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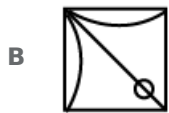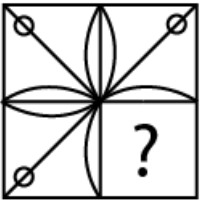
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Reasoning

Instructions

For the following questions answer them individually

Question 1

Which of the following answer figure will complete the given figure ?

A

B

C

D

Answer: B

Question 2

Four brothers P, Q, R and S go to a hotel. They book four hotel rooms numbered 301, 302, 303 and 304. Sum of room numbers of P and R is 603 and the sum of room numbers of R and S is 604. What is the sum of room numbers of P, Q and R?

A 907

B 904

C 903

D 905

Answer: A

Question 3

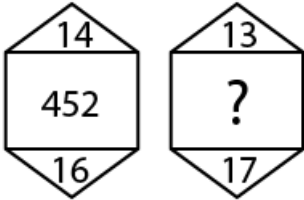**Four words have been given out of which three are alike in some manner, while one is different. Choose the odd one.**

A Bhagavad Gita

B Bible

C Quran

D Jewish

    Answer: D

Question 4

Find the missing number from the below options.

A 400

B 458

C 456

D 440

    Answer: B

Question 5

Select the related word pair from the given alternatives.
Teeth : Cut :: .... : ....

A Legs : Walk

B Broom : Fly

C Tubelight : Heat
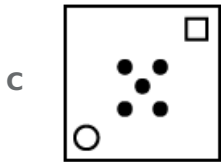
D Food : Smell

    Answer: A

Question 6

In a certain code, TIM is coded as RGK, then how is PAINE coded in the same way?

A NGYCL

B NGYLC

C NYGCL

D NYGLC

    Answer: D

Question 7

Choose the option which completes the given figure series.

A

B

C

D
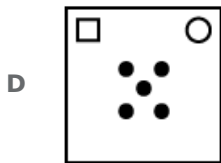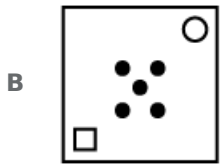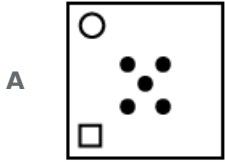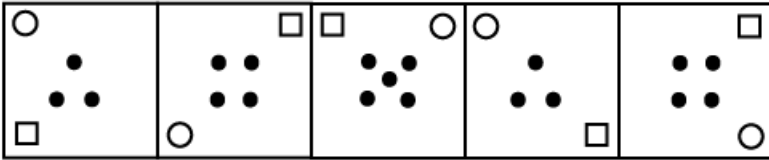
Answer: B

Question 8

Select the correct option that will fill in the blank and complete the series.
AB, BA, ABC, CBA, ABCD, ...

A   DCBA

B   CABD

C   ACBD

D   BACD

Answer: A

Question 9

Select the correct option that will fill in the blank and complete the series.
2, 7, 5, 10, 8, 13, ...

A   15

B 11

C 38

D 9

   Answer: B

Question 10

Choose the option that most closely resembles the mirror image of the given figure when mirror is placed at right side.

Question Figure:

A

B

C

D
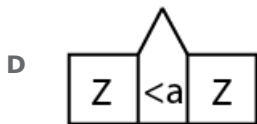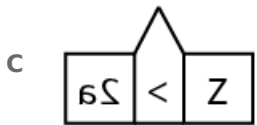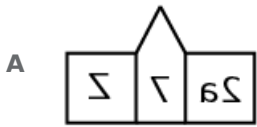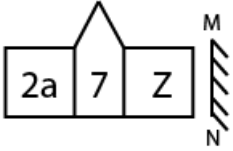
   Answer: A

Question 11

Select the related word pair from the given alternatives.
Celsius : Temperature :: .... : ....

A Kilometer : Distance

B Bank note : Office

C Meter : Water

D Bulb : Electric current

   Answer: A

Question 12

Select the option that is related to the third term in the same way as the second term is related to the first term.
ROSEBERRY : SEBERRYRO :: BEAUTIFUL : ?

A TIFULBEAU

B EAUTIFULB

C AUTIFULBE

D UTIFULBEA

   Answer: C

Question 13

Four letter clusters have been given out of which three are alike in some manner, while one is different. Choose the odd one.

A STaY

B TRaY

C AWaY

D CLaY

   Answer: C

Question 14

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

A

B

C

D

Answer: C

Question 15

Select the correct option that will fill in the blank and complete the series.
0.3, 0.8, 2.3, 4.8, ...

A 7.5

B 7.3

C 6.5

D 8.3

Answer: D

Question 16

The statements beloware followed by conclusions labeled I, II, III and IV. Assuming that the information in the statements is true, even if it appears to be at variance with generally established facts, decide which conclusion(s) logically and definitely follow(s) from the information given in the statements.
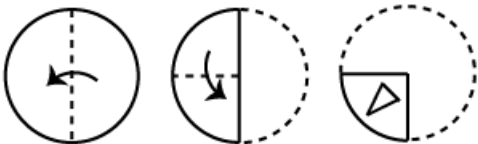**Statements:**
All Iris are Cornea.
Some Cornea are Lens.
All Lensare Retina.
Conclusions:
I. Some Retina are Cornea
II. Some Retina are Iris
III. Some Lensare Iris
IV. Some Cornea are Retina

A Only I and IV follow

B Only I and II follow

C None follows

D Only III and IV follow

Answer: A

Question 17

The statements beloware followed by two conclusionslabeled I and II. Assuming that the information in the statements is true. even if it appears to be at variance with generally established facts, decide which conclusion(s) logically and definitely follow(s) from the information given in the statements. Statements:
Some shirts are socks.
No sock is red.
Conclusion:

I. Some socks are shirts.
II. No shirt is red.

A Only conclusion II follows

B Only conclusion I follows

C Either conclusion I or II follows

D Neither conclusion I nor II follows

   Answer: B

Question 18

If PT is written as 8-10, how will NLR be written?

A 7-6-12

B 8-6-11

C 7-6-8

D 7-6-9

   Answer: D

Question 19

Select the option that is related to the Third term in the same way as the second term is related to the first term.
10 : 30 :: 68 : ?

A 120

B 100

C 112

D 130

   Answer: D

Question 20

Four options have been given out of which three are alike in some manner, while one is different. Choose the odd one.

A 6388

B 3568

C 1238

D 2348

   Answer: C

Question 21

A, M, P, D, Q, R, W and are sitting around a circle facing at the centre. D is fourth to the left of A whoisthird to the right of M.P is third to the left of Q whois third to the left of M.R is third to the right ofW whois secondto the right of B.
In which ofthe following pairs is the second person sitting to the immediate right of the first person?

A AB

B QB

C RM

D MD

   Answer: A

Question 22

Four boys A, B, C, D and four girls P,Q, R. S are playing merry go round in such a waythat they face the centre and form a circle. No two girls or no two boys are next to each other. A is to the immediate left of R, who is opposite to Q. P and Q have only C between them.P is opposite to S. who is to the immediate right of B.
If B is the only person between R andS, then whois opposite B?

A   A

B   Q

C   C

D   D

   Answer: C

Question 23

Choose the option figure in which the problem figure is hidden/embedded.

A

B

C

D
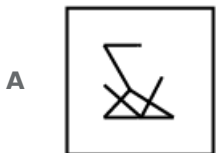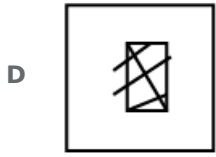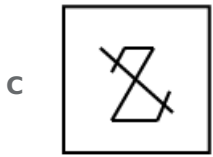
Answer: A

Question 24

Select the correct combination of mathematical signs to replace '* signs and to balance the given equation:

$530 * 2 * 3 * 5 * 800$

A $\div + - =$

B $\div - - =$

C $\div \times + =$

D $+ + \times =$

Answer: C

Question 25

Study the diagram carefully and answer the given questions.
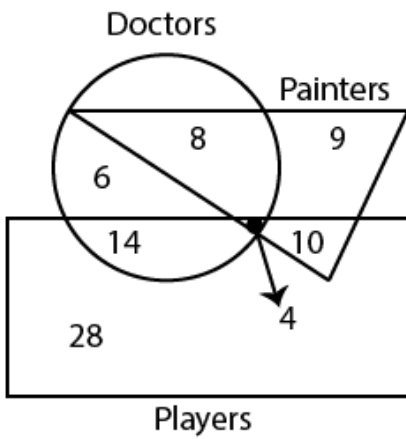
How many painters are neither doctors nor players?

A 6

B 9

C 10

D 8

Answer: B

General knowledge

Instructions

For the following questions answer them individually

Question 26

Minimum Support Price for 2018-19 for Cotton of the Medium Staple variety is set at ....

A   ₹2,897 per quintal

B   ₹1,950 per quintal

C   ₹5,150 per quintal

D   ₹2,430 per quintal

Answer: C

Question 27

Who is the author of the, 'Byomkesh Bakshi Stories'?

A   Sharadindu Bandyopadhyay

B   Ritwik Ghatak

C   Satyajit Ray

D   David Davidar

Answer: A

Question 28

India defeated the team from which country in the final to win the under 19 Cricket World Cup, 2018?

A   England

B   Australia

C   South Africa

D   Pakistan

Answer: B

Question 29

Which freedom fighters were hanged for the Kakori conspiracy case?

A   Chittaranjan Das and Vasudev Balwant Phadke

B   Krishnaji Gopal Karve and BaghaJatin

C   Ram Prasad Bismil and Ashfaqulla Khan

D   Khudiram Bose and Chandra Shekhar Azad

Answer: C

Question 30

The relation between the period of a simple pendulum 'T' and its length 'L' is ....('g' is acceleration due to gravity)

A $T = 2\pi\sqrt{\left(\frac{L}{g}\right)}$

B $T = 4\pi\sqrt{\left(\frac{g}{L}\right)}$

C $T = 4\pi\sqrt{\left(\frac{L}{g}\right)}$

D $T = 2\pi\sqrt{\left(\frac{g}{L}\right)}$

Answer: A

Question 31

The best examples of which script are found in the rock-cut edicts of Asoka?

A Grantha

B Brahmi

C Kadamba

D Sharada

Answer: B

Question 32

Which tribal festival in Chhattisgarh is dedicated to goddess Kesharpal Kesharpalin Devi, one of the tribal deities?

A Sarhul

B Madai

C Puli Kali

D Minjar

Answer: B

Question 33

The atmosphere of Mars is mostly composed of ....

A Ammonia

B Carbon dioxide

C Oxygen

D Hydrogen

Answer: B

Question 34

Who was the first and the most important king of the Rashtrakuta dynasty of Karnataka who defeated the Chalukyas of Badami?

A Dantidurga

B Harihara I

C Uttama

D Bindusara

Answer: A

Question 35

In which amendment to the constitution were the Bodo, Dogri, Santhali and Maithli addedto the list of recognised languages?

A 73rd Constitution Amendment Act of 2003

B 92nd Constitution Amendment Act of 2003

C 103rd Constitution Amendment Act, 2018

D 101st Constitution Amendment Act, 2016

Answer: B

Question 36

Which element is placed in the 5th Period and IIA Groupofthe periodic table?

A Lead (At no 82)

B Tellurium (At no 52)

C Barium (At no 56)

D Strontium (At no 38)

Answer: D

Question 37

Which of the following rivers is NOT a tributary of the Krishna?

A Venna

B Betwa

C Bhima

D Koyna

Answer: B

Question 38

Which Maratha warrior died in the successful defence of the Sinhagad fort fighting against the Mughal army?

A   Chimaji Appa

B   Baji Prabhu Deshpande

C   Tanaji Malusare

D   Baji Pasalkar

   Answer: C

Question 39

The prefix ' .... ' is equal to a factor of 10^{15}

A   atto

B   peta

C   femto

D   exa

   Answer: B

Question 40

The concept of the Freedom of trade in India's Constitution is adopted from the Constitution of which country?

A   United Kingdom

B   United States

C   Australia

D   Ireland

   Answer: C

Question 41

Mutual Funds asset base in India stood at .... at end of November 2018.

A   ₹31 lakh crore

B   ₹47 lakh crore

C   ₹24 lakh crore

D   ₹19 lakh crore

   Answer: C

Question 42

The ……….. are the triangular muscles of the shoulder.

A   Masseter

B   Achilles tendon

C   Deltoids

D   Sartorius

   Answer: C

Question 43

The Elephant is a symbol of which Indian political party?

A   National Congress Party

B   Communist Party of India

C   Bahujan Samaj Party

D   Rashtriya Janata Dal

   Answer: C

Question 44

Who won the Miss World title in 1997?

A   Reita Faria

B   Diana Hayden

C   Tara Anne Fonseca

D   Zeenat Aman

   Answer: B

Question 45

Which Indian won the Gold in Women's freestyle wrestling, 50 kg, at the 2018 Asian Games?

A   Vinesh Phogat

B   Babita Kumari

C   Sakshi Malik

D   Kavita Devi

   Answer: A

Question 46

The Bhangra dance form is popular in which state?

A Puducherry

B Maharashtra

C Punjab

D Rajasthan

   Answer: C

Question 47

.... alloy consists of nickel, copper and zinc.

A Solder

B German silver

C Bell Metal

D Rose Metal

   Answer: B

Question 48

All of the following siblings have won the Dadasaheb Phalke Award, EXCEPT ....

A Lata Mangeshkar and Asha Bhosle

B B R Chopra and Yash Chopra

C Raj Kapoor and Shashi Kapoor

D Mahesh Bhatt and Vikram Bhatt

   Answer: D

Question 49

The Zoji La Pass is in which mountain range?

A Zanskar Range

B Ladakh Range

C East Karakoram Range

D Dhauladhar Range

   Answer: A

Question 50

The Union Budget 2018 allocated ₹ 5,750 crore to ....

A   Operation Green

B   the Ujjwala Yojana

C   the Saubhagya Yojna

D   the National Livelihood Mission

  Answer: D

Quant

Instructions

Study the following table carefully to answer the questions given below.

Marks obtained by three students A,B and C in three subjects out of 100			
Student	Subjects		
	Maths	Science	English
A	88	86	66
B	65	74	78
C	72	68	84

Question 51

The total marks obtained by 'A' in all the subjects together is:

A   260

B   240

C   228

D   242

  Answer: B

Question 52

What is the difference between A's and C's total marks in the exam?

A   15

B   13

C   16

D   22

  Answer: C

Instructions

For the following questions answer them individually

Question 53

If a man cuts the grass of a lawn in T minutes, what part of the lawn can he cut in 30 minutes?

A T/30

B T-30

C 30-T

D 30/T

   Answer: D

Question 54

The base area of a cuboid is 34 sq cm. and height is 3.5 cm. What is the volume of cuboid?

A $125\ cm^3$

B $97\ cm^3$

C $119\ cm^3$

D $108\ cm^3$

   Answer: C

Question 55

The value of $\frac{1}{3} + \frac{6}{7} \div \frac{6}{3} + \frac{8}{9} - \frac{2}{3} \times \frac{4}{3}$ is:

A $\frac{16}{21}$

B $\frac{17}{21}$

C $\frac{15}{21}$

D $\frac{9}{21}$

   Answer: A

Question 56

Sixty percent of the rats included in a particular experiment were female rats. If some of the rats died during the experiment and 30% of rats died were male, what was theratio of the death rate among the malerats to the death rate among the female rats?

A 3 : 4

B 9 : 14

C 9 : 16

D 6 : 7

   Answer: B

Question 57

What should come in place of question mark (?) in the following questions?

$(140 + 80 \times 2 - 24) \div (80 + 20 \times 3 - 40) = ?$

A 276

B -27.6

C 2.76

D 0.276

   Answer: C

Question 58

What is the fourth proportional to 3, 7 and 15?

A 30

B 45

C 35

D 25

   Answer: C

Question 59

Asum of ₹ 5000is invested for two years under compound interest at 10% p.a, interest being compounded annually. The interest earned (in ₹) is:

A 2100

B 1000

C 1050

D 500

   Answer: C

Question 60

A train passes the platform in 18 seconds and a man standing on the platform in 8 seconds. If the length ofthetrain is 100 metres, the length of the platform is:

A 125 m

B 140 m

C 150 m

D 130 m

   Answer: A

Question 61

John travels $\frac{2}{3}^{rd}$ of a distance by bike and remaining 6 km on foot. How many km does he travels in the whole journey?

A 28km

B 18km

C 26km

D 14km

   Answer: B

Question 62

Virat kohli has certain batting average of 9 innings. In the tenth innings he scored 106 runs there by increasing his average by 6 runs. His newbatting averageis:

A 48

B 56

C 52

D 46

   Answer: C

Instructions

Study the following table carefully to answer the questions given below.

Marks obtained by three students A,B and C in three subjects out of 100			
Student	Subjects		
	Maths	Science	English
A	88	86	66
B	65	74	78
C	72	68	84

Question 63

The average marks obtained by all the students in Maths is:

A 79

B 87

C 81

D 75

   Answer: D

Instructions

For the following questions answer them individually

Question 64

If the length of a rectangle is increased in the ratio 4 : 5 and its breadth is decreased in the ratio 3 : 2, then its area will be decreasedin the ratio …………

A 2 : 1

B 4 : 3

C 10 : 3

D 6 : 5

   Answer: D

Question 65

If $\frac{a}{b} = \frac{2}{3}$, then the value of $(5a^3 - 2a^2b) : (3ab^2 - b^3)$ is:

A 16:27

B 32:29

C 34:19

D 27:16

   Answer: A

Question 66

In whatproportion must a grocer mix onekindofbajra at ₹ 45 per kg with another at ₹ 32 per kg in order that by selling the mixture at ₹ 48 per kg he may make a profit of 20%?

A 4 : 1

B 8 : 5

C 7 : 5

D 9 : 5

   Answer: B

Question 67

Asum of ₹ 10000 is lent partly at 8% and remaining at 10% per annum.If the yearly interest on the average is 9.2%, then both parts are respectively.

A ₹5500 and ₹ 4500

B ₹4500 and ₹ 5500

C ₹5000 and ₹ 5000

D ₹4000 and ₹ 6000

Answer: D

Question 68

The marked price of a bike is ₹ 33,600. Theretailer announced a discount of 16% on the occasion of Holi. What amount a customer will have to pay for the bike?

A ₹28224

B ₹5376

C ₹5976

D ₹20224

Answer: A

Question 69

What is the L.C.M. of $\frac{10}{21}, \frac{20}{63}, \frac{55}{56}$?

A $\frac{5}{7}$

B $\frac{220}{7}$

C $\frac{220}{504}$

D $\frac{5}{504}$

Answer: B

Question 70

The speed of train in going from Bhopal to Varanasi is 100 kmph while when coming back from Varanasi to Bhopal, its speed is 80 kmph. Whatis the average speed during the whole journey? (correct to two decimal places

A 78.56 kmph

B 88.89 kmph

C 86.53 kmph

D 90.52 kmph

Answer: B

Question 71

By selling 20 metres of cloth, a man gains the selling price of 4 metres of cloth. The gain percentis:

A 15 %

B 20 %

C 22 %

D 25 %

Answer: D

Question 72

A person purchasesa silk cloth of length 50 m and width 1 m atthe rate of ₹ 250 per sq m and a cotton cloth of length 40 m and width 2m atthe rate of ₹ 200 per sq m. Whatis the difference between the prices of two cloths?

A ₹4100

B ₹3200

C ₹3950

D ₹3500

Answer: D

Question 73

A dice is rolled twotimes. Find the probability of getting a composite number on first roll and a prime number on second roll?

A $\frac{1}{2}$

B $\frac{1}{6}$

C $\frac{1}{9}$

D $\frac{1}{4}$

Answer: B

Question 74

A pipe can fill a cistern in 20 minutes whereas the cistern when full can be emptied by a leak in 28 minutes. When both are opened,the time takento fill the cistern is:

A 48 min

B 70 min

C 80 min

D 60 min

Answer: B

Question 75

Ram buys articles at 70 for ₹ 890 and sold at 60 for ₹ 890. What is his gain percent?

A $17\frac{1}{3}$ %

B 25 %

C 20 %

D $16\frac{2}{3}$ %

  Answer: D

English

Instructions

For the following questions answer them individually

Question 76

Select the wrongly spelt word.

A   Committee

B   Corruption

C   Concious

D   Completely

  Answer: C

Question 77

Select the meaning of the given idiom.
Bring to one's knees

A   to force to submit

B   to trouble someone

C   to request to bend

D   to support someone

  Answer: A

Question 78

Select the word which means the same as the group of words given.
A person whois recovering after an illness or medical treatment

A   Athlete

B   Convalescent

C   Healthy

D   Altruist

  Answer: B

Question 79

Select the antonym of the given word.
RELUCTANT

A Unenthusiastic

B Opposed

C Unwilling

D Willing

   Answer: D

Question 80

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No substitution required.
The two sisters look quite <u>different in each other</u>.

A different as each other

B No substitution required

C different with one another

D different from each other

   Answer: D

Question 81

Select the most appropriate option to substitute the underlined segment in the given sentence.If there is no need to substitute it, select No substitution required.
Our meals usually have at least one item <u>make of some kinds</u> of grain.

A No substitution required

B making of any kinds

C made of some kind

D makes of kind

   Answer: C

Question 82

Select the meaning of the given idiom.
Cool as Cucumber

A to be smart

B to be aggressive

C to be calm

D to be clever

   Answer: C

Question 83

Select the synonym of the given word.
MADNESS

A   Wisdom

B   Stability

C   Insanity

D   Balance

   Answer: C

Question 84

Select the antonym of the given word.
LAMENT

A   Regret

B   Rejoice

C   Grieve

D   Moum

   Answer: B

Question 85

Identify the segment in the sentence which contains the grammatical error from the given options.
The thin wire that giving off light is called the filament.

A   light is called

B   The thin wire

C   giving off

D   the filament

   Answer: C

Question 86

Identify the segment in the sentence which contains the grammatical error from the given options.
The jute plant is normal harvested when it is at flowering stage.

A   The jute plant

B   when it is

C   flowering

D   is normal

   Answer: D

Instructions

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.
Passage:

Those of us wholive in (1)............. covered with forests and surrounded (2)............ hills may findit difficult to (3)............. what a desert is really like. The (4)............. belief is that it is (5).............. endless stretch of sand where no rain falls and, therefore. no vegetation grows.

Question 87

Select the most appropriate option that will fill in the blank number 1.

A   quarters

B   territory

C   regions

D   cities

   Answer: D

Question 88

Select the most appropriate option that will fill in the blank number 2.

A   by

B   for

C   from

D   with

   Answer: A

Question 89

Select the most appropriate option that will fill in the blank number 3.

A   feel

B   imagine

C   look

D   calculate

   Answer: B

Question 90

Select the most appropriate option that will fill in the blank number 4.

A   popular

B fake

C attractive

D noted

   Answer: A

Question 91

Select the most appropriate option that will fill in the blank number 5.

A the

B a

C no article needed

D an

   Answer: D

Instructions
For the following questions answer them individually

Question 92

Identify the segmentin the sentence which contains the grammatical error from the given options.
Seeds of mustard plants give us oil and the leave are used as a vegetable.

A Seeds of

B give us oil

C leave are used

D as a vegetable

   Answer: C

Question 93

Select the word which means the sameas the group of words given.
Someone whowishesto destroy the existing government and laws

A Anarchist

B Pacifist

C Patriot

D Hermit

   Answer: A

Question 94

Select the most appropriate option to substitute the underlined segment in the given sentence.If there
is no need to substitute it, select No substitution required.
Tea leaves is separate from the liquid with a strainer, while preparing tea.

A   are separated from

B   No substitution required

C   was separate to

D   were separating to

   Answer: A

Question 95

Select the most appropriate wordto fill in the blank.
Among the .... kinds, the most commonantis black or red.

A   separate

B   much

C   lots of

D   various

   Answer: D

Question 96

Select the most appropriate wordto fill in the blank.
I was astounded at his .... knowledge aboutthe continent of Africa.

A   Colossal

B   Grave

C   Massive

D   Vast

   Answer: D

Question 97

Select the most appropriate word to fill in the blank.
The .... of the minister's statement cannotbe verified by people who have no access to official records.

A   validity

B   rejection

C   approval

D   ambiguity

   Answer: A

Question 98

Select the most appropriate wordto fill in the blank.
This seems to be a .... rifle.

A   soldier'

B   soldiers

C   soldier

D   soldier's

   Answer: D

Question 99

Select the synonym of the given word.
LUCID

A   Ambiguous

B   Confusing

C   Clear

D   Unclear

   Answer: C

Question 100

Select the wrongly spelt word.

A   Secretary

B   Scenary

C   Surely

D   Sergeant

   Answer: B

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