

prohibited.

TIME LEFT: 00:10:53

QUESTION: 25 GROUP: Reasoning Ability SECTION: Critical Reasoning Mark(s): 1

15

Statement: In the essay writing competition, most of the students write in English.

16

Which of the following options can be concluded from the statement?

17

All the students who appear in this competition write essays in English.

18

In this competition, no student writes in a language other than English.

19

Some students write in English.

20

Mostly, it is students from English medium schools who appear in this competition.

21

22

23

24

25★

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26★

QUESTION: 26 GROUP: Quantitative Ability SECTION: Quant Math Mark(s): 1

27

120 litres of mixture contains petrol and kerosene in the ratio of 2:1. When some of the mixture is taken out and the same amount of kerosene is added to the mixture the ratio becomes 3:2. How much amount of kerosene is added to the mixture?

28

29

9 litres

30

12 litres

31

10 litres

32

14 litres

33

34

35

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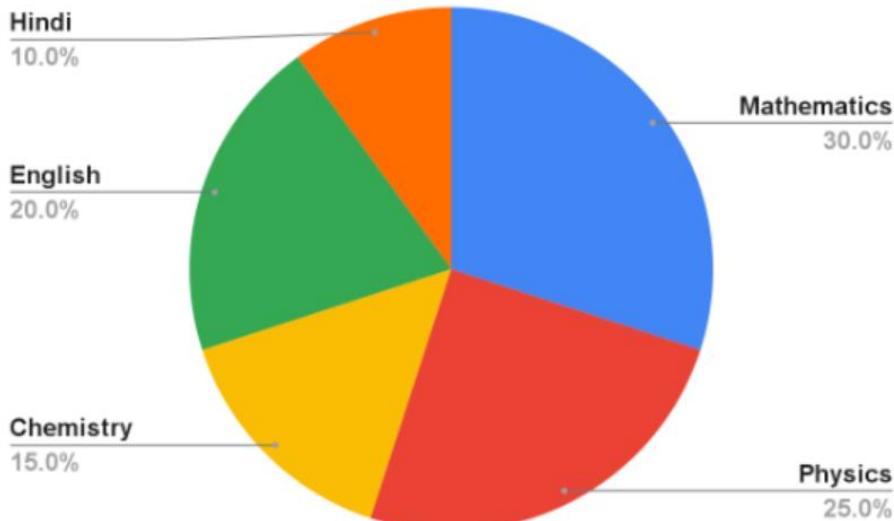
26

Direction: Study the information given below and answer the question that follows.

27★

The pie-chart shows the number of students in a college by subject major. There are only five major subjects in the college. The total number of students in the college is 1200.

28



29

30

31

32

33

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35

The table below shows number of mathematics, physics and chemistry major students from east, west, north and southern parts of India. The rest of them are from abroad.

Subjects	East	West	North	South
Mathematics	10	25	18	16

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26



27★

The table below shows number of mathematics, physics and chemistry major students from east, west, north and southern parts of India. The rest of them are from abroad.

28

Subjects	East	West	North	South
Mathematics	10	25	18	16
Physics	17	24	19	15
Chemistry	12	17	18	20

29

30

31

Question: If 10% of all the students are from east india then what is the highest possible number of students from english major, who are from east india?

32

81

33

79

34

80

35

82

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25.0%

26

The table below shows number of mathematics, physics and chemistry major students from east, west, north and southern parts of India. The rest of them are from abroad.

27

28★

Subjects	East	West	North	South
Mathematics	10	25	18	16
Physics	17	24	19	15
Chemistry	12	17	18	20

29

30

31

32

33

34

35

Question: How many mathematics and physics students are from abroad?

516

556

502

545

Previous Question

Next Question

26

The table below shows number of mathematics, physics and chemistry major students from east, west, north and southern parts of India. The rest of them are from abroad.

27

Subjects	East	West	North	South
Mathematics	10	25	18	16
Physics	17	24	19	15
Chemistry	12	17	18	20

28**29★****30**

Question: If the number of chemistry students from India is the same as the number of English students from India to the total number of physics students?

31**32** 157:300**33** 127:300**34** 139:300**35** 173:300[Previous Question](#)[Next Question](#)

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TIME LEFT: 00:09:22

26

The table below shows number of mathematics, physics and chemistry major students from east, west, north and southern parts of India. The rest of them are from abroad.

27

Subjects	East	West	North	South
Mathematics	10	25	18	16
Physics	17	24	19	15
Chemistry	12	17	18	20

28

29

30★

Question: If 30% and 20% of the students who took Hindi and English as a major are from abroad, then what is the difference between the number of students from abroad who study English and Hindi together and Chemistry?

31

32

21

33

32

34

29

35

16

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26

QUESTION: 31 GROUP: Quantitative Ability SECTION: Quant Math Mark(s): 1

27

The selling prices of the two articles are the same. In one transaction, the trader has made a profit of 10% and in the other transaction, he has made a loss of 15%. What is the approximate profit or loss percentage in the entire transaction?

28

3.46% Profit

29

4.32% Loss

30

3.72% Loss

31★

4.10% Loss

32

33

34

35

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26

QUESTION: 32 GROUP: Quantitative Ability SECTION: Quant Math Mark(s): 1

27

Three sides of a right-angled triangle are in A.P. If the perimeter of the triangle is 24 units, find the area of the triangle.

28

30 unit²

29

24 unit²

30

21 unit²

31

25 unit²

32★

33

34

35

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26

QUESTION: 33 GROUP: Quantitative Ability

SECTION: Quant Math Mark(s): 1

Navigating from the current screen is prohibited.

27

A series has terms of the form a^b , where a is the base and b is the exponent. The bases in the series increase as a GP, while the exponent increases as an AP. Another series is constructed from this series as follows. If $T_1, T_2, T_3, \dots, T_r, \dots$ are the terms of the given series, then the new series is $T_2/T_1, T_3/T_2, T_4/T_3, \dots, T_r/T_{r-1}, \dots$. Thus, the new series will be:

28

None of these

29

GP

30

AP

31

HP

32

33★

34

35

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TIME LEFT: 00:09:08

26

QUESTION: 34 GROUP: Quantitative Ability

prohibited.

27

A bag contains 4 red and 3 black balls. A second bag contains 2 red and 4 black balls. One bag is selected at random. From the selected bag, one ball is drawn. Find the probability that the ball drawn is red.

28

29

23/42

30

16/39

31

7/32

32

19/42

33

34★

35

SECTION: Quant Math Mark(s): 1
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26

QUESTION: 35 GROUP: Quantitative Ability SECTION: Quant Math Mark(s): 1

27

How many 6 digit numbers can be formed from the digits 1, 2, 4, 5, 6, 7 (no digit being repeated) which are divisible by 5?

28

156

29

120

30

720

31

555

32

33

34

35★

Previous Question

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36★

QUESTION: 36 GROUP: Technical SECTION: HTML5 Mark(s): 1

37

Which of the following element is used for creating a separate table footer

38

<tfoot>

39

<footer>

40

<sepfooter>

41

<tf>

42

43

44

45

46

47

Previous Question

Next Question

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36

QUESTION: 37 GROUP: Technical SECTION: Testing Concepts Mark(s): 1

37★

A type of system of systems is:

38

Collaborative

39

All of the options given

40

Acknowledged

41

Directed

43

44

45

46

47

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36

Consider the table given below:

37

Medicine			
Id	Name	Exp_date	Cid
635	Dolo	25-Dec-17	1232
634	Sinarest	23-Jun-17	1233
636	calpol	7-Jan-19	1234
637	Cipla	16-April-18	1235
638	Codeine	5-May-18	1233
639	Aspirin	12-Dec-18	1234

38★**39****40****41****42****43****44****45****46****47**

Which of the query given below will give the desired output?

635=>Dolo

634=>Sinarest

636=>calpol

637=>Cipla

638=>Codeine

639=>Aspirin

 SELECT APPEND(Id,'=>',Name) from Medicine; **SELECT CONCAT(LU,'IN'),Name from Medicine;**[Previous Question](#)[Next Question](#)

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36

639	Aspirin	12-Dec-18	1234
-----	---------	-----------	------

37

Which of the query given below will give the desired output?

38★

635=>Dolo

634=>Sinarest

39

636=>calpol

40

637=>Cipla

41

638=>Codeine

639=>Aspirin

42

SELECT APPEND(Id,'=>',Name) from Medicine;

43

SELECT CONCAT(Id,'=>',Name) from Medicine;

44

SELECT CONCATNATION(Id,'=>',Name) from Medicine;

45

SELECT COMBINE(Id,'=>',Name) from Medicine;

46

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TIME LEFT: 00:29:18

36

QUESTION: 39 GROUP: Technical SECTION: Networking and Cyber Security Mark(s): 1

37

Which of the following modules are not available in the digital signature algorithm?

38

Verification Algorithm

39★

Hash Function

40

Signature Algorithm

41

Encryption Algorithm

42

43

44

45

46

47

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TIME LEFT: 00:28:16

36

QUESTION: 39 GROUP: Technical SECTION: Networking and Cyber Security Mark(s): 1

37

Which of the following modules are not available in the digital signature algorithm?

38

Verification Algorithm

39★

Hash Function

40

Signature Algorithm

41

Encryption Algorithm

42

43

44

45

46

47

Previous Question

Next Question

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36

QUESTION: 40 GROUP: Technical SECTION: Programming Ability C++ Mark(s): 1

37

What we call a class 'test', if it is parameterized with a data type 'dt'?

38

List

39

Binding class

40★

Template class

41

Placeholder

43

44

45

46

47

Previous Question

Next Question

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TIME LEFT: 00:28:04

36

QUESTION: 41 GROUP: Technical SECTION: Programming Ability Mark(s): 1

37

Consider the below given functions:

38

```
int z(a, b)
```

39

```
int a, b;
```

```
{
```

40

```
    static int c;
```

```
    c = a + ( 2*b);
```

```
    return c++;
```

```
}
```

42

```
int h(p)
```

43

```
int p;
```

```
{
```

44

```
    return p++ + 3;
```

```
}
```

45

```
int f(int b, int a)
```

```
{
```

```
    int d = z(b, a++);
```

```
    return z(d++, (a+b));
```

47

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36

```
}
```

```
int f(int b, int a)
```

```
{
```

```
    int d = z(b, a++);
```

```
    return z(d++, (a+b));
```

```
}
```

37

38

39

40

What will be the integer value returned by the below function?

41★

```
f(h(4), z(h(3), 5));
```

42

88

43

90

44

87

45

86

46

47

Previous Question

Next Question

prohibited.

TIME LEFT: 00:27:02

54

QUESTION: 59 GROUP: Technical SECTION: Programming Ability Mark(s): 1

55

What will be the return value of the function given below if a = 14 and b = 19?

56

```
int t(int a, int b)
{
    int t;
    cout << a << " " << b << endl;
    a = a >> 2;
    b = b >> 2;
    cout << a << " " << b << " ";
    t = a + b;
    return t;
}
```

57

58

```
59☆
```

59☆

60

61

```
62
```

63

```
64
```

65

```
66
```

33

7

30

Previous Question

Next Question

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TIME LEFT: 00:27:01

QUESTION: 60 GROUP: Technical SECTION: SQL Mark(s): 1

Consider the query given below :

```
SELECT LPAD('Page 1',10,'*.*') FROM DUAL;
```

What will be the output from the above query?

..Page 1

Error

Page 1*.*.

.Page 1.

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QUESTION: 61 GROUP: Technical SECTION: Programming Ability Java Mark(s): 1

Which of the below given statement(s) is/are true about "Lambda expressions" in java8?

- I) It is used primarily to define inline implementation of a functional interface.
- II) By using this expression we can refer to any final variable or effectively final variable (which is assigned only once).
- III) Lambda expression throws a compilation error, if a variable is assigned a value the second time.

Only (II)

Only (I)

Only (II) and (III)

All (I),(II) and (III)

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1 ★

QUESTION: 1 GROUP: **Verbal Ability** SECTION: **Error Detection** Mark(s): 1

2

Out of the four underlined phrases marked (A), (B), (C) and (D), choose the phrase which is wrong or inappropriate in the context of the sentence.

3

I could always find something (A) to drive me, and most of the time (B) it was those feelings (C) of anger and rage that bubbled me up by past (D).

4

 C

5

 D

6

 B

7

 A

9

10

11

12

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1

QUESTION: 2 GROUP: **Verbal Ability** SECTION: **Reading Comprehension** Mark(s): 1

2 ★

Direction: Read the passage given below and answer the question that follows. There may be more than one question(s) based on the below passage.

3

The head of the world's largest humanitarian network has accused Europe of betraying its fundamental values by ignoring the plight of the rescue ship Aquarius, as the 630 people it saved finally reached Spain after eight days of desperation, closed ports and rough seas. Malta and Italy's refusal to take in the migrants and refugees rescued off the coast of Libya last weekend revealed the extent of the fault lines in EU's migration policy, with the French president, Emmanuel Macron, condemning Rome's "cynicism and irresponsibility".

4

The fate of those on board the Aquarius was only settled after the new Spanish government offered to take them in to help avert "a humanitarian catastrophe".

5

Speaking as the ship's passengers reached Valencia on Sunday, Elhadj As Sy, the secretary general of the International Federation of Red Cross and Red Crescent Societies (IFRC), praised Spain's response but said Europe had let itself down. "There are values that are cultural values and values of civilisation and the world often looks up to Europe

6

for those values," he told the Guardian. "Not because Europe really owes it to the world but because Europe embodies those values. That's what Europe stands for, that's what

7

Europe is promoting in its diplomacy, in its policy, in its culture, in its civilisation. When it comes now to applying those values and welcoming people in need – through solidarity, through care, through support, through humanity – a failure to do so is obviously a betrayal of those values."

8

Question: 'The world's largest humanitarian network' refers to _____.

9

Aquarius

10

EU

11

Elhadj As Sy

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TIME LEFT: 00:12:42

1

The head of the world's largest humanitarian network has accused Europe of betraying its fundamental values by ignoring the plight of the rescue ship Aquarius, as the 630 people it saved finally reached Spain after eight days of desperation, closed ports and rough seas. Malta and Italy's refusal to take in the migrants and refugees rescued off the coast of Libya last weekend revealed the extent of the fault lines in EU's migration policy, with the French president, Emmanuel Macron, condemning Rome's "cynicism and irresponsibility". The fate of those on board the Aquarius was only settled after the new Spanish government offered to take them in to help avert "a humanitarian catastrophe". Speaking as the ship's passengers reached Valencia on Sunday, Elhadj As Sy, the secretary general of the International Federation of Red Cross and Red Crescent Societies (IFRC), praised Spain's response but said Europe had let itself down. "There are values that are cultural values and values of civilisation and the world often looks up to Europe for those values," he told the Guardian. "Not because Europe really owes it to the world but because Europe embodies those values. That's what Europe stands for, that's what Europe is promoting in its diplomacy, in its policy, in its culture, in its civilisation. When it comes now to applying those values and welcoming people in need – through solidarity, through care, through support, through humanity – a failure to do so is obviously a betrayal of those values."

Question: 'The world's largest humanitarian network' refers to _____.

7

Aquarius

8

EU

9

Elhadj As Sy

10

IFRC

11

12

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2

3 ☆

4

5

6

7

8

9

10

11

12

13

The head of the world's largest humanitarian network has accused Europe of betraying its fundamental values by ignoring the plight of the rescue ship Aquarius, as the 630 people it saved finally reached Spain after eight days of desperation, closed ports and rough seas. Malta and Italy's refusal to take in the migrants and refugees rescued off the coast of Libya last weekend revealed the extent of the fault lines in EU's migration policy, with the French president, Emmanuel Macron, condemning Rome's "cynicism and irresponsibility". The fate of those on board the Aquarius was only settled after the new Spanish government offered to take them in to help avert "a humanitarian catastrophe". Speaking as the ship's passengers reached Valencia on Sunday, Elhadj As Sy, the secretary general of the International Federation of Red Cross and Red Crescent Societies (IFRC), praised Spain's response but said Europe had let itself down. "There are values that are cultural values and values of civilisation and the world often looks up to Europe for those values," he told the Guardian. "Not because Europe really owes it to the world but because Europe embodies those values. That's what Europe stands for, that's what Europe is promoting in its diplomacy, in its policy, in its culture, in its civilisation. When it comes now to applying those values and welcoming people in need – through solidarity, through care, through support, through humanity – a failure to do so is obviously a betrayal of those values."

Question: Values embodied by Europe include _____.

- welcoming people in need
- promoting civilization
- promoting cultural policy
- promoting diplomacy

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TIME LEFT: 00:10:42

1

QUESTION: 5 GROUP: **Verbal Ability** SECTION: **Sentence Arrangement** Mark(s): 1

2

Direction: Out of the words/phrases given below, the position of 1 is fixed. Choose the most logical order of the remaining words/phrases to construct a coherent sentence.

1. New

3

P. regulations

4

Q. take effect to

5 ★

R. recipients

S. student aid

6

T. protect

7

RSTQP

8

PQTSR

9

PQRST

10

QSRTP

11

12

Previous Question

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TIME LEFT: 00:10:35

1

QUESTION: 6 GROUP: **Verbal Ability** SECTION: **Sentence Arrangement** Mark(s): 1

2

Choose the most logical order of the given sentences to construct a coherent paragraph.

3

A. In the opening lines of the poem, Rich casts Caroline as a 'woman in the shape of a monster' and 'a monster in the shape of a woman'.

4

B. In her 1968 poem, Planetarium, the poet Adrienne Rich wrestles with the crisis of female identity through the lens of astronomy.

5

C. Rich wrote the poem after learning about the case of Caroline Herschel, an astronomer born in Germany in 1750, who discovered eight comets and three nebulae.

6 

D. The skies, Rich says, are full of such women –figures drawn from classical mythology, who are 'doing penance for impetuosity', and who have lent the stars their names.

7

BCAD

8

CBDA

9

ABCD

10

CBAD

11

12

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2

QUESTION: 7 GROUP: **Verbal Ability** SECTION: **Fill in the Blank** Mark(s): 1

3

Direction: Fill in the blank(s) below with the most appropriate word.

4

"How Blank we go for a coffee?" John asked Reema.

5

6

7 ★

8

9

10

11

12

13

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TIME LEFT: 00:10:19

QUESTION: 8 GROUP: **Verbal Ability** SECTION: **Sentence Correction** Mark(s): 1

3

4

5

6

7

8 ★

9

10

11

12

13

Direction: Identify if the underlined part in the below sentence is incorrect. If yes, choose the option which makes the sentence grammatically correct. If no, choose the option that is same as the underlined part.

When I was younger, I gone to my grandfather's village, where I saw an old battered car standing still near the verandah.

I go to my grandfather's

I went to my grandfather's

I had went to my grandfather's

I usually go to my grandfather's

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TIME LEFT: 00:10:13

QUESTION: 9 GROUP: **Verbal Ability** SECTION: **Fill in the Blank** Mark(s): 1

3

4

5

6

7

8

9 ★

10

11

12

13

Direction: Fill in the blank(s) below with the most appropriate word.

John is grateful _____ the support the team has given during his tenure.

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TIME LEFT: 00:02:05

1

The head of the world's largest humanitarian network has accused Europe of betraying its fundamental values by ignoring the plight of the rescue ship Aquarius, as the 630 people it saved finally reached Spain after eight days of desperation, closed ports and rough seas. Malta and Italy's refusal to take in the migrants and refugees rescued off the coast of Libya last weekend revealed the extent of the fault lines in EU's migration policy, with the French president, Emmanuel Macron, condemning Rome's "cynicism and irresponsibility". The fate of those on board the Aquarius was only settled after the new Spanish government offered to take them in to help avert "a humanitarian catastrophe".

2

3

4 

Speaking as the ship's passengers reached Valencia on Sunday, Elhadj As Sy, the secretary general of the International Federation of Red Cross and Red Crescent Societies (IFRC), praised Spain's response but said Europe had let itself down. "There are values that are cultural values and values of civilisation and the world often looks up to Europe for those values," he told the Guardian. "Not because Europe really owes it to the world but because Europe embodies those values. That's what Europe stands for, that's what Europe is promoting in its diplomacy, in its policy, in its culture, in its civilisation. When it comes now to applying those values and welcoming people in need – through solidarity, through care, through support, through humanity – a failure to do so is obviously a betrayal of those values."

5

6

7

8

The cynicism and irresponsibility of the governments of European countries.

9

The plight of a rescue ship.

10

The shortcomings of the European Union's migration policy.

11

IFRC's philanthropic commitment.

12

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14★

QUESTION: 14 GROUP: Reasoning Ability SECTION: Puzzles Mark(s): 1

15

Which one of the options will replace the question mark (?) in the following sequence so that it will complete the series?

16

B24V, F25S, J26P, (?), R28J

17

N27M

18

P121R

19

P144Q

20

P256S

22

23

24

25

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14

Direction: Read the following information and answer the questions given below.

15★

'A', 'B', 'C', 'D', 'E', 'F' and 'G' are sitting on a wall and all of them are facing East.

16

(I) 'C' is on the immediate right of 'D'.

17

(II) 'B' is at an extreme end and has 'E' as his neighbour.

18

(III) 'G' is between 'E' and 'F'.

19

(IV) 'D' is sitting third from the southern end.

20

E

21

G

22

F

23

D

24

25

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14

QUESTION: 16 GROUP: Reasoning Ability SECTION: Logical Reasoning Mark(s): 1

15

Direction: Read the following information and answer the questions given below.

16★

'A', 'B', 'C', 'D', 'E', 'F' and 'G' are sitting on a wall and all of them are facing East.

17

(I) 'C' is on the immediate right of 'D'.

(II) 'B' is at an extreme end and has 'E' as his neighbour.

(III) 'G' is between 'E' and 'F'.

(IV) 'D' is sitting third from the southern end.

19

Question: Immediately between which of the following pair of people is D sitting?

20

'A' and 'F'

21

'C' and 'E'

22

'A' and 'C'

23

'C' and 'F'

24

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14

QUESTION: 17 GROUP: Reasoning Ability SECTION: Logical Reasoning Mark(s): 1

15

Direction: Read the following information and answer the questions given below.

16

'A', 'B', 'C', 'D', 'E', 'F' and 'G' are sitting on a wall and all of them are facing East.

17★

- (I) 'C' is on the immediate right of 'D'.
- (II) 'B' is at an extreme end and has 'E' as his neighbour.
- (III) 'G' is between 'E' and 'F'.
- (IV) 'D' is sitting third from the southern end.

19

Question: Counting from the north end, F is sitting at which place?

20

4th

21

3rd

22

5th

23

6th

24

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25

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14

QUESTION: 18 GROUP: Reasoning Ability SECTION: Puzzles Mark(s): 1

15

In a certain code, **ADAMSITE** is written as 201021625214. How is **BARGUEST** written in that code?

16

226220132198

17

226202132198

18★

226202312198

19

226203122198

20

21

22

23

24

25

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TIME LEFT: 00:11:29

14

QUESTION: 19 GROUP: Reasoning Ability SECTION: Critical Reasoning Mark(s): 1

15

Directions: The question given below is followed by two arguments numbered I and II. You have to decide whether the argument is a 'strong' argument or a 'weak' argument.

16

Statement: Should high chimneys be installed in industries?

17

Arguments: I. Yes. It reduces pollution at ground level.

II. No. It increases pollution in upper atmosphere.

18

19★

Both I and II are strong

Only argument I is strong

Only argument II is strong

Neither I nor II is strong

20

21

22

23

24

25

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TIME LEFT: 00:11:26

QUESTION: 20 GROUP: Reasoning Ability

SECTION: Attention to Details Mark(s): 1
Navigating from the current screen is prohibited.

The first six letters of the word 'THOUGHTFULNESS' are reversed, next six letters are written as they are and then the remaining letters are reversed.

Which two letters will be sandwiched between double T and double L?

FE

HT

NS

FU

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TIME LEFT: 00:11:23

QUESTION: 21 GROUP: Reasoning Ability SECTION: Attention to Details Mark(s): 1

15

In the following number series how many even numbers are there which are immediately followed by 5 and preceded by 1?

16

1 2 7 1 5 4 1 2 5 8 1 1 0 5 1 1 7 1 1 4 5 1 2 5 4 1 3 1 2 5 8 1 1 3 5

17

4

18

3

19

2

20

5

21★

22

23

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Previous Question

Next Question

prohibited.

TIME LEFT: 00:11:18

QUESTION: 22 GROUP: Reasoning Ability SECTION: Critical Reasoning Mark(s): 1

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22★

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Directions: Answer the question based on the statement given below:

In Millington, a city of 50,000 people, Mercedes Pedrosa, a realtor, calculated that a family with Millington's median family income, \$28,000 a year, could afford to buy Millington's median-priced \$77,000 house. This calculation was based on an 11.2 percent mortgage interest rate and on the realtor's assumption that a family could only afford to pay up to 25 percent of its income for housing.

Which of the corrections given in options of a figure appearing in the passage above, if it were the only correction that needed to be made, would yield a new calculation showing that even incomes below the median family income would enable families in Millington to afford Millington's median-priced house?

- Millington's median-priced house cost \$80,000
- The rate at which people in Millington had to pay mortgage interest was only 10 percent
- Millington's median annual family income was \$27,000
- Millington's total population was 45,000 people

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prohibited.

TIME LEFT: 00:11:04

15

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.

16

Input: peanut honey 27 jelly 88 45 blueberry 54

17

Step 1: blueberry peanut honey 27 jelly 88 45 54

18

Step 2: blueberry 88 peanut honey 27 jelly 45 54

19

Step 3: blueberry 88 honey peanut 27 jelly 45 54

20

Step 4: blueberry 88 honey 54 peanut 27 jelly 45

21

Step 5: blueberry 88 honey 54 jelly peanut 27 45

22

Step 6: blueberry 88 honey 54 jelly 45 peanut 27

23☆

Based on this answer the following question:

24

Input: 39 mother 26 brother 47 83 uncle family

25

Previous Question

Next Question

prohibited.

TIME LEFT: 00:11:01

15

Step 5: blueberry 88 honey 54 jelly peanut 27 45

16

Step 6: blueberry 88 honey 54 jelly 45 peanut 27

17

Based on this answer the following question:

18

Input: 39 mother 26 brother 47 83 uncle family

19

Which of the following will be the fifth step of the output for the above input?

20

brother 83 family 39 mother 47 26 uncle

21

brother 83 family 47 mother 39 26 uncle

22

brother 83 family 47 mother 39 uncle 26

23☆

brother 83 family 47 39 mother 26 uncle

24

brother 83 family 47 39 mother 26 uncle

25

Previous Question

Next Question

prohibited.

TIME LEFT: 00:10:57

QUESTION: 24 GROUP: Reasoning Ability SECTION: Puzzles Mark(s): 1

15

How many pairs of letters are there in the word 'ANIMATION' which has as many letters between them (from both sides) as in the alphabetical series?

16

0

17

2

18

1

19

4

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24★

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Previous Question

Next Question

prohibited.

TIME LEFT: 00:27:56

37

What will be the output of the program given below?

38

```
import java.util.function.BiFunction;
class Operation {
    public static int result(int a, int b) {
        return a + b;
    }
}
```

40

```
public class Tester {
    public static void main(String[] args) {
        BiFunction < Integer, Integer, Integer > resulter = Operation::result;
        int result = resulter.apply(48, 69);
        System.out.println(result);
    }
}
```

42★

43

```
        System.out.println(result);
    }
}
```

45

117

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Previous Question

Next Question

TIME LEFT: 00:27:54

prohibited.

```
37         return a + b;  
38     }  
39     }  
40     public class Tester {  
41         public static void main(String[] args) {  
42             BiFunction < Integer, Integer, Integer > resulter = Operation::result;  
43             int result = resulter.apply(48, 69);  
44             System.out.println(result);  
45         }  
46     }  
47 }
```

117

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69

107

Previous Question

Next Question

prohibited.

TIME LEFT: 00:27:51

38

QUESTION: 43 GROUP: Technical SECTION: Testing Concepts Mark(s): 1

39

Which one of the given options is false for Test Completion criteria?

40

- If Exit criterion has not met, the test cannot be stopped.
- None of the given options.
- Any changes to the test completion criterion must be documented and signed off by stakeholders.
- No Showstoppers or critical defects.

41

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43★

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Previous Question

Next Question

TIME LEFT: 00:27:48

39

QUESTION: 44 GROUP: Technical SECTION: Networking and Cyber Security Mark(s):
Navigation from the current screen is:

40

Which of the following virus types of the virus will create copies during replication that are functionally equivalent but have distinctly different bit patterns?

41

- Macro Virus
 - Parasitic Virus
 - Polymorphic Virus
 - Boot Sector Virus

42

44 

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[Previous Question](#)

Next Question

prohibited.

TIME LEFT: 00:27:45

40

QUESTION: 45 GROUP: Technical SECTION: Testing Concepts Mark(s): 1

41

Retesting of a single program or component after a change has been made in:

42

Unit Regression

43

Regional Regression

44

Retesting

45★

Full Regression Testing

46

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Previous Question

Next Question

prohibited.

TIME LEFT: 00:27:43

41

QUESTION: 46 GROUP: Technical SECTION: SQL Mark(s): 1

42

What will be the output of the below query?

43

```
SELECT SUBSTRING ('San Antonio, TX', 5, 3);
```

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Ant

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46★

nio

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Ton

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Previous Question

Next Question

prohibited.

TIME LEFT: 00:27:40

42

QUESTION: 47 GROUP: Technical SECTION: MS Office Mark(s): 1

43

There is an issue with the end-user, where the user always forgets to save his work and that leads to a lot of data loss and loss of manual effort. Prompt the engineer to save the file whenever she closes the file or moves out of the application: Choose the best option to save the file using the prompt window:

44

45

Open the save as dialogue box

46

VBA does not support Auto Support

47★

Auto save the file with the random name

48

Display a Message box to prompt the user to save the file

49

50

51

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Previous Question

Next Question

prohibited.

TIME LEFT: 00:27:38

43

QUESTION: 48 GROUP: Technical SECTION: Programming Ability Mark(s): 1

44

Which one of the given options is a character constant?

45

const char letter_sequence[10] = "ABC";

46

const float number = 3.14;

47

const char letter = 'A';

48★

const int height = 100;

49

50

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Previous Question

Next Question

prohibited.

TIME LEFT: 00:27:35

44

QUESTION: 49 GROUP: Technical SECTION: MS Office Mark(s): 1

45

Which of the options given below is true about MS word?

- I) Status bar is used to quick access to commonly used commands and toolbars
- II) Toolbar is used to quick access to commonly used commands and toolbars

47

Both (I) and (II)

48

None of the options given.

49★

Only (I)

50

Only (II)

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Previous Question

Next Question

prohibited.

TIME LEFT: 00:27:32

45

QUESTION: 50 GROUP: Technical SECTION: SQL Mark(s): 1

46

Consider the STUDENTS table given below:

47

48

Which one of the query given in options will delete the records from Students table whose marks is less than 50?

49

REMOVE RECORD FROM STUDENTS WHERE MARKS < 50;

50★

DELETE FROM STUDENTS WHERE MARKS < 50;

51

DROP FROM STUDENTS WHERE MARKS < 50;

52

REMOVE FROM STUDENTS WHERE MARKS < 50;

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Previous Question

Next Question

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TIME LEFT: 00:27:30

46

QUESTION: 51 GROUP: Technical SECTION: SQL Mark(s): 1

47

Given:

48

49

How can you change "Gita" into "Rajesh" in the "Name" column in the Employee table?

50

UPDATE employee set emp_name='Rajesh' where emp_name='Gita';

51★

UPDATE employee set emp_name='Gita' where emp_name='Rajesh';

52

53

MODIFY employee set emp_name='Rajesh' where emp_name='Gita';

54

MODIFY employee set emp_name='Gita' where emp_name='Rajesh';

55

56

57

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prohibited.

TIME LEFT: 00:27:27

47

QUESTION: 52 GROUP: Technical SECTION: HTML5 Mark(s): 1

48

Which of the below given statement(s) is/are correct about Object element in HTML?

49

I) The <object> element is supported by all browsers.

50

II) The <object> element defines an embedded object within an HTML document.

51

Both (I) and (II)

52★

Only (I)

53

Only (II)

54

Neither (I) nor (II)

55

56

57

58

Previous Question

Next Question

prohibited.

TIME LEFT: 00:27:24

48

QUESTION: 53 GROUP: Technical SECTION: HTML5 Mark(s): 1

49

Consider the following HTML code and choose the correct output.

50

51

Welcome

This is a test.

52

53★

Welcome

This is a test.

54

Welcome

This is a test.

55

56

Welcome

This is a test.

57

58

59

Previous Question

Next Question

prohibited.

TIME LEFT: 00:27:22

49

QUESTION: 54 GROUP: Technical SECTION: Cloud Computing Basics Mark(s): 1

50

Which of the following can not be achieved with cloud computing?

51

Security Gap

52

All of the options

53

Improper Intrusion Detection

54★

Unskilled Resources

55

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Previous Question

Next Question

50

QUESTION: 55 GROUP: Technical SECTION: HTML5 Mark(s): 1

51

What is the functionality of "datetime" attribute when used with tag in HTML5?

52

None of the given options

53

It makes the deleted text invisible

54

It shows the date and time of when the text was deleted and it also adds a URL

55★

Specifies the date and time of when the text was deleted/changed

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TIME LEFT: 00:27:17

51

QUESTION: 56 GROUP: Technical SECTION: Networking and Cyber Security Mark(s): 1

52

Choose the correct statement(s) regarding "Bridges":

53

I) Bridges are used to connect separate LAN segments.

54

II) Bridge is a network layer device.

55

Only (II)

56★

Only (I)

57

Neither (I) nor (II)

58

Both (I) and (II)

59

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61

62

Previous Question

Next Question

prohibited.

TIME LEFT: 00:27:14

52

QUESTION: 57 GROUP: Technical SECTION: HTML5 Mark(s): 1

53

Which of the options given below is not the semantic elements in HTML5?

54

<div>

55

<figcaption>

56

<details>

57★

<figure>

58

59

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62

63

Previous Question

Next Question

prohibited.

TIME LEFT: 00:27:06

53

QUESTION: 58 GROUP: Technical SECTION: MS Office Mark(s): 1

54

Which of the following could be used to add page number on a worksheet?

55

Use the Page Break Preview view to ascertain where page breaks appear. Then insert a page number above each page break.

56

Page number cannot be added in a worksheet.

57

In the Page Layout view, use the Header & Footer tools to insert automatic page numbers in the Header or Footer region of every page.

58★

In the Print Preview view use the Insert Page Numbers function to number pages before they are printed.

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Previous Question

Next Question

prohibited.

TIME LEFT: 00:26:55

QUESTION: 62 GROUP: Technical SECTION: Cloud Computing Basics Mark(s): 1

Which one of the given option is NOT a cloud computing pricing model?

Perpetual License

Subscription

Community Membership

Pay per use

54

55

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59

60

61

62★

63

64

65

Previous Question

Next Question

prohibited.

TIME LEFT: 00:26:53

QUESTION: 63 GROUP: Technical SECTION: Cloud Computing Basics Mark(s): 1

Who is the father of cloud computing?

Linus Torvalds

J.C.R. Licklider

Andy Rubins

Leonard Bosack

54

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62

63★

64

65

Previous Question

Next Question

prohibited.

TIME LEFT: 00:26:51

QUESTION: 64 GROUP: Technical SECTION: Programming Ability Mark(s): 1

Which of the following algorithms are used to compute minimum spanning trees?

Breadth first search

Kruskal's

Dijkstra's

Depth first search

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64★

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[Previous Question](#)

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prohibited.

TIME LEFT: 00:09:36

48

QUESTION: 53 GROUP: Technical SECTION: HTML5 Mark(s): 1

49

Consider the following HTML code and choose the correct output.

50

```
<!DOCTYPE html>
<html>
<head>
</head>
<body>
    <h2>Welcome</h2>
    <p>This is a <strong>test</strong>.</p>
</body>
</html>
```

51

52

53★

54

55

Welcome

This is a test.

56

Welcome

This is a test.

57

58

59

Welcome

This is a test.

Previous Question

Next Question

End Test