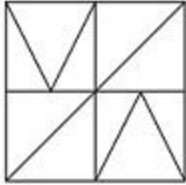
2)



3)



4)

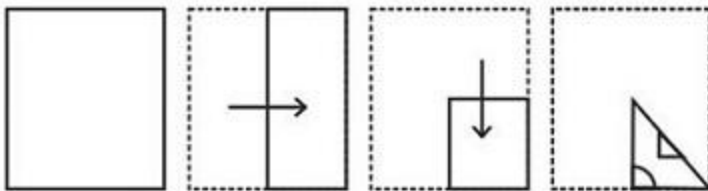


**Correct Answer:**

**QID : 1023 -**

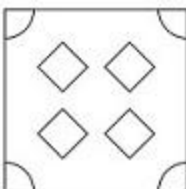
A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened.

प्रश्न आकृतियों में दिखाए अनुसार कागज को मोड़कर उसमें छेद करने तथा खोलने के बाद वह किस उत्तर आकृति जैसा दिखाई देगा?

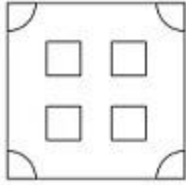


**Options:**

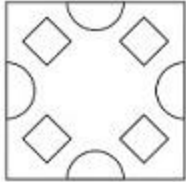
1)



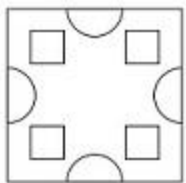
2)



3)



4)

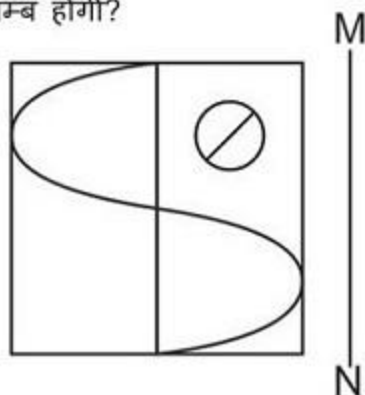


**Correct Answer:**

**QID : 1024 -**

If a mirror is placed on the line MN, then which of the answer figures is the right image of the given figure?

यदि एक दर्पण को MN रेखा पर रखा जाए तो दी गई उत्तर आकृतियों में से कौन-सी आकृति प्रश्न आकृति का सही प्रतिबिम्ब होगी?

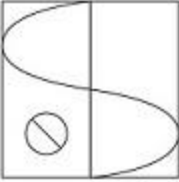


**Options:**

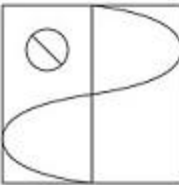
1)



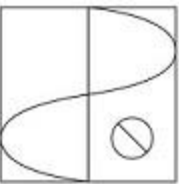
2)



3)



4)



**Correct Answer:**

QID : 1025 -

A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as shown in the given two matrices. The columns and rows of Matrix-I are numbered from 0 to 4 and that of Matrix-II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, for example 'K' can be represented by 32, 43 etc and 'Z' can be represented by 88, 98 etc. Similarly, you have to identify the set for the word 'TWIN'.

एक शब्द केवल एक संख्या-समूह द्वारा दर्शाया गया है, जैसा कि विकल्पों में से किसी एक में दिया गया है। विकल्पों में दिए गए संख्या-समूह अक्षरों के दो वर्गों द्वारा दर्शाए गए हैं, जैसा कि दिए गए दो आव्यूहों में है। आव्यूह-I के स्तम्भ और पंक्ति की संख्या 0 से 4 और आव्यूह-II की 5 से 9 है। इन आव्यूहों से एक अक्षर को पहले उसकी पंक्ति और बाद में स्तम्भ संख्या द्वारा दर्शाया जा सकता है। उदाहरण के लिए 'K' को 32, 43 आदि द्वारा दर्शाया जा सकता है तथा 'Z' को 88, 98 आदि द्वारा दर्शाया जा सकता है। इसी तरह से आपको प्रश्न में दिए शब्द 'TWIN' के लिए समूह को पहचानना है।

Matrix I आव्यूह - I					
	0	1	2	3	4
0	E	C	H	I	K
1	F	D	B	G	J
2	M	G	G	A	L
3	C	L	K	B	F
4	J	G	I	K	M

Matrix II आव्यूह - II					
	5	6	7	8	9
5	Q	U	S	R	O
6	T	O	T	P	O
7	Y	V	N	Q	U
8	W	S	X	Z	Y
9	N	Q	O	Z	V

Options:

- 1) 34,12,59,69
- 2) 65,85,42,77
- 3) 21,14,99,97

4) 13,04,59,85

**Correct Answer:** 65,85,42,77

**QID : 1026** - Convert binary 1010101 to decimal.

**Options:**

1) 85

2) 87

3) 89

4) 91

**Correct Answer:** 85

**QID : 1027** - A can do 75% of a job in 24 days and B can do half of the job in 4 days. If they work on it together in how many days can they the job?

**Options:**

1) 12. 8

2) 9.6

3) 6.4

4) 10. 2

**Correct Answer:** 6.4

**QID : 1028** - The diagonal of a square is 22 cm. What is the length (in cm) of its side?

**Options:**

1)  $22\sqrt{2}$

2)  $11/\sqrt{2}$

3)  $33\sqrt{2}$

4)  $11\sqrt{2}$

**Correct Answer:**  $11\sqrt{2}$

**QID : 1029** - If on a Sale there is 35% discount on the marked price of Rs 2400, but the sale is done at Rs 1248 only then what additional discount (in %) did the customer get?

**Options:**

1) 20

2) 15

3) 25

4) 30

**Correct Answer:** 20

**QID : 1030** - What is the third proportional to 9 and 75?

**Options:**

1) 675

2) 625

3) 725

4) 775

**Correct Answer:** 625

**QID : 1031** - In a class of 52 students there are 22 boys. The average weight of these boys is 57 Kg and average weight of the full class is 42 kgs. What is the average weight (in kgs) of the girls of the class?

Options:

1) 33

2) 31

3) 35

4) 37

**Correct Answer:** 31

**QID : 1032** - If a scooter is sold for Rs 23,750, the seller will face 5% loss. At what price (in Rs) should he sell to gain 10% profit?

Options:

1) 26750

2) 27500

3) 24750

4) 22750

**Correct Answer:** 27500

**QID : 1033** - Priya got 26 marks more in Arts than what she got in Crafts. Her Arts marks are 60% of the sum of her Arts and Crafts marks. What are her Crafts marks?

Options:

1) 78

2) 65

3) 91

4) 52

**Correct Answer:** 52

**QID : 1034** - To travel 600 km, a Express train takes 3 hours more than Duronto. If however, the speed of the Express train is doubled, it takes 4.5 hours less than Duronto. What is the speed (in km/hr) of Duronto ?

Options:

1) 50

2) 40

3) 80

4) 60

**Correct Answer:** 50

**QID : 1035** - What is the difference (in Rs) between the compound interests on Rs. 8000 for 1 year at 12% per annum compounded yearly and half-yearly?

Options:

1) 24.4

2) 18.8

3) 28.8

4) 14.4

**Correct Answer:** 28.8

**QID : 1036** - If  $9x/2 - (1/3)(5x/2 + 7) = -1/3$ , then what is the value of x?

Options:

1) 6/11

2) -6/11

3) 11/6

4) -11/6

**Correct Answer:** 6/11

**QID : 1037** - If  $a^3 - b^3 = 35$  and  $ab = -6$ , then what is the value of  $a - b$ ?

Options:

1) 5

2) 2

3) 4

4) 3

**Correct Answer:** 5

**QID : 1038** - A number is greater than 6 times its reciprocal by  $5/2$ . What is the number?

Options:

1) 6

2) 4

3) 5

4) 8

**Correct Answer:** 4

**QID : 1039** - What is the sum of the first 14 terms of an arithmetic progression if the 5th term is 1 and the 7th term is 11?

Options:

1) 93

2) 73

3) 187

4) 189

**Correct Answer:** 189

**QID : 1040** - What is the reflection of the point  $(-1, 3)$  in the line  $y = 2$ ?

**Options:**

1)  $(5, 3)$

2)  $(1, 1)$

3)  $(-1, 1)$

4)  $(5, -3)$

**Correct Answer:**  $(-1, 1)$

**QID : 1041** - Point A  $(8, 2)$  divides segment BC in the ratio 2:3. Co-ordinates of B are  $(-1, 6)$  and C are  $(x, y)$ . What is the value of y?

**Options:**

1) -4

2) 8

3) -8

4) 4

**Correct Answer:** -4

**QID : 1042** - At what point does the line  $6x - 5y = -12$  cuts the x-axis?

**Options:**

1)  $(2, 0)$

2)  $(0, 2)$

3)  $(-2, 0)$

4)  $(0, -2)$

**Correct Answer:**  $(-2, 0)$

**QID : 1043** -  $\triangle ABC$  is right angled at B. BD is an altitude. If  $AD = 50$  cm and  $DC = 8$  cm, what is the value of BD (in cm)?

**Options:**

1) 25

2) 16

3) 20

4) 42

**Correct Answer:** 20

**QID : 1044** - What is the value of  $\cot 30^\circ - \sqrt{2} \operatorname{cosec} 45^\circ = ?$

**Options:**

1)  $\sqrt{3} - 2$

2)  $(2\sqrt{2} - 1)/\sqrt{6}$

3)  $(\sqrt{3} - 2)/2$

4)  $(\sqrt{3} - 2)/\sqrt{3}$

**Correct Answer:**  $\sqrt{3} - 2$

**QID : 1045** - ? XYZ is right angled at Y. If  $m\angle Z = 60^\circ$ , then

Sec X.Tan Z =?

**Options:**

1) 2

2)  $2/3$

3)  $2/\sqrt{3}$

4)  $\sqrt{3}/2$

**Correct Answer:** 2

**QID : 1046** - If  $\tan \theta = 5/12$ , then  $\operatorname{Cosec} \theta = ?$

**Options:**

1)  $5/13$

2)  $12/5$

3)  $13/5$

4)  $13/12$

**Correct Answer:**  $13/5$

QID : 1047 -

The pie chart shows the number of vehicles sold (in 1000s) in one year in a certain territory. Study the diagram and answer the following question.

पाई चार्ट एक निश्चित में एक वर्ष में बेचे जाने वाले वाहनों की संख्या (हज़ारों में) दर्शाता है। इस आरेख का अध्ययन करें और निम्नलिखित प्रश्नों का उत्तर दें।



Which type of vehicles were sold more than trucks but less than SUVs?

**Options:**

- 1) Buses
- 2) Motorcycles
- 3) Cars
- 4) Scooters

**Correct Answer:** Cars

QID : 1048 -

The pie chart shows the number of vehicles sold (in 1000s) in one year in a certain territory. Study the diagram and answer the following question.

पाई चार्ट एक निश्चित में एक वर्ष में बेचे जाने वाले वाहनों की संख्या (हज़ारों में) दर्शाता है। इस आरेख का अध्ययन करें और निम्नलिखित प्रश्नों का उत्तर दें।



Ratio of number of motorcycles sold to total of cars and SUVs sold is?

**Options:**

- 1) 1 : 1
- 2) 3 : 7
- 3) 7 : 4
- 4) 3 : 4

**Correct Answer:** 1 : 1

QID : 1049 -

The pie chart shows the number of vehicles sold (in 1000s) in one year in a certain territory. Study the diagram and answer the following question.

पाई चार्ट एक निश्चित में एक वर्ष में बेचे जाने वाले वाहनों की संख्या (हज़ारों में) दर्शाता है। इस आरेख का अध्ययन करें और निम्नलिखित प्रश्नों का उत्तर दें।



If 27% of the trucks sold are trailers then how many trailers were sold in the year in the given territory?

**Options:**

- 1) 2000
- 2) 3645
- 3) 2700
- 4) 2465

**Correct Answer:** 2700

QID : 1050 -

The pie chart shows the number of vehicles sold (in 1000s) in one year in a certain territory. Study the diagram and answer the following question.

पाई चार्ट एक निश्चित में एक वर्ष में बेचे जाने वाले वाहनों की संख्या (हज़ारों में) दर्शाता है। इस आरेख का अध्ययन करें और निम्नलिखित प्रश्नों का उत्तर दें।



If 50% of scooters were sold at Rs 50,000/unit and rest were sold at Rs 60,000/unit then the total sales of scooters in the year in the given territory was?

**Options:**

- 1) Rs 27.5 lakhs
- 2) Rs 225 crores
- 3) Rs 275 crores
- 4) Rs 20 lakhs

**Correct Answer:** Rs 275 crores

**QID : 1051** - In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No Error'.

What brings them to the (1)/ institute is their dream to (2)/ make the world a better place. (3)/ No Error (4)

**Options:**

- 1) 1
- 2) 2
- 3) 3

4) 4

**Correct Answer:** 4

**QID : 1052** - In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No Error'.

Ravi fed it (1)/ with green (2)/ chilli but guava. (3)/ No Error (4)

**Options:**

1) 1

2) 2

3) 3

4) 4

**Correct Answer:** 3

**QID : 1053** - In the following question, a sentence is given with a blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.

It is famous for its \_\_\_\_\_ design.

**Options:**

1) peculiar

2) peculiarity

3) peculiarly

4) peculiars

**Correct Answer:** peculiar

**QID : 1054** - In the following question, a sentence is given with a blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.

The sculpture also has \_\_\_\_\_ wings jutting out from the forearms.

**Options:**

1) enormous

2) enormously

3) enormousness

4) enormity

**Correct Answer:** enormous

**QID : 1055** - In the following question, out of the four alternatives, select the word similar in meaning to the word given.

Extrinsic

Options:

- 1) Integral
- 2) Innate
- 3) Connate
- 4) Acquired

**Correct Answer:** Acquired

**QID : 1056** - In the following question, out of the four alternatives, select the word similar in meaning to the word given.

Corroboration

Options:

- 1) Rebuttal
- 2) Retraction
- 3) Veto
- 4) Affirmation

**Correct Answer:** Affirmation

**QID : 1057** - In the following question, out of the four alternatives, select the word opposite in meaning to the word given.

Gumption

**Options:**

- 1) Inanity
- 2) Acumen
- 3) Savvy
- 4) Astuteness

**Correct Answer:** Inanity

**QID : 1058** - In the following question, out of the four alternatives, select the word opposite in meaning to the word given.

Ridicule

**Options:**

- 1) Caricature
- 2) Contempt
- 3) Flattery

4) Jeer

**Correct Answer:** Flattery

**QID : 1059** - In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase.

Shoot the breeze

**Options:**

- 1) Brag about oneself
- 2) Talk idly, chat
- 3) Speak obvious lies
- 4) Burp after having a good meal

**Correct Answer:** Talk idly, chat

**QID : 1060** - In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase.

Under my thumb

**Options:**

- 1) A very easy task
- 2) To hide something
- 3) To pressurise someone to partner with you for a crime
- 4) Under my control

**Correct Answer:** Under my control

**QID : 1061** - In the following question, out of the four alternatives, select the alternative which will improve the bracketed part of the sentence. In case no improvement is needed, select "no improvement".

Students (are making) to work in the garden.

**Options:**

- 1) is made
- 2) was made
- 3) are made
- 4) No improvement

**Correct Answer:** are made

**QID : 1062** - In the following question, out of the four alternatives, select the alternative which will improve the bracketed part of the sentence. In case no improvement is needed, select "no improvement".

After examining the parrot, the vet cleaned the wound, stitched and (will bandage) it.

**Options:**

- 1) bandage

- 2) bandaged
- 3) bandaging
- 4) No improvement

**Correct Answer:** bandaged

**QID : 1063** - In the following question, out of the four alternatives, select the alternative which is the best substitute of the words / sentence.

A mental condition characterized by delusions

**Options:**

- 1) Prudent
- 2) Lucid
- 3) Paranoia
- 4) Rational

**Correct Answer:** Paranoia

**QID : 1064** - In the following question, out of the four alternatives, select the alternative which is the best substitute of the words / sentence.

Impossible or hard to read or decipher

**Options:**

- 1) Lucidity
- 2) Illegibility
- 3) Exactitude
- 4) Palpability

**Correct Answer:** Illegibility

**QID : 1065** - In the following question, four words are given out of which one word is correctly spelt. Select the correctly spelt word.

**Options:**

- 1) etiquette
- 2) etequette
- 3) etequete
- 4) etiquette

**Correct Answer:** etiquette

**QID : 1066** - In the following question, four words are given out of which one word is correctly spelt. Select the correctly spelt word.

**Options:**

- 1) unwearied
- 2) unvearied
- 3) unwearyied

4) unwearyed

**Correct Answer:** unwearied

**QID : 1067** - The question below consists of a set of labelled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph.

One may believe

X-that the mind consists of

Y-can cause motions in matter

Z-ideas, and may still hold that ideas

**Options:**

1) XYZ

2) ZYX

3) XZY

4) ZXY

**Correct Answer:** XZY

**QID : 1068** - The question below consists of a set of labelled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph.

This was the greatest

X-increase in the timing of

Y-seen on record in the Arctic

Z-emergence of spring the researchers had

**Options:**

1) XYZ

2) ZYX

3) ZXY

4) XZY

**Correct Answer:** XZY

**QID : 1069** - In the following question, a sentence has been given in Active / Passive voice. Out of the four alternatives suggested, select the one which best expresses the same sentence in Passive / Active voice.

My boss is giving many assignments.

**Options:**

1) Many assignments are being given by my boss.

2) Many assignments is being given by my boss.

3) Giving of many assignment has been done by my boss.

4) Giving of many assignment was being done by my boss.

**Correct Answer:** Many assignments are being given by my boss.

**QID : 1070** - In the following question, a sentence has been given in Direct / Indirect speech. Out of the four alternatives suggested, select the one which best expresses the same sentence in Indirect / Direct speech.

Their mother said to the children, "Be careful!"

Options:

- 1) Their mother asked that the children to be careful.
- 2) Their mother asks the children to be careful.
- 3) Their mother asked the children to be careful.
- 4) Their mother asks that the children to be careful.

**Correct Answer:** Their mother asked the children to be careful.

**QID : 1071** - In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

With a fair possibility of liquid water being present on at least three planets, the focus is now \_\_\_\_\_ deciphering the climate and chemical composition of their atmosphere. As a first measure, scientists are keen \_\_\_\_\_ if the planets are Earth-like, by ruling \_\_\_\_\_ the presence of hydrogen gas enveloping them. Mass estimates already suggest that the inner six planets \_\_\_\_\_ have a rocky composition, while the one with a low density may have a volatile composition due to the \_\_\_\_\_ of an ice layer or atmosphere.

the focus is now \_\_\_\_\_ deciphering the climate

**Options:**

- 1) to
- 2) for
- 3) from
- 4) on

**Correct Answer:** on

**QID : 1072** - In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

With a fair possibility of liquid water being present on at least three planets, the focus is now \_\_\_\_\_ deciphering the climate and chemical composition of their atmosphere. As a first measure, scientists are keen \_\_\_\_\_ if the planets are Earth-like, by ruling \_\_\_\_\_ the presence of hydrogen gas enveloping them. Mass estimates already suggest

that the inner six planets \_\_\_\_\_ have a rocky composition, while the one with a low density may have a volatile composition due to the \_\_\_\_\_ of an ice layer or atmosphere.

scientists are keen \_\_\_\_\_ if the planets are Earth-like

**Options:**

- 1) to know
- 2) know
- 3) knowing
- 4) on know

**Correct Answer:** to know

**QID : 1073** - In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

With a fair possibility of liquid water being present on at least three planets, the focus is now \_\_\_\_\_ deciphering the climate and chemical composition of their atmosphere. As a first measure, scientists are keen \_\_\_\_\_ if the planets are Earth-like, by ruling \_\_\_\_\_ the presence of hydrogen gas enveloping them. Mass estimates already suggest that the inner six planets \_\_\_\_\_ have a rocky composition, while the one with a low density may have a volatile composition due to the \_\_\_\_\_ of an ice layer or atmosphere. by ruling \_\_\_\_\_ the presence of hydrogen gas

**Options:**

- 1) out
- 2) in
- 3) outside
- 4) on

**Correct Answer:** out

**QID : 1074** - In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

With a fair possibility of liquid water being present on at least three planets, the focus is now \_\_\_\_\_ deciphering the climate and chemical composition of their atmosphere. As a first measure, scientists are keen \_\_\_\_\_ if the planets are Earth-like, by ruling \_\_\_\_\_ the presence of hydrogen gas enveloping them. Mass estimates already suggest that the inner six planets \_\_\_\_\_ have a rocky composition, while the one with a low density may have a volatile composition due to the \_\_\_\_\_ of an ice layer or atmosphere. the inner six planets \_\_\_\_\_ have a rocky composition

**Options:**

- 1) may be
- 2) hence
- 3) might
- 4) so

**Correct Answer:** might

**QID : 1075** - In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

With a fair possibility of liquid water being present on at least three planets, the focus is now \_\_\_\_\_ deciphering the climate and chemical composition of their atmosphere. As a first measure, scientists are keen \_\_\_\_\_ if the planets are Earth-like, by ruling \_\_\_\_\_ the presence of hydrogen gas enveloping them. Mass estimates already suggest that the inner six planets \_\_\_\_\_ have a rocky composition, while the one with a low density may have a volatile composition due to the \_\_\_\_\_ of an ice layer or atmosphere. volatile composition due to the \_\_\_\_\_ of an ice layer

**Options:**

- 1) present
- 2) presently
- 3) presenting
- 4) presence

**Correct Answer:** presence

**QID : 1076** - The Food Corporation of India (FCI) purchases wheat and rice from the farmers in states where there is surplus production. The farmers are paid a pre-announced price for their crops called as \_\_\_\_\_.

**Options:**

- 1) Minimum Retail Price
- 2) Maximum Retail Price
- 3) Minimum Support Price
- 4) Maximum Support Price

**Correct Answer:** Minimum Support Price

**QID : 1077** - Which two articles (Fundamental Rights) of Indian Constitution are not suspended even during National Emergency under Article 359?

**Options:**

- 1) Article 14 and 15
- 2) Article 16 and 17

3) Article 18 and 19

4) Article 20 and 21

**Correct Answer:** Article 20 and 21

**QID : 1078** - In India, all international treaties and agreements are made in the name of \_\_\_\_\_.

**Options:**

1) The Prime Minister of India

2) The President of India

3) The Chief Justice of India

4) The Foreign Minister of India

**Correct Answer:** The President of India

**QID : 1079** - Which of the following was a major incident to happen in India in year 1919?

**Options:**

1) Dandi March

2) Jallianwala Bagh Massacre

3) Non Cooperation Movement

4) Swadeshi Movement

**Correct Answer:** Jallianwala Bagh Massacre

**QID : 1080** - After which year, the struggle against British gradually became a mass movement?

**Options:**

1) 1910

2) 1915

3) 1919

4) 1923

**Correct Answer:** 1919

**QID : 1081** - Who founded 'Tattavabodhini Sabha'?

**Options:**

1) Rabindranath Tagore

2) Debendranath Tagore

3) Sarojini Naidu

4) Mahatma Gandhi

**Correct Answer:** Debendranath Tagore

**QID : 1082** - Which meridian or longitude is also termed as the Standard Meridian of India?

**Options:**

- 1) 27°30'E
- 2) 27°30'W
- 3) 82°30'W
- 4) 82°30'E

**Correct Answer:** 82°30'E

**QID : 1083** - The northern plains of India are formed of \_\_\_\_\_ deposits.

**Options:**

- 1) Coral
- 2) Alluvial
- 3) Silt
- 4) Volcanic

**Correct Answer:** Alluvial

**QID : 1084** - Which is one of the distinct features of the peninsular plateau?

**Options:**

- 1) Black soil area
- 2) Laterite soil area
- 3) Red soil area
- 4) Alluvial soil area

**Correct Answer:** Black soil area

**QID : 1085** - Which river marks the easternmost boundary of the Himalayas?

**Options:**

- 1) Ganga
- 2) Brahmaputra
- 3) Kosi
- 4) Gandak

**Correct Answer:** Brahmaputra

**QID : 1086** - Which state of India is the largest producer of cotton?

**Options:**

- 1) Gujarat
- 2) Rajasthan
- 3) Madhya Pradesh
- 4) Goa

**Correct Answer:** Gujarat

**QID : 1087** - Air moves from the high-pressure area over the southern Indian Ocean in a south-easterly direction and turn right towards low pressure areas over the Indian subcontinent. These we know as the \_\_\_\_\_ winds.

**Options:**

- 1) Easterly
- 2) Westerly
- 3) South-West Monsoon
- 4) Trade

**Correct Answer:** South-West Monsoon

**QID : 1088** - The marked price of an article is 50% more than its cost price. If 20% discount is given, then what will be the profit percentage?

**Options:**

- 1) 10
- 2) 30
- 3) 20
- 4) 40

**Correct Answer:** 20

**QID : 1089** - Which of the following is/are contact force / forces?

- I. Friction force
- II. Magnetic force
- III. Gravitation force

**Options:**

- 1) Only I
- 2) Only II
- 3) Only III
- 4) Both II and III

**Correct Answer:** Only I

**QID : 1090** - Which multicellular Eukaryotes, have cell wall and they do not perform photosynthesis?

**Options:**

- 1) Fungi
- 2) Plantae
- 3) Animalia

4) Protista

**Correct Answer:** Fungi

**QID : 1091** - Which among the following is an example of a saturated carbon compound?

**Options:**

- 1) Ethane
- 2) Ethene
- 3) Ethyne
- 4) All options are correct

**Correct Answer:** Ethane

**QID :1092** - Ministry of Power has launched which scheme with an aim at providing last mile electricity connectivity to all rural and urban households?

**Options:**

- 1) Shagun
- 2) Sahaj
- 3) Saubhagya
- 4) Saral

**Correct Answer:** Saubhagya

**QID : 1093** - Which is the 152 million year old fossil discovered for the first time in India (Kutch desert region of Gujrat)?

**Options:**

- 1) Ichthyosaur
- 2) Rajasaur
- 3) Masiakasaur
- 4) Barapasaur

**Correct Answer:** Ichthyosaur

**QID : 1094** - At which place is the Union Ministry of Youth Affairs and Sports going to establish National Sports Museum?

**Options:**

- 1) Barabati Stadium, Odisha
- 2) M. Chinnaswamy Stadium, Tamil Nadu
- 3) Nehru Stadium, Madhya Pradesh
- 4) Jawaharlal Nehru Stadium, Delhi

**Correct Answer:** Jawaharlal Nehru Stadium, Delhi

**QID : 1095** - The Union Cabinet has approved MoU between India and \_\_\_\_\_ on cooperation on Police Training.

Options:

- 1) Afghanistan
- 2) Sri Lanka
- 3) Bangladesh
- 4) Nepal

**Correct Answer:** Afghanistan

**QID : 1096** - Gauri Lankesh is the first Indian Journalist to win which one of the following awards?

Options:

- 1) Pulitzer
- 2) Anna Politkovskaya
- 3) Livingston
- 4) Golden Pear

**Correct Answer:** Anna Politkovskaya

**QID : 1097** - The largest commodity bourse Multi-Commodity Exchange of India Ltd (MCX) launched India's first commodity options in \_\_\_\_\_.

Options:

- 1) Gold
- 2) Silver
- 3) Diamonds
- 4) Platinum

**Correct Answer:** Gold

**QID : 1098** - Which country has officially opened its first overseas military base in the 'Horn of Africa', Djibouti?

Options:

- 1) China
- 2) Kenya
- 3) Nigeria
- 4) Tunisia

**Correct Answer:** China

**QID : 1099** - Where was The Global Wildlife Programme (GWP) Conference held recently?

**Options:**

- 1) Ernakulum
- 2) Pune
- 3) Chandigarh
- 4) New Delhi

**Correct Answer:** New Delhi

**QID : 1100** - Rajnish Kumar has been appointed as new chairman of which organisation?

**Options:**

- 1) Securities and Exchange Board of India (SEBI)
- 2) National Bank for Agriculture and Rural Development (NABARD)
- 3) Reserve Bank of India (RBI)
- 4) State Bank of India (SBI)

**Correct Answer:** State Bank of India (SBI)

**QID : 901** - The basic operations performed by a computer are\_\_\_\_\_.

**Options:**

- 1) Arithmetic operation
- 2) Logical operation
- 3) Storage and relative
- 4) All options are correct

**Correct Answer:** All options are correct

**QID : 902** - Which type of computers uses the 8-bit code called EBCDIC?

**Options:**

- 1) Minicomputers
- 2) Microcomputers
- 3) Mainframe computers
- 4) Supercomputer

**Correct Answer:** Mainframe computers

**QID : 903** - Which electronic component was made out of semiconductor material?

**Options:**

- 1) Vacuum tubes
- 2) Transistors
- 3) ICs

4) All options are correct

**Correct Answer:** ICs

**QID : 904** - The amount of time required to read a block of data from a disk into memory is composed of seek time, rotational latency, and transfer time. Rotational latency refers to

**Options:**

- 1) the time its takes for the platter to make a full rotation
- 2) the time it takes for the read-write head to move into position over the appropriate track
- 3) the time it takes for the platter to rotate the correct sector under the head
- 4) None of these

**Correct Answer:** the time its takes for the platter to make a full rotation

**QID : 905** - The idea of cache memory is based on\_\_\_\_\_.

**Options:**

- 1) on the property of locality of reference
- 2) on the heuristic 90-10 rule
- 3) on the fact that references generally tend to cluster
- 4) All options are correct

**Correct Answer:** on the property of locality of reference

**QID : 906** - Write Through technique is used in which memory for updating the data?

**Options:**

- 1) Virtual memory
- 2) Main memory
- 3) Auxiliary memory
- 4) Cache memory

**Correct Answer:** Cache memory

**QID : 907** - When CPU is executing a Program that is part of the Operating System, it is said to be in

**Options:**

- 1) Interrupt mode
- 2) System mode
- 3) Half mode
- 4) Simplex mode

**Correct Answer:** System mode

**QID : 908** - A floating point number that has a 0 in the MSB of mantissa is said to have

**Options:**

- 1) Overflow
- 2) Underflow
- 3) Important number
- 4) Undefined

**Correct Answer:** Underflow

**QID : 909** - The load instruction is mostly used to designate a transfer from memory to a processor register known as

**Options:**

- 1) Accumulator
- 2) Instruction Register
- 3) Program counter
- 4) Memory address Register

**Correct Answer:** Accumulator

**QID : 910** - Microinstructions are stored in control memory groups, with each group specifying a

**Options:**

- 1) Routine
- 2) Subroutine
- 3) Vector
- 4) Address

**Correct Answer:** Routine

**QID : 911** - What is the content of Stack Pointer (SP)?

**Options:**

- 1) Address of the current instruction
- 2) Address of the next instruction
- 3) Address of the top element of the stack
- 4) Size of the stack.

**Correct Answer:** Address of the top element of the stack

**QID : 912** - What type of work as computers are client computers (most of the time) in a client-server system?

**Options:**

- 1) Mainframe
- 2) Mini-computer
- 3) Microcomputer
- 4) PDA

**Correct Answer:** Microcomputer

**QID : 913** - What characteristic of read-only memory (ROM) makes it useful?

**Options:**

- 1) ROM information can be easily updated.
- 2) Data in ROM is non-volatile, that is, it remains there even without electrical power.
- 3) ROM provides very large amounts of inexpensive data storage.
- 4) ROM chips are easily swapped between different brands of computers.

**Correct Answer:** Data in ROM is non-volatile, that is, it remains there even without electrical power.

**QID : 914** - In analog computer

**Options:**

- 1) Input is first converted to digital form
- 2) Input is never converted to digital form
- 3) Output is displayed in digital form
- 4) All options are correct

**Correct Answer:** Input is never converted to digital form

**QID : 915** - \_\_\_\_\_ is an OOP principle.

**Options:**

- 1) Structured programming
- 2) Procedural programming
- 3) Inheritance
- 4) Linking

**Correct Answer:** Inheritance

**QID : 916** - What is the subnetwork number of a host with an IP address of 172.16.66.0/21?

**Options:**

- 1) 172.16.36.0
- 2) 172.16.48.0
- 3) 172.16.64.0

4) 172.16.0.0

**Correct Answer:** 172.16.64.0

**QID : 917** - Controlling access to a network by analyzing the incoming and outgoing packets is called

**Options:**

- 1) IP Filtering
- 2) Data Filtering
- 3) Packet Filtering
- 4) Firewall Filtering

**Correct Answer:** Packet Filtering

**QID : 918** - DNS is the abbreviation of

**Options:**

- 1) Dynamic Name System
- 2) Dynamic Network System
- 3) Domain Name System
- 4) Domain Network Service

**Correct Answer:** Domain Name System

**QID : 919** - What does Router do in a network?

**Options:**

- 1) Forwards a packet to all outgoing links
- 2) Forwards a packet to the next free outgoing link
- 3) Determines on which outgoing link a packet is to be forwarded
- 4) Forwards a packet to all outgoing links except the originated link

**Correct Answer:** Determines on which outgoing link a packet is to be forwarded

**QID : 920** - Routing tables of a router keeps track of

**Options:**

- 1) MAC Address Assignments
- 2) Port Assignments to network devices
- 3) Distribute IP address to network devices
- 4) Routes to use for forwarding data to its destination

**Correct Answer:** Routes to use for forwarding data to its destination

**QID : 921** - What does the port number in a TCP connection specify?

**Options:**

- 1) It specifies the communication process on the two end systems

2) It specifies the quality of the data & connection

3) It specifies the size of data

4) All options are correct

**Correct Answer:** It specifies the communication process on the two end systems

**QID : 922** - Which is true to change the text color to red?

**Options:**

1) <BODY BGCOLOR=RED>

2) <BODY TEXT=RED>

3) <BODY COLOR=RED>

4) None of these

**Correct Answer:** <BODY TEXT=RED>

**QID : 923** - Choose the correct HTML code to create an email link?

**Options:**

1) <A HREF = "user1@business.com"></A>

2) <A HREF = "mailto:"user1@business.com"></A>

3) <MAIL>"user1@business.com </MAIL>

4) <A MAILHREF = "user1@business.com"></A>

**Correct Answer:** <A HREF = "mailto:"user1@business.com"></A>

**QID : 924** - Which topology is used in Ethernet?

**Options:**

1) Bus Topology

2) Ring Topology

3) Tree Topology

4) Mesh Topology

**Correct Answer:** Bus Topology

**QID : 925** - Ethernet is a standard for

**Options:**

1) LAN

2) MAN

3) WAN

4) All options are correct

**Correct Answer:** LAN

**QID : 926** - What is a compiler?

**Options:**

- 1) A compiler does a conversion line by line as the program is run
- 2) A compiler converts the whole of a high-level program code into machine code in one step
- 3) A compiler is a general-purpose language providing very efficient execution
- 4) None of these

**Correct Answer:** A compiler converts the whole of a high-level program code into machine code in one step

**QID : 927** - What is a web browser?

**Options:**

- 1) a program that can display a web page
- 2) a program used to view html documents
- 3) it enables user to access the resources of internet
- 4) All options are correct

**Correct Answer:** All options are correct

**QID : 928** - What is the latest version of CSS available?

**Options:**

- 1) CSS2
- 2) CSS3
- 3) CSS3.1
- 4) CSS4

**Correct Answer:** CSS4

**QID : 929** - How many layers are present in the TCP/IP Reference model?

**Options:**

- 1) 6
- 2) 7
- 3) 5
- 4) 4

**Correct Answer:** 4

**QID : 930** - A top-to-bottom relationship among the items in a database is established by a

**Options:**

- 1) Hierarchical schema
- 2) Network schema

- 3) Relational schema
- 4) All options are correct

**Correct Answer:** Hierarchical schema

**QID : 931** - Which of these is not a database object?

**Options:**

- 1) Index
- 2) Sequence
- 3) Cursor
- 4) Trigger

**Correct Answer:** Cursor

**QID : 932** - Data items grouped together for storage purposes are called a:

**Options:**

- 1) Record
- 2) Title
- 3) List
- 4) String

**Correct Answer:** Record

**QID : 933** - A set of objects that share a common structure and a common behaviour is called:

**Options:**

- 1) Object
- 2) Class
- 3) Entity
- 4) None of these

**Correct Answer:** Class

**QID : 934** - Which of the following is an example of network database?

**Options:**

- 1) IDBS
- 2) Ingress
- 3) Oracle
- 4) DBMS

**Correct Answer** IDBS

**QID : 935** - What is used for database security?

**Options:**

- 1) data encryption
- 2) a view
- 3) finger print
- 4) All options are correct

**Correct Answer:** All options are correct

**QID : 936** - Which of the following is not a proper state of transaction?

**Options:**

- 1) Partially aborted
- 2) Partially committed
- 3) Aborted
- 4) Committed

**Correct Answer:** Partially aborted

**QID : 937** - Assume transaction A holds a share lock R. If a transaction B also requests for a shared lock on R.

**Options:**

- 1) it will result in a deadlock situation.
- 2) it will immediately be granted.
- 3) it will immediately be rejected.
- 4) it will be granted as soon as it is released by A.

**Correct Answer:** it will immediately be granted.

**QID : 938** - Which command is used to remove all rows from a table?

**Options:**

- 1) Delete
- 2) Remove
- 3) Truncate
- 4) Both 'Delete' and 'Remove'

**Correct Answer:** Truncate

**QID : 939** - Which command is used to add a column to an existing table?

**Options:**

- 1) Create
- 2) Update
- 3) Alter

4) None of these

**Correct Answer:** Alter

**QID : 940** - In a relational database, a referential integrity constraint can be specified with the help of:

**Options:**

- 1) primary key
- 2) foreign key
- 3) secondary key
- 4) None of these

**Correct Answer:** foreign key

**QID : 941** - Key to represent the relationship between tables is called

**Options:**

- 1) Primary Key
- 2) Secondary Key
- 3) Foreign Key
- 4) None of these

**Correct Answer:** Foreign Key

**QID : 942** - A DBMS that combines a DBMS and an application generator is \_\_\_\_\_.

**Options:**

- 1) Microsoft's SQL Server
- 2) Microsoft's Access
- 3) IBM's DB2
- 4) Oracle Corporation's Oracle

**Correct Answer:** Microsoft's Access

**QID : 943** - Find the SQL statement below that is equal to the following: SELECT NAME FROM CUSTOMER WHERE STATE = 'VA';

**Options:**

- 1) SELECT NAME IN CUSTOMER WHERE STATE IN ('VA');

2) SELECT NAME IN CUSTOMER WHERE STATE = 'VA';

3) SELECT NAME IN CUSTOMER WHERE STATE = 'V';

4) SELECT NAME FROM CUSTOMER WHERE STATE IN ('VA');

**Correct Answer:** SELECT NAME FROM CUSTOMER WHERE STATE IN ('VA');

**QID : 944** - Which of the following is true concerning an Object-Oriented Databases (ODBMS)?

**Options:**

1) They have the ability to store complex data types on the Web

2) They are overtaking RDBMS for all applications

3) They are most useful for traditional, two-dimensional database table applications

4) All options are correct

**Correct Answer:** They have the ability to store complex data types on the Web

**QID : 945** - Which of these is not applicable for IP protocol?

**Options:**

1) is connectionless

2) offer reliable service

3) offer unreliable service

4) None of these

**Correct Answer:** offer reliable service

**QID : 946** - In contiguous allocation :

**Options:**

1) each file must occupy a set of contiguous blocks on the disk

2) each file is a linked list of disk blocks

3) all the pointers to scattered blocks are placed together in one location

4) None of these

**Correct Answer:** each file must occupy a set of contiguous blocks on the disk

**QID : 947** - One difficulty of contiguous allocation is:

**Options:**

1) finding space for a new file

2) inefficient

3) costly

4) time taking

**Correct Answer:** finding space for a new file

**QID : 948** - \_\_\_\_\_ mounts, is when a file system can be mounted over another file system, that is remotely mounted, not local.

**Options:**

- 1) recursive
- 2) cascading
- 3) trivial
- 4) None of these

**Correct Answer:** cascading

**QID : 949** - Smallest piece of data that could be dealt separately is classified as

**Options:**

- 1) file record
- 2) item
- 3) data column
- 4) data rows

**Correct Answer:** item

**QID : 950** - Arrangement of data into a specific order is classified as

**Options:**

- 1) sorting
- 2) ordering
- 3) learning
- 4) enquiring

**Correct Answer:** sorting

**QID : 951** - System programs such as compiler are designed as that they are

**Options:**

- 1) re-enterable
- 2) non-reusable
- 3) serially usable
- 4) recursive

**Correct Answer:** re-enterable

**QID : 952** - An assembler converts

**Options:**

- 1) Machine code to mnemonics

- 2) High level language to assembly level
- 3) Assembly language to machine language
- 4) All options are correct

**Correct Answer:** Assembly language to machine language

**QID : 953** - An example of intermediate language is

**Options:**

- 1) SNOBOL
- 2) Pascal

- 3) COBOL
- 4) UNCOL

**Correct Answer:** UNCOL

**QID : 954** - A section of disk at the beginning of each partition is set aside to contain the table in :

**Options:**

- 1) FAT
- 2) linked allocation
- 3) Hashed allocation
- 4) indexed allocation

**Correct Answer:** FAT

**QID : 955** - Information about a process is maintained in a \_\_\_\_\_.

**Options:**

- 1) Stack
- 2) Translation Lookaside Buffer
- 3) Process Control Block
- 4) Program Control Block

**Correct Answer:** Process Control Block

**QID : 956** - Identify the odd thing in the services of operating system.

**Options:**

- 1) Accounting
- 2) Protection
- 3) Error detection and correction
- 4) Deadlock handling

**Correct Answer:** Error detection and correction

**QID : 957** - Which technique was introduced because a single job could not keep both the CPU and the I/O devices busy?

**Options:**

- 1) Time-sharing
- 2) Spooling
- 3) Preemptive scheduling
- 4) Multiprogramming

**Correct Answer:** Multiprogramming

**QID : 958** - The primary job of the operating system of a computer is to \_\_\_\_\_.

**Options:**

- 1) Command Resources
- 2) Manage Resources
- 3) Provide Utilities
- 4) Be user friendly

**Correct Answer:** Manage Resources

**QID : 959** - \_\_\_\_\_ is defined as the science of selecting and interconnecting hardware components to create computers that meets functional, performance and cost goals.

**Options:**

- 1) Computer
- 2) Calculator
- 3) Calculating machine
- 4) Computer architecture

**Correct Answer:** Computer architecture

**QID : 960** - The memory management system must therefore allow controlled access to \_\_\_\_\_ areas of memory without compromising essential protection.

**Options:**

- 1) relocated
- 2) protected
- 3) shared
- 4) organized

**Correct Answer:** shared

**QID : 961** - Among all memory management techniques \_\_\_\_\_ is simple to implement little operating system overhead.

**Options:**

- 1) Fixed partitioning

- 2) Simple Paging
- 3) Virtual memory paging
- 4) Simple segmentation

**Correct Answer:** Fixed partitioning

**QID : 962** - What is the name of the program that controls the overall functions of the computer?

**Options:**

- 1) The operating system
- 2) An application program
- 3) A Browser
- 4) The file manager

**Correct Answer:** The operating system

**QID : 963** - Which of the following is a service not supported by the operating system?

**Options:**

- 1) Protection
- 2) Managing resources
- 3) Compilation
- 4) I / O

**Candidate Answer:** I / O

**QID : 964** - A thread shares its resources (like data section, code, section, open, files, signals) with

**Options:**

- 1) other process similar to the one that the thread belongs to
- 2) other threads that belong to similar processes
- 3) other threads that belong to the same process
- 4) All options are correct

**Correct Answer:** other threads that belong to the same process

**QID : 965** - The operating system determines the manner in which all of the following occurs except

**Options:**

- 1) user creation of a document
- 2) user interaction with the processor
- 3) printer output
- 4) data displayed on the monitor

**Correct Answer:** user interaction with the processor

**QID : 966** - Which of the following is not part of operating system?

**Options:**

- 1) Kernel
- 2) Devices Drivers
- 3) User Interface
- 4) None of these

**Correct Answer:** None of these

**QID : 967** - The process of starting or restarting a computer system by loading instruction from a secondary storage device into the computer memory, is called

**Options:**

- 1) duping
- 2) booting
- 3) padding
- 4) All options are correct

**Correct Answer:** booting

**QID : 968** - \_\_\_\_\_ is when the computer is turned ON and the operating system is loaded.

**Options:**

- 1) Booting
- 2) Flashing
- 3) Tracking
- 4) Taping

**Correct Answer:** Booting

**QID : 969** - Which of the following is / are characteristics of an operating system?

**Options:**

- 1) Resource management
- 2) Error recovery
- 3) Memory management
- 4) All options are correct

**Correct Answer:** All options are correct

**QID : 970** - While running DOS on a PC, which command would be used to duplicate the entire diskette?

**Options:**

- 1) COPY

2) DISKCOPY

3) CHKDSK

4) TYPE

**Correct Answer:** DISKCOPY

**QID : 971 - A** \_\_\_\_\_ in C language is also known as record.

**Options:**

1) array

2) structure

3) pointer

4) enum

**Correct Answer:** structure

**QID : 972 - A function can**\_\_\_\_\_.

**Options:**

1) return a value

2) change value of actual arguments in call by reference

3) perform a task

4) All options are correct

**Correct Answer:** All options are correct

**QID : 973 - When you omit parameters from a function call, values can be provided by**

**Options:**

1) formal parameters

2) reference parameters

3) overloaded parameters

4) default parameters

**Correct Answer:** default parameters

**QID : 974 - You can place function templates**

**Options:**

1) at the end of main ()

2) at the start of a program above main ()

3) in two files-one for the definition and one for the function

4) All options are correct

**Correct Answer:** at the start of a program above main ()

**QID : 975** - The use of macros in place of functions

- A. reduces execution times
- B. reduces code size
- C. increases execution time

**Options:**

- 1) Only A
- 2) Only B
- 3) Both A and B
- 4) Only C

**Correct Answer:** Both A and B

**QID : 976** - \_\_\_\_\_ are the basic run-time entities in an object system.

**Options:**

- 1) Objects
- 2) Classes
- 3) Abstraction
- 4) Inheritance

**Correct Answer:** Objects

**QID : 977** - Paying attention to the important properties while ignoring inessential details is known as \_\_\_\_\_ .

**Options:**

- 1) selectiveness
- 2) polymorphism
- 3) abstraction
- 4) summarizing

**Correct Answer:** abstraction

**QID : 978** - If an expression contains double, int, float, long, then whole expression will promoted into which of these data types?

**Options:**

- 1) long
- 2) int
- 3) double
- 4) float

**Correct Answer:** double

**QID : 979 -**

What is the output of this program?

इस प्रोग्राम का आउटपुट क्या है?

```
main ( )  
{  
char ch = 'A';  
printf ("%d", sizeof (ch) );  
}
```

**Options:**

- 1) 1
- 2) 12
- 3) 2
- 4) 4

**Correct Answer: 1**

**QID : 980 -**

What is the output of this program?

इस प्रोग्राम का आउटपुट क्या है?

```
class dynamic_initialization {  
    public static void main(String args[])  
    {  
        double a, b;  
        a = 3.0;  
        b = 4.0;  
        double c = Math.sqrt(a * a + b * b);  
        System.out.println(c);  
    }  
}
```

**Options:**

- 1) 5
- 2) 25
- 3) 7
- 4) Compilation Error

**Correct Answer:** 5

**QID : 981** - A process refers to 5 pages, A, B, C, D, E in the order : A, B, C, D, A, B, E, A, B, C, D, E. If the page replacement algorithm is FIFO, the number of page transfers with an empty internal store of 3 frames is 7. If the number of page frames is increased to 4, then the number of page transfers :

**Options:**

- 1) decreases
- 2) increases
- 3) remains the same
- 4) None of these

**Correct Answer:** increases

**QID : 982** - A FIFO replacement algorithm associates with each page the \_\_\_\_\_.

**Options:**

- 1) time it was brought into memory
- 2) size of the page in memory
- 3) page after and before it
- 4) All options are correct

**Correct Answer:** time it was brought into memory

**QID : 983** - The aim of creating page replacement algorithms is to :

**Options:**

- 1) replace pages faster
- 2) increase the page fault rate
- 3) decrease the page fault rate
- 4) to allocate multiple pages to processes

**Correct Answer:** decrease the page fault rate

**QID : 984** - The essential content(s) in each entry of a page table is / are :

**Options:**

- 1) Virtual page number
- 2) Page frame number
- 3) Both virtual page number and page frame number
- 4) Access right information

**Correct Answer:** Page frame number

**QID : 985** - When a page fault occurs before an executing instruction is complete :

**Options:**

- 1) the instruction must be restarted
- 2) the instruction must be ignored
- 3) the instruction must be completed ignoring the page fault
- 4) None of these

**Correct Answer:** the instruction must be restarted

**QID : 986** - What is breach of availability?

**Options:**

- 1) This type of violation involves unauthorized reading of data
- 2) This violation involves unauthorized modification of data
- 3) This violation involves unauthorized destruction of data
- 4) This violation involves unauthorized use of resources

**Correct Answer:** This violation involves unauthorized destruction of data

**QID : 987** - Who unleashed famous worm attack in 1988 which effected UNIX systems and caused losses in millions?

**Options:**

- 1) Robert Morris
- 2) Bob Milano
- 3) Mark Zuckerberg
- 4) Bill Gates

**Correct Answer:** Robert Morris

**QID : 988** - The disadvantage of machine level programming is

**Options:**

- 1) time consuming
- 2) chances of error are more
- 3) debugging is difficult

4) All options are correct

**Correct Answer:** All options are correct

**QID : 989** - The extension file that is must for a file to be accepted by the LINK as a valid object file is.

**Options:**

- 1) .OBJ file
- 2) .EXE file
- 3) .MASM file
- 4) DEBUG file

**Correct Answer:** .OBJ file

**QID : 990** - Which of the following statements is true?

**Options:**

- 1) The input frequency of the programmable interval timer (PIT) is fixed.
- 2) The input frequency of the programmable interval timer (PIT) depends on processor clock.
- 3) The input frequency of the programmable interval timer (PIT) is variable.
- 4) The input frequency of the programmable interval timer (PIT) depends on hardware attached.

**Correct Answer:** The input frequency of the programmable interval timer (PIT) is fixed.

**QID : 991** - A swap space can reside in

**Options:**

- 1) Separate disk partition
- 2) RAM
- 3) Cache
- 4) None of these

**Correct Answer:** Separate disk partition

**QID : 992** - What is meaning of right-set?

**Options:**

- 1) It is a subset consist of read and write
- 2) It is a subset of all valid operations that can be performed on the object
- 3) It is a subset consist of read, write and execute
- 4) None of these

**Correct Answer:** It is a subset of all valid operations that can be performed on the object

**QID : 993** - Which two rights allow a process to change the entries in a column?

**Options:**

- 1) copy and transfer
- 2) copy and owner
- 3) owner and transfer
- 4) deny and copy

**Correct Answer:** copy and transfer

**QID : 994** - Which of the following objects require protection?

**Options:**

- 1) Monitor
- 2) Memory
- 3) Power supply unit
- 4) All options are correct

**Correct Answer:** Monitor

**QID : 995** - Which hardware triggers some operation after certain programmed count?

**Options:**

- 1) programmable interval timer
- 2) interrupt timer
- 3) programmable timer
- 4) None of these

**Correct Answer:** programmable interval timer

**QID : 996** - By definition a GIS must include:

- A. A subsystem for data reporting and product generation
- B. A method for data storage, retrieval, and representation
- C. Data analysis functions
- D. A means for the input of spatial and non-spatial data

**Options:**

- 1) Only A and B
- 2) Only B and C
- 3) Only A, B and D

4) All A, B, C and D

**Correct Answer:** All A, B, C and D

**QID : 997** - On which of the following operation of an image, the topology of the region changes?

**Options:**

- 1) Stretching
- 2) Rotation
- 3) Folding
- 4) Change in distance measure

**Correct Answer:** Folding

**QID : 998** - Which of the following can be a problem in manual digitizing?

- A. Inaccuracies in document registration.
- B. Availability of suitable hardware and software.
- C. Hand-eye coordination.
- D. Dimensional stability of source documents.

**Options:**

- 1) Only A
- 2) Only B and C
- 3) Only C and D
- 4) Only A, C and D

**Correct Answer:** Only A, C and D

**QID : 999** - Which of the following might be considered as the fourth dimension in GIS?

**Options:**

- 1) Time
- 2) Location
- 3) Scale
- 4) Space

**Correct Answer:** Time

**QID : 1000** - What can GIS NOT be used to visualize?

**Options:**

- 1) Patterns
- 2) Tables
- 3) Trends
- 4) Relationships

**Correct Answer:** Tables