

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

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:

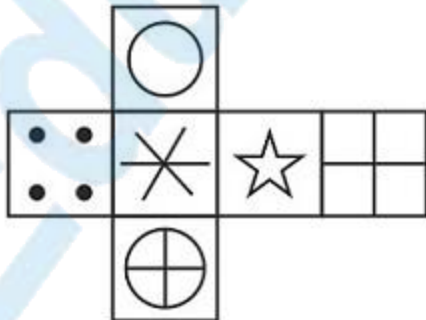
- 1) Only conclusion I follows
- 2) Only conclusion II follows
- 3) Both I and II follow
- 4) Neither I nor II follows

Correct Answer: Only conclusion I follows

QID : 1019 -

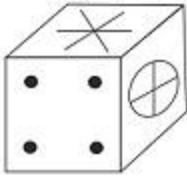
Which of the following cube in the answer figure cannot be made based on the unfolded cube in the question figure?

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

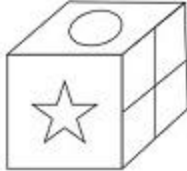


Options:

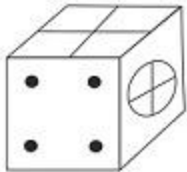
1)



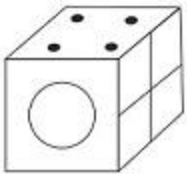
2)



3)



4)

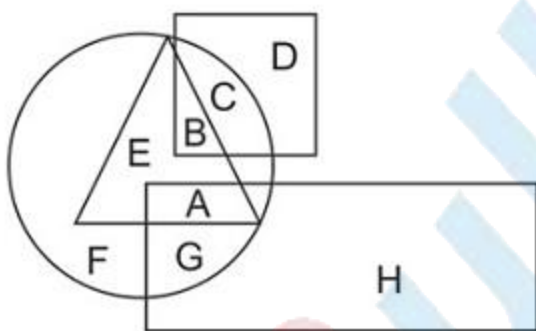


Correct Answer:

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:

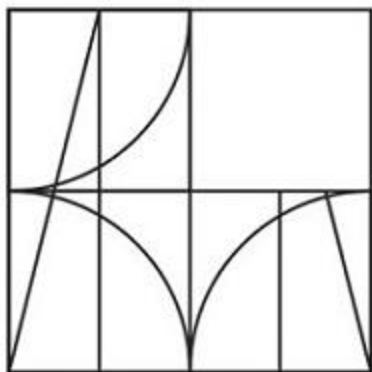
- 1) B,A,G
- 2) F,E,B
- 3) D,H,F
- 4) A,B,E

Correct Answer: A,B,E

QID : 1021 -

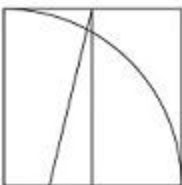
Which answer figure will complete the pattern in the question figure?

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

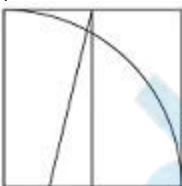


Options:

1)



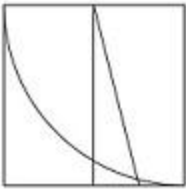
2)



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:

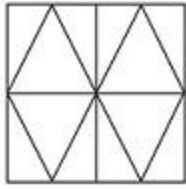
1)



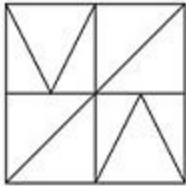
2)



3)



4)

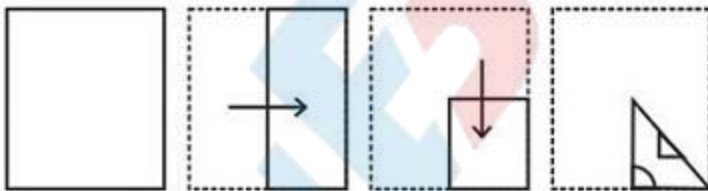


Correct Answer:

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?

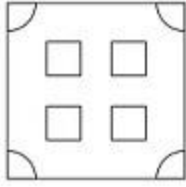


Options:

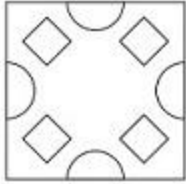
1)



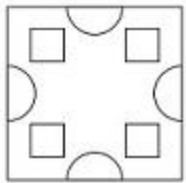
2)



3)



4)

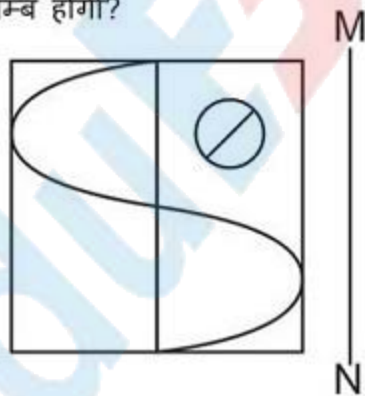


Correct Answer:

QID : 1024 -

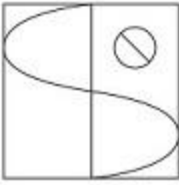
If a mirror is placed on the line MN, then which of the answer figures is the right image of the given figure?

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?

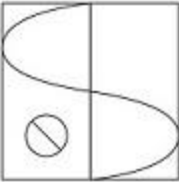


Options:

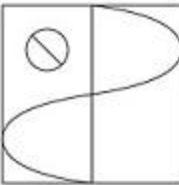
1)



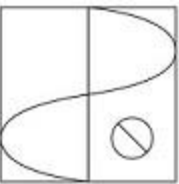
2)



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)
- 2)
- 3) <MAIL>"user1@business.com </MAIL>
- 4)

Correct Answer:

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