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Computer Based Examination System

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Title *	Question Paper Answer Key
OES Exam *	GPSC0720220804 / Pre Screening of Junior Scale Officer_4 / Completed / 2022-09-18

1	<b>Question Description</b>	<p>Directions: Read the following information carefully and answer the question given beside.</p> <p>In a code language,  start walk stop diet is coded as 8% #21 3\$7 *6  walk rest start bite is coded as #9 *6 2@9 #21  stop work diet rest is coded as ^78 8% 3\$7 #9  bite rest start diet is coded as 2@9 #9 *6 3\$7</p> <p>Find the code for 'work diet'?</p>
	A	3\$7 #9
	B	^78 3\$7
	C	^78 #9
	D	3\$7 *6
	E	None of the above
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

2

**Question Description**

There are eight members P, Q, R, S, T, U, V and W in a family. These eight persons belong to three different generations, such that there are three married couples, while two members are unmarried. Each couple has at least a child.

Further it is known that each of these eight persons works with a different company among A, B, C, D, E, F, G and H in any order. V and W are the only siblings in the family and U, W, R and S are of the same gender. W and V do not form a married couple.

The person who works with A is the mother of the person who works with F, who, in turn, is a female. V, does not work with E, and his daughter is S. R works with B. The person who works with G and the one who works with E belong to the same generation. The person who works with G is a female, whereas the person who works with E is a male. The person who works with C is the maternal grandfather of Q, who, in turn, works with D. T works with H.

Which of the following pairs of persons form a married couple?

**A**

V and U

**B**

S and T

**C**

R and T

**D**

More than one of the above

**E**

None of the above

**Correct Answer**

D

**Marks**

1

3

**Question Description**

Directions: Read the following information carefully and answer the questions given beside.

O	M	I	Y	S	U	Q	N	D	A	B	E	T	R	L
5	@	9	%	&	*	7	/	!	3	9	0	#	=	8

Conditions:

I. If the word starts with a vowel and ends with a consonant then interchange the codes of first and second last letter.

II. If third and sixth letter of a word is a vowel, then change the codes of letters at such position with the letters just next to them in the given table.

III. If the word has not less than three vowels, then replace the codes of all the vowels with 5.

Note- If more than one condition is applicable to a single word then apply the conditions as per their ascending order of their serial number.

Find the code for word "Equity"?

**A**

#755#%

**B**

57\*5#%

**C**

5755#%

**D**

\*7%5#%

**E**

None of the above

**Correct Answer**

E

**Marks**

1

4

<b>Question Description</b>	Choose the pair that best represents a similar relationship to the one expressed in the original pair of words. CONVICTION : INCARCERATION
<b>A</b>	reduction : diminution
<b>B</b>	induction : amelioration
<b>C</b>	radicalization : estimation
<b>D</b>	marginalization : intimidation
<b>E</b>	None of the above
<b>Correct Answer</b>	A
<b>Marks</b>	1

5

**Question Description**

There are eight members P, Q, R, S, T, U, V and W in a family. These eight persons belong to three different generations, such that there are three married couples, while two members are unmarried. Each couple has at least a child.

Further it is known that each of these eight persons works with a different company among A, B, C, D, E, F, G and H in any order. V and W are the only siblings in the family and U, W, R and S are of the same gender. W and V do not form a married couple.

The person who works with A is the mother of the person who works with F, who, in turn, is a female. V, does not work with E, and his daughter is S. R works with B. The person who works with G and the one who works with E belong to the same generation. The person who works with G is a female, whereas the person who works with E is a male. The person who works with C is the maternal grandfather of Q, who, in turn, works with D. T works with H.

Which company does W work with?

**A**

H

**B**

G

**C**

F

**D**

A

**E**

None of the above

**Correct Answer**

B

**Marks**

1

6

**Question Description**

X and Y run a 3 km race along a circular course of length 300m. Their speeds are in the ratio 3:2. If they start together in the same direction, how many times would the first one pass the other (the start-off is not counted as passing)?

**A**

2

**B**

3

**C**

4

**D**

5

**E**

None of the above

**Correct Answer**

B

**Marks**

1

7

**Question Description**

Each one of the three friends Budha, Lallu and Sharad is either from Earth or from Jupiter. Budha and Sharad make statements which are given below.

Budha: Both Lallu and Sharad are from Jupiter.

Sharad: Lallu says that he is not from Jupiter.

If it is known that the residents of Earth never speak a lie and the residents of Jupiter never speak the truth, then who is definitely from Jupiter?

**A**

Budha

**B**

Sharad

**C**

Both Budha and Sharad

**D**

Lallu

**E**

None of the above

**Correct Answer**

A

**Marks**

1

8

**Question Description**

Consider the following figures:

2	6	3	?
80	24	120	36

What is the missing number?

**A**

7

**B**

8

**C**

9

**D**

10

**E**

None of the above

**Correct Answer**

C

**Marks**

1

9

**Question Description**

At what time will the train reach city X from city Y?

I. The train crosses another train of equal length of 200 metres and running in opposite directions in 15 seconds.

II. The train leaves city Y at 7.15 a.m. for city X situated at a distance of 558 km.

III. The 200 metres long train crosses a signal pole in 10 seconds.

**A**

I only

**B**

II only

**C**

III only

**D**

II and III only

**E**

None of the above

**Correct Answer**

D

**Marks**

1

10

**Question Description**

What number continues the sequence?

25, 50, 27, 46, 31, 38, 39, ?

**A**

55

**B**

22

**C**

30

**D**

24

**E**

None of the above

**Correct Answer**

B

**Marks**

1

11

**Question Description**

Directions: A word and number arrangement machine, when given an input line of words and numbers, rearranges them following a particular rule in each step. The following is an illustration of input and rearrangement.

Input: Fable 76 Quibble 24 Terrible 54 Able 82 Gamble 65

Step1:82 Fable 76 Quibble 24 Terrible 54 Gamble 65 Able

Step2:Fable 82 76 Quibble 24 Terrible 54 Gamble Able 65

Step3:76 Fable 82 Quibble 24 Terrible 54 Able 65 Gamble

Step4:Quibble 76 Fable 82 Terrible 54 Able 65 Gamble 24

Step5:54 Quibble 76 Fable 82 Able 65 Gamble 24 Terrible

Step 5 is the final output.

Find the different steps of output using the above mentioned logic for the following input.

**Input: Scientific 29 Majaestic 34 Fantastic 58 Hectic 77 Genetic 84**

In the final output, how many elements are there between the greatest and the smallest numbers of the given arrangement?

**A**

Four

**B**

Two

**C**

Three

**D**

Five

**E**

None of the above

**Correct Answer**

E

**Marks**

1

12

**Question Description**

Direction: In each of the following question, there is a certain relationship between two given pair on both side of '::' . One word is given on another side of '::' while another word is to be found from the given options, having the same relation with this word as the words of the given pair . Choose the correct word from the following options.

Foundation : Edifice : : Constitution : ?

**A**

Government

**B**

State

**C**

Nation

**D**

Cabinet

**E**

None of the above

**Correct Answer**

C

**Marks**

1

13

**Question Description**

Read the passage given below and answer the question that follows.

The spat between Reliance Communications and Reliance Petrochemical has taken a new turn. Mukesh Ambani, owner of Reliance Petrochemical, has stated that he will supply natural gas to Anil Ambani owned gas power projects only when Anil Ambani owned Reliance Communications shelves its plan to sell the shares of Reliance Communications. So, the shares of Reliance Communications will not be sold.

Which of the following is the underlying assumption in the above argument?

**A**

Anil Ambani will not explore any other options available to him.

**B**

There are no other natural gas providers for the power projects owned by Anil Ambani.

**C**

Anil Ambani will accept the proposal offered by Mukesh Ambani.

**D**

Mukesh Ambani will not review the conditions offered in his proposal.

**E**

None of the above

**Correct Answer****C****Marks****1**

14

<b>Question Description</b>	At what time between 4 and 5 o'clock will the hands of a watch point in opposite directions?
<b>A</b>	45 min. past 4
<b>B</b>	40 min. past 4
<b>C</b>	$50\frac{4}{11}$ min. past 4
<b>D</b>	$54\frac{6}{11}$ min. past 4
<b>E</b>	None of the above
<b>Correct Answer</b>	D
<b>Marks</b>	1

**Question Description**

Directions: Study the following information carefully and answer the given questions.

Seven persons A, B, C, D, E, F and G live in a seven story building. The bottom floor is numbered 1 and the floor above it is numbered 2 and so on. The topmost floor is numbered 7. All the persons are working with different shops, viz Liberty, Puma, Sonata, Titan, Reebok, Nike and Walmart but not necessarily in the same order.

- C lives on the third floor but does not work with Liberty shop.
- B does not work with Puma. The one who works with Walmart lives immediately below the person who works with Titan.
- F works with Sonata but lives neither on an even numbered floor nor immediately above the one who works at Liberty.
- The floor on which A lives is immediately above the floor on the which B lives. A does not work with Liberty shop.
- The one who works with Nike lives immediately below the one who works with Puma.
- D lives on floor no. 6. Neither A nor E works with Reebok.
- G works with Titan and lies on the topmost floor.

Who among the following lives just below the one who works with Nike?

**A**

C

**B**

E

**C**

F

**D**

A

**E**

None of the above

**Correct Answer**

A

**Marks**

1

16

**Question Description**

Directions: Study the following questions carefully and choose the right answer:

Statement : The next meeting of the Governing Board of the Institute will be held after one year.

Assumptions: I. The Institute will remain in function after one year.

II. The Governing Board will be dissolved after one year.

**A** if only assumption I is implicit

**B** if only assumption II is implicit

**C** if either I or II is implicit

**D** if neither I nor II is implicit

**E** None of the above

**Correct Answer** A

**Marks** 1

17

**Question Description**

Directions: Read the following information carefully and answer the questions given beside.

Ten guards from A to J are standing on ten gates of a pentagon shaped park. The gates are built such that the gates at the corners of the park are large and the gates at the edges of the park are small. The guards at the large gate are facing towards the center while the guards at the small gate are facing outside the center.

B is standing third to the right of E, who is standing at one of the large gates. C is on the immediate left of D. I is an immediate neighbor of B and stands third to the right of F. C is not adjacent to both F and B. A is facing towards the center. G faces outside and is not an immediate neighbor of I and C. Only 4 guards stand between A and H.

Four of the following five are alike in a certain way and thus form a group. Which of the following does not belong to the same group?

**A**

D

**B**

I

**C**

E

**D**

B

**E**

None of the above

**Correct Answer**

D

**Marks**

1

18

**Question Description**

Directions: When a word and number arrangement machine is given an input line of words and numbers, it rearranges them following a particular logic at each step. Below given is an illustration of the same.

Input: grief 37 myth 84 rubbish 53 constant 45 persistence 26

Step I: persistence 26 grief 37 myth 84 rubbish 53 constant 45

Step II: constant 37 persistence 26 grief myth 84 rubbish 53 45

Step III: rubbish 45 constant 37 persistence 26 grief myth 84 53

Step IV: myth 53 rubbish 45 constant 37 persistence 26 grief 84

Step V: grief 84 myth 53 rubbish 45 constant 37 persistence 26

Step V is the last step of the arrangement.

On the basis of above illustration find the various steps of arrangement for the input given below.

Input: label 51 rhythm 22 sabotage 82 complete 91 sufficiency 16

Which of the following comes exactly between 'complete' and 'sufficiency' in step III?

**A**

Both rhythm and 22

**B**

rhythm

**C**

22

**D**

51

**E**

None of the above

**Correct Answer**

B

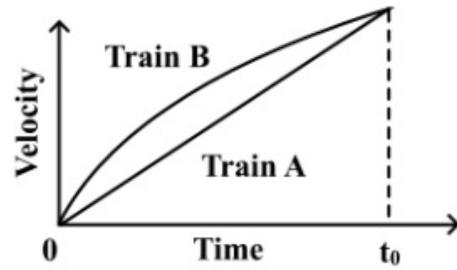
**Marks**

1

19

**Question Description**

Consider the following Velocity-Time graph. It shows two trains starting simultaneously on parallel tracks.



With reference to the above graph, which one of the following statements is not correct?

- A** Train B has an initial acceleration greater than that of Train A.
- B** Train B is faster than Train A at all times.
- C** Both trains have the same velocity at time  $t_0$ .
- D** Both trains travel the same distance in time  $t_0$  units.
- E** None of the above

**Correct Answer** D

**Marks** 1

20

<b>Question Description</b>	If all the consonants starting from B are given sequentially the value of even numbers such as B=2, C=4, and all the vowels are given the value of 5 each then what will be the value of the letters of the word CUSTOM ?
<b>A</b>	92
<b>B</b>	86
<b>C</b>	82
<b>D</b>	96
<b>E</b>	None of the above
<b>Correct Answer</b>	D
<b>Marks</b>	1

21

**Question Description**

A team of three, comprising two boys and one girl, has to be selected from a group of seven people A, B, C, D, E, F and G in which there are three girls and four boys. Some of the possible teams are shown below:

Team 1	A C E
Team 2	B D F
Team 3	E F G
Team 4	A B D

Who among the following is/are girl(s)?

**A**

A

**B**

C

**C**

G

**D**

Both C and G

**E**

None of the above

**Correct Answer**

D

**Marks**

1

22

**Question Description**

Directions: In each question below are given some statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows/follow from the given statements, disregarding commonly known facts.

Statements:

Some boys are girls.

Some girls are women.

All women are men.

Conclusions:

I. Some men are girls.

II. All boys being men is a possibility.

**A**

Neither I nor II follows

**B**

Only I follows

**C**

Either I or II follows

**D**

Both I and II follow

**E**

None of the above

**Correct Answer**

D

**Marks**

1

23

**Question Description**

Study the following questions carefully and choose the right answer:

Statement: The cinema halls are incurring heavy losses these days as people prefer to watch movies in home on TV than to visit cinema halls.

Courses of action:

I. The cinema halls should be demolished and residential multi-storey buildings should be constructed there.

II. The cinema halls should be converted into shopping malls.

**A**

Only I follows

**B**

Only II follows

**C**

Either I or II follows

**D**

Neither I nor II follows

**E**

None of the above

**Correct Answer**

D

**Marks**

1

24

**Question Description**

What will come in place of the question mark (?) in the following number series?  
9, 31, 73, 141, (?)

**A**

164

**B**

280

**C**

239

**D**

241

**E**

None of the above

**Correct Answer**

D

**Marks**

1

25

**Question Description**

Directions: Study the following information carefully and answer the questions given beside:

Garv is the son of Sashi. Heer is the father of Manu. Garv is married to Devi. Garv and Manu are siblings. Prem is the brother of Devi. Sashi has only one son. Riya is the son of Garv. Prem is the father of Kaka. Joshi is the daughter of Manu. Prem has no daughters.

How is Manu related to prem?

**A**

Daughter

**B**

Sister in law

**C**

Wife of brother in law

**D**

Sister

**E**

None of the above

**Correct Answer**

B

**Marks**

1

26

**Question Description**

Directions: In these questions, relationship between different elements is shown in the statement. The statements are followed by two conclusions. Choose the correct answer given below:

Statements:  $Y \geq P = O$ ,  $P < R \leq J$

Conclusions:

I.  $R > Y$

II.  $J > O$

**A**

Only conclusion I follows

**B**

Only conclusion II follows

**C**

Both conclusion I and II follow

**D**

Neither conclusion I nor conclusion II follows.

**E**

None of the above

**Correct Answer**

B

**Marks**

1

27

**Question Description**

P, Q, R, S and T were the five participants in a race. Before the race, there were five predictions made for the final positions. The predictions were:

1. TRQPS
2. SPTRQ
3. SRQPT
4. QSPTR
5. SRQTP

The leftmost means the first position and the rightmost means the fifth position in any sequence.

No prediction was completely correct. But two of them correctly predicted the position of exactly two of the runners. The remaining three predictions were incorrect for all the five participants. What was the actual outcome of the race?

**A**

QPSTR

**B**

QPTSR

**C**

QTPSR

**D**

QPTRS

**E**

None of the above

**Correct Answer**

B

**Marks**

1

28

**Question Description**

A bill for 1,840 is paid in the denominations of 50, 20 and 10 notes. 50 notes in all are used. Consider the following statements:

1. 25 notes of 50 are used and the remaining are in the denominations of 20 and 10.
2. 35 notes of 20 are used and the remaining are in the denominations of 50 and 10.
3. 20 notes of 10 are used and the remaining are in the denominations of 50 and 20.

Which of the above statements are not correct?

**A**

1 and 2 only

**B**

2 and 3 only

**C**

1 and 3 only

**D**

1, 2 and 3

**E**

None of the above

**Correct Answer**

D

**Marks**

1

29

**Question Description**

Directions: Read the following alphanumeric symbol series carefully and answer the question based on it.

T \$ 6 U K 7 % \* 4 J O @ 2 3 L P 9 8 A # Y ^ 5 W &

If all the even digits are skipped from the sequence then which of the following elements is fifth to the right of '@'?

**A**

A

**B**

U

**C**

W

**D**

Y

**E**

None of the above

**Correct Answer**

A

**Marks**

1

30

**Question Description**

Each question presents a situation and asks you to make a judgment regarding that particular circumstance. Choose an answer based on given information.

Mrs. Jansen recently moved to Arizona. She wants to fill her new backyard with flowering plants. Although she is an experienced gardener, she isn't very well-versed in what plants will do well in the Arizona climate. Also, there is a big tree in her backyard making for shady conditions and she isn't sure what plants will thrive without much direct sunlight. Her favorite gardening catalog offers several backyard seed packages.

Which one should Mrs. Jansen choose?

**A**

The Rainbow Collection is ideal for North-east gardens. It includes a variety of colorful perennials that thrive in cool, moist conditions.

**B**

The Greenhouse Collection will blossom year after year if planted in brightly lit locations and watered regularly.

**C**

The Treehouse Collection will provide lush green plants with delicate colorful flowers that thrive in shady and partially shady locations.

**D**

The Oasis Collection includes a variety of perennials that thrive in dry climates and bright sunlight.

**E**

None of the above

**Correct Answer****C****Marks****1**

31

**Question Description**

Each of the questions given below consists of a question followed by three statements. You have to study the question and the statements and decide which of the statement(s) is/are necessary to answer the question.

What is the speed of the boat in still water?

I. The speed downstream is 12 kmph.

II. The speed upstream is 4 kmph.

III. In a to and fro journey between two points, the average speed of the boat was 6 kmph.

**A**

I and II only

**B**

All I, II and III

**C**

III, and either I or II

**D**

Any two of the three

**E**

None of the above

**Correct Answer**

D

**Marks**

1

32

**Question Description**

Directions: Study the following information carefully and answer the given questions.

Seven persons A, B, C, D, E, F and G live in a seven story building. The bottom floor is numbered 1 and the floor above it is numbered 2 and so on. The topmost floor is numbered 7. All the persons are working with different shops, viz Liberty, Puma, Sonata, Titan, Reebok, Nike and Walmart but not necessarily in the same order.

- C lives on the third floor but does not work with Liberty shop.
- B does not work with Puma. The one who works with Walmart lives immediately below the person who works with Titan.
- F works with Sonata but lives neither on an even numbered floor nor immediately above the one who works at Liberty.
- The floor on which A lives is immediately above the floor on the which B lives. A does not work with Liberty shop.
- The one who works with Nike lives immediately below the one who works with Puma.
- D lives on floor no. 6. Neither A nor E works with Reebok.
- G works with Titan and lies on the topmost floor.

Who among the following lives on the first floor?

**A** The one who work with Reebok

**B** The one who works with Sonata

**C** The one who works with Puma

**D** Can't be determined

**E** None of the above

**Correct Answer** B

**Marks** 1

33

**Question Description**

Direction: In each of the following question, there is a certain relationship between two given pair on both side of '::' . One part is given on another side of '::' while another part is to be found from the given options, having the same relation with this part as the parts of the given pair . Choose the correct part from the following options.

SHI : RIJ :: QJK : ?

**A**

TDE

**B**

PKL

**C**

UGH

**D**

VPQ

**E**

None of the above

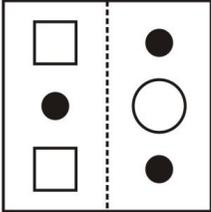
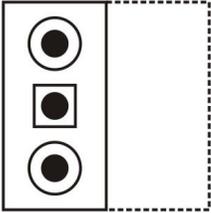
**Correct Answer**

B

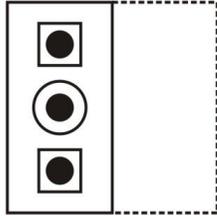
**Marks**

1

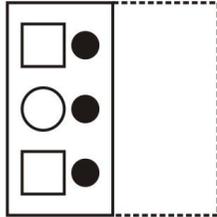
34	<b>Question Description</b>	Two pipes A and B can fill a tank in 15 minutes and 20 minutes respectively. Both the pipes are opened together but after 4 minutes, pipe A is turned off. What is the total time required to fill the tank?
	<b>A</b>	10 min. 20 sec.
	<b>B</b>	11 min. 45 sec.
	<b>C</b>	12 min. 30 sec.
	<b>D</b>	14 min. 40 sec.
	<b>E</b>	None of the above
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

35	<b>Question Description</b>	A square transparent sheet with a pattern is given in Figure. Find out from amongst the alternatives as to how the pattern would appear when the transparent sheet is folded at the dotted line.
		
	<b>A</b>	

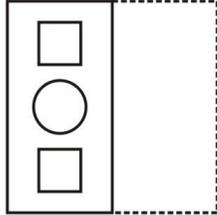
B



C



D



E

None of the above

**Correct Answer**

B

**Marks**

1

36

**Question Description**

There are eight members P, Q, R, S, T, U, V and W in a family. These eight persons belong to three different generations, such that there are three married couples, while two members are unmarried. Each couple has at least a child.

Further it is known that each of these eight persons works with a different company among A, B, C, D, E, F, G and H in any order. V and F are the only siblings in the family and U, W, R and S are of the same gender. W and V do not form a married couple.

The person who works with A is the mother of the person who works with F, who, in turn, is a female. V, does not work with E, and his daughter is S. R works with B. The person who works with G and the one who works with E belong to the same generation. The person who works with G is a female, whereas the person who works with E is a male. The person who works with C is the maternal grandfather of Q, who, in turn, works with D. T works with H.

Who among the following is the spouse of the person working with E?

**A**

R

**B**

S

**C**

W

**D**

The person works with E is unmarried.

**E**

None of the above

**Correct Answer**

B

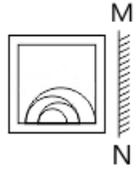
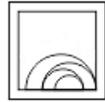
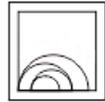
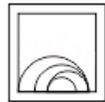
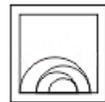
**Marks**

1

37

**Question Description**

Find Mirror images

**A****B****C****D****E**

None of the above

**Correct Answer**

D

**Marks**

1

38	<b>Question Description</b>	Direction: In each of the following question, there is a certain relationship between two given pair on both side of '::' . One part is given on another side of '::' while another part is to be found from the given options, having the same relation with this part as the parts of the given pair . Choose the correct part from the following options. 83 : 25 :: 29 : ?
	<b>A</b>	44
	<b>B</b>	49
	<b>C</b>	40
	<b>D</b>	63
	<b>E</b>	None of the above
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

39	<b>Question Description</b>	If 6th March, 2005 is Monday, what was the day of the week on 6th March, 2004?
	<b>A</b>	Sunday
	<b>B</b>	Saturday
	<b>C</b>	Tuesday
	<b>D</b>	Wednesday
	<b>E</b>	None of the above
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

40

**Question Description**

Find missing number

<b>5</b>	<b>3</b>	<b>6</b>
<b>7</b>	<b>20</b>	<b>?</b>
<b>9</b>	<b>21</b>	<b>17</b>
<b>38</b>	<b>?</b>	<b>47</b>

**A** 43,32**B** 55,65**C** 43,48**D** 43,55**E** None of the above**Correct Answer** D**Marks** 1

41

**Question Description**

Five men are sitting around a circular table in such a way that all of them can see each other. Each of these five men is wearing a hat the colour of which is not known to him. However, all of them are aware that the hats have to be either black or white in colour and there are at least two hats of each colour. How many of them can deduce the colour of their hats if they are not allowed to communicate with each other?

**A**

1

**B**

2

**C**

3

**D**

4

**E**

None of the above

**Correct Answer**

B

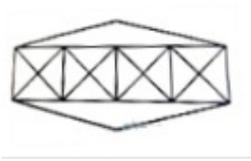
**Marks**

1

42

**Question Description**

Count the number of triangles and squares in the given figure.

**A**

36 triangles, 7 Squares

**B**

38 triangles, 9 Squares

**C**

40 triangles, 7 Squares

**D**

42 triangles, 9 Squares

**E**

None of the above

**Correct Answer**

C

**Marks**

1

43

**Question Description**

Which word in brackets is most opposite in meaning to the following word in capitals?  
KNACK

**A**

necessity

**B**

surplus

**C**

ineptitude

**D**

facility

**E**

None of the above

**Correct Answer**

C

**Marks**

1

44

**Question Description**

The following questions are based on five words given below:

MET

ARK

MOB

SKI

URN

(The new words formed after performing the mentioned operations may or may not necessarily be meaningful English word)

If the given words were arranged in the order as they would appear in a dictionary from left to right, which of the following will be second from the right?

**A**

MET

**B**

ARK

**C**

MOB

**D**

SKI

**E**

None of the above

**Correct Answer**

D

**Marks**

1

45

**Question Description**

Directions: Study the following information carefully and answer the given questions.

Seven persons A, B, C, D, E, F and G live in a seven story building. The bottom floor is numbered 1 and the floor above it is numbered 2 and so on. The topmost floor is numbered 7. All the persons are working with different shops, viz Liberty, Puma, Sonata, Titan, Reebok, Nike and Walmart but not necessarily in the same order.

- C lives on the third floor but does not work with Liberty shop.
- B does not work with Puma. The one who works with Walmart lives immediately below the person who works with Titan.
- F works with Sonata but lives neither on an even numbered floor nor immediately above the one who works at Liberty.
- The floor on which A lives is immediately above the floor on the which B lives. A does not work with Liberty shop.
- The one who works with Nike lives immediately below the one who works with Puma.
- D lives on floor no. 6. Neither A nor E works with Reebok.
- G works with Titan and lies on the topmost floor.

E works at which of the following shops?

**A** Reebok

**B** Puma

**C** Liberty

**D** Nike

**E** None of the above

**Correct Answer** C

**Marks** 1

46

**Question Description**

There are eight members P, Q, R, S, T, U, V and W in a family. These eight persons belong to three different generations, such that there are three married couples, while two members are unmarried. Each couple has at least a child.

Further it is known that each of these eight persons works with a different company among A, B, C, D, E, F, G and H in any order. V and W are the only siblings in the family and U, W, R and S are of the same gender. W and V do not form a married couple.

The person who works with A is the mother of the person who works with F, who, in turn, is a female. V, does not work with E, and his daughter is S. R works with B. The person who works with G and the one who works with E belong to the same generation. The person who works with G is a female, whereas the person who works with E is a male. The person who works with C is the maternal grandfather of Q, who, in turn, works with D. T works with H.

Which of the following statements is/are definitely true?

**A** U works with A.

**B** W is the daughter of P.

**C** Q is a male.

**D** More than one of the above

**E** None of the above

**Correct Answer** A

**Marks** 1

47

**Question Description**

Directions: Read the following information carefully and answer the questions given beside.

Seven players viz. L,M,N,O,P,Q, and R of Volleyball were standing on a ground such that L was 10m to the north of R, who was 5m west of Q. M was 6m south of N, who was 8m east of R. P was 13m north of N and 4m east of O.

After sometime few of them changed their position, which will be denoted by adding ` to their names. For example - new position of L will be denoted as L`.

O moved 5m towards south and then turned left and moved 2m and stopped.

L moved 5m towards north-east and then moved 1m in north and stopped.

If Q moved 1m towards west then what is the straight distance between L` and Q`?

**A**

12m

**B**

15m

**C**

14m

**D**

17m

**E**

None of the above

**Correct Answer**

C

**Marks**

1

48

**Question Description**

Which Answer Figure will complete the pattern in the figure?

**A****B****C****D****E**

None of the above

**Correct Answer**

A

**Marks**

1

49

**Question Description**

Directions: Each of the following consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question.

A teacher wrote a meaningful English word on the black-board. Find the exactly middle letter of the 5 letter word?

Statement I : The first and last letter of the word is 'E'. The second and fourth letters of the word are consecutive letters in English alphabet series. R is adjacent to A.

Statement II : The first and last vowel is same. Only one letter is placed between A and E. S is written after R. The vowels are placed at odd numbered positions.

**A**

If the data in statement I is sufficient to answer the question.

**B**

If the data in statement II is sufficient to answer the question.

**C**

If the data in either statement I or statement II is sufficient to answer the question.

**D**

If the data in both statement I and statement II is necessary to answer the question.

**E**

None of the above

**Correct Answer****C****Marks****1**

50

**Question Description**

Directions: Study the following information carefully and answer the given questions.

Seven persons A, B, C, D, E, F and G live in a seven story building. The bottom floor is numbered 1 and the floor above it is numbered 2 and so on. The topmost floor is numbered 7. All the persons are working with different shops, viz Liberty, Puma, Sonata, Titan, Reebok, Nike and Walmart but not necessarily in the same order.

- C lives on the third floor but does not work with Liberty shop.
- B does not work with Puma. The one who works with Walmart lives immediately below the person who works with Titan.
- F works with Sonata but lives neither on an even numbered floor nor immediately above the one who works at Liberty.
- The floor on which A lives is immediately above the floor on the which B lives. A does not work with Liberty shop.
- The one who works with Nike lives immediately below the one who works with Puma.
- D lives on floor no. 6. Neither A nor E works with Reebok.
- G works with Titan and lies on the topmost floor.

How many persons live between the one who works in Sonata and the one who works in Puma?

**A** None

**B** Two

**C** Three

**D** One

**E** None of the above

**Correct Answer** C

**Marks** 1

**Comprehension**

Read the passage and answer the Questions below

Rabbits are eaten in most European countries, and some of the early settlers introduced rabbits into that country as meat was hard to obtain. The European rabbit has many natural enemies which prevent the rabbit population from growing, but in Australia it had no such enemies. Rabbits breed very easily, with the result that very soon their numbers in Australia were enormous. They caused a great deal of damage by making holes in the ground to live in and eating up the grass and other plants which were needed to feed the sheep and other cattle that were a great source of wealth to Australia. Scientists discovered that a disease called myxomatosis was fatal to rabbits and to no other animal. Later myxomatosis spread to Europe, and where rabbits were not such a pest as in Australia, and where rabbits are bred for commercial purposes. Europe gave a pest and received a pestilence.

**Question Description**

Arrange the following statements in their logical sequence as per the sense of the passage

- (i) Due to their rapid breeding rate, rabbits in Australia increased enormously
- (ii) Scientists discovered that rabbits, and no other animal, were susceptible to a disease called myxomatosis
- (iii) The rabbit population in Europe is kept in check by natural enemies of rabbits.
- (iv) The rabbits caused great damage to land and grass in Australia, which had serious economic consequences.

**A** (iii); (i); (iv); (ii)

**B** (iv); (ii); (i); (iii)

**C** (i); (ii); (iv); (iii)

**D** (iii); (ii); (iv); (i)

**E** None of the above

**Correct Answer** A

**Marks** 1

**Comprehension**

Read the passage and answer the Questions below

Rabbits are eaten in most European countries, and some of the early settlers introduced rabbits into that country as meat was hard to obtain. The European rabbit has many natural enemies which prevent the rabbit population from growing, but in Australia it had no such enemies. Rabbits breed very easily, with the result that very soon their numbers in Australia were enormous. They caused a great deal of damage by making holes in the ground to live in and eating up the grass and other plants which were needed to feed the sheep and other cattle that were a great source of wealth to Australia. Scientists discovered that a disease called myxomatosis was fatal to rabbits and to no other animal. Later myxomatosis spread to Europe, and where rabbits were not such a pest as in Australia, and where rabbits are bred for commercial purposes. Europe gave a pest and received a pestilence.

**Question Description**

From the options provided below, identify the incorrect statement as per the sense of the passage:

**A**

Breeding rate of rabbits is higher in Australia than in Europe

**B**

Myxomatosis is fatal to rabbits as it is to other animals

**C**

Rabbit meat is consumed in most European countries

**D**

Early settlers brought rabbits to Australia as meat was scarce

**E**

None of the above

**Correct Answer**

B

**Marks**

1

**Comprehension**

Read the passage and answer the Questions below

Rabbits are eaten in most European countries, and some of the early settlers introduced rabbits into that country as meat was hard to obtain. The European rabbit has many natural enemies which prevent the rabbit population from growing, but in Australia it had no such enemies. Rabbits breed very easily, with the result that very soon their numbers in Australia were enormous. They caused a great deal of damage by making holes in the ground to live in and eating up the grass and other plants which were needed to feed the sheep and other cattle that were a great source of wealth to Australia. Scientists discovered that a disease called myxomatosis was fatal to rabbits and to no other animal. Later myxomatosis spread to Europe, and where rabbits were not such a pest as in Australia, and where rabbits are bred for commercial purposes. Europe gave a pest and received a pestilence.

**Question Description**

Rabbits caused much damage in Australia because they

**A**

bred easily and soon their number was enormously high

**B**

made holes in the ground to live in and ate up grass and other plants

**C**

were eating up grass and other plants needed to feed sheep and other cattle

**D**

consumed the food of animals which were the source of country's wealth

**E**

None of the above

**Correct Answer**

D

**Marks**

1

54

**Comprehension**

Read the passage and answer the Questions below

Rabbits are eaten in most European countries, and some of the early settlers introduced rabbits into that country as meat was hard to obtain. The European rabbit has many natural enemies which prevent the rabbit population from growing, but in Australia it had no such enemies. Rabbits breed very easily, with the result that very soon their numbers in Australia were enormous. They caused a great deal of damage by making holes in the ground to live in and eating up the grass and other plants which were needed to feed the sheep and other cattle that were a great source of wealth to Australia. Scientists discovered that a disease called myxomatosis was fatal to rabbits and to no other animal. Later myxomatosis spread to Europe, and where rabbits were not such a pest as in Australia, and where rabbits are bred for commercial purposes. Europe gave a pest and received a pestilence.

**Question Description**

From the options provided below, select the one closest in meaning to the term “fatal” as used in the passage

**A**

maleficent

**B**

deadly

**C**

harmful

**D**

superficial

**E**

None of the above

**Correct Answer**

B

**Marks**

1

55

**Comprehension**

Read the passage and answer the Questions below

Rabbits are eaten in most European countries, and some of the early settlers introduced rabbits into that country as meat was hard to obtain. The European rabbit has many natural enemies which prevent the rabbit population from growing, but in Australia it had no such enemies. Rabbits breed very easily, with the result that very soon their numbers in Australia were enormous. They caused a great deal of damage by making holes in the ground to live in and eating up the grass and other plants which were needed to feed the sheep and other cattle that were a great source of wealth to Australia. Scientists discovered that a disease called myxomatosis was fatal to rabbits and to no other animal. Later myxomatosis spread to Europe, and where rabbits were not such a pest as in Australia, and where rabbits are bred for commercial purposes. Europe gave a pest and received a pestilence.

**Question Description**

Find the word from the passage which means procure

**A**

discovered

**B**

found

**C**

obtain

**D**

gave

**E**

None of the above

**Correct Answer**

C

**Marks**

1

56

**Comprehension**

Read the passage and answer the Questions below

An ambassador is required by his own government to get information about the state of affairs, the economic and military strength, and the internal political situation of the country in which he stays. He has many advisers who endeavour to get this information for him. Some of this information is official, that is, it comes from the offices of the government departments of the country. However, to get a true knowledge of what is going on, embassies generally try to get unofficial information. Information may come from spies, who endeavour to work for an embassy, and to get paid for their work, without anyone knowing that they are doing this. On many occasions, the ambassador of a powerful nation has endeavoured to intervene in the political happenings of the country in which his embassy is established.

**Question Description**

The overall information not obtained “from the offices of the government departments of the country” may be described as

**A**

tentative

**B**

unreliable

**C**

authentic

**D**

unofficial

**E**

None of the above

**Correct Answer**

D

**Marks**

1

57

**Comprehension**

Read the passage and answer the Questions below

An ambassador is required by his own government to get information about the state of affairs, the economic and military strength, and the internal political situation of the country in which he stays. He has many advisers who endeavour to get this information for him. Some of this information is official, that is, it comes from the offices of the government departments of the country. However, to get a true knowledge of what is going on, embassies generally try to get unofficial information. Information may come from spies, who endeavour to work for an embassy, and to get paid for their work, without anyone knowing that they are doing this. On many occasions, the ambassador of a powerful nation has endeavoured to intervene in the political happenings of the country in which his embassy is established.

**Question Description**

From the options given below find the one closest in meaning to “intervene”

**A**

to try in a legitimate way to prevent someone from doing something

**B**

to influence the attitudes of someone or something unofficially

**C**

to act in a way so as to prevent, or influence the outcome of, something

**D**

to interfere where you have no business to do so

**E**

None of the above

**Correct Answer**

C

**Marks**

1

**Comprehension**

Read the passage and answer the Questions below

An ambassador is required by his own government to get information about the state of affairs, the economic and military strength, and the internal political situation of the country in which he stays. He has many advisers who endeavour to get this information for him. Some of this information is official, that is, it comes from the offices of the government departments of the country. However, to get a true knowledge of what is going on, embassies generally try to get unofficial information. Information may come from spies, who endeavour to work for an embassy, and to get paid for their work, without anyone knowing that they are doing this. On many occasions, the ambassador of a powerful nation has endeavoured to intervene in the political happenings of the country in which his embassy is established.

**Question Description**

Identify the option provided below, the term which best describes the work of a spy

**A**

secretive

**B**

espionage

**C**

intriguing

**D**

confidential

**E**

None of the above

**Correct Answer**

B

**Marks**

1

59

**Comprehension**

Read the passage and answer the Questions below

An ambassador is required by his own government to get information about the state of affairs, the economic and military strength, and the internal political situation of the country in which he stays. He has many advisers who endeavour to get this information for him. Some of this information is official, that is, it comes from the offices of the government departments of the country. However, to get a true knowledge of what is going on, embassies generally try to get unofficial information. Information may come from spies, who endeavour to work for an embassy, and to get paid for their work, without anyone knowing that they are doing this. On many occasions, the ambassador of a powerful nation has endeavoured to intervene in the political happenings of the country in which his embassy is established.

**Question Description**

The embassy of every country endeavours to

**A**

find out what is happening in the host country

**B**

to keep a tab on what kind of spying is going on

**C**

secretly employ spies to get requisite unofficial information

**D**

train the members of the embassy in spying

**E**

None of the above

**Correct Answer**

C

**Marks**

1

60

**Comprehension**

Read the passage and answer the Questions below

An ambassador is required by his own government to get information about the state of affairs, the economic and military strength, and the internal political situation of the country in which he stays. He has many advisers who endeavour to get this information for him. Some of this information is official, that is, it comes from the offices of the government departments of the country. However, to get a true knowledge of what is going on, embassies generally try to get unofficial information. Information may come from spies, who endeavour to work for an embassy, and to get paid for their work, without anyone knowing that they are doing this. On many occasions, the ambassador of a powerful nation has endeavoured to intervene in the political happenings of the country in which his embassy is established.

**Question Description**

Identify from the options provided, the synonym of “powerful” in the sense it is used in the passage

**A**

strong and influential

**B**

imperialist

**C**

authoritarian

**D**

fit and formidable

**E**

None of the above

**Correct Answer**

A

**Marks**

1