

Direction(1-3) : Select the related word from the given alternatives.

Q1. Air : Fly :: Water :?

- (a) Sink
- (b) Drink
- (c) Swim
- (d) Land

Q2. PRT : XZB :: JLN :?

- (a) QRU
- (b) RTV
- (c) SUW
- (d) RST

Q3. 77 : 14 :: 99 :?

- (a) 18
- (b) 81
- (c) 20
- (d) 27

Direction(4-6) : Select the odd word from the given alternatives.

Q4.

- (a) Baseball
- (b) Hand ball
- (c) Volley ball
- (d) Hockey ball

Q5.

- (a) LJI
- (b) CAZ
- (c) RQP
- (d) PNM

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Q6.

- (a) 81
- (b) 27
- (c) 103
- (d) 135

Q7. A series is given, with one word missing. Choose the correct alternative from the given ones that will complete the series.

Eye, year, crown, luxury,?

- (a) Indian
- (b) American
- (c) Chinese
- (d) Europe

Q8. A series is given, with one word missing. Choose the correct alternative from the given ones that will complete the series.

ABBBBB, BBBBA, AB BB, BBA, AB,?

- (a) A
- (b) B
- (c) BA
- (d) ABA

Q9. A series is given, with one number missing. Choose the correct alternative from the given ones that will complete the series.

11, 14, 19, 27, 39, ?

- (a) 49
- (b) 56
- (c) 72
- (d) 64

Q10. Divyansh's birthday is on Sunday 16th July. On what day of the week will be Shaan's Birthday in the same year if Shaan was born on 1st August?

- (a) Tuesday
- (b) Monday
- (c) Wednesday
- (d) Wednesday

Q11. The weights of 4 boxes are 30, 20, 50 and 90 kilograms. Which of the following cannot be the total weight, in kilograms, of any combination of these boxes and in a combination a box can be used only once?

- (a) 200
- (b) 190
- (c) 140
- (d) 160

Q12. From the given words, select the word which cannot be formed using the letters of the given word.

QUADRILATERAL

- (a) TRIAL
- (b) DIARY
- (c) DILATE
- (d) RITUAL

Q13. If DISCOUNT is coded as FKUEQWPV, then how will PROFIT be coded as?

- (a) RTQHKW
- (b) QUQIKV
- (c) RTQHKV
- (d) QTRIKW

Q14. In a certain code language, '+' represents 'x', '-' represents '+', 'x' represents '÷' and '÷' represents '-'. What is the answer to the following question?

$$80 \times 4 \div 25 + 2 - 41$$

- (a) 0
- (b) 11
- (c) 43
- (d) -13

Q15. If $42 \# 11 = 106$, $5 \# 9 = 28$, $17 \# 21 = 76$; then what is the value of $35 \# 6 = ?$

- (a) 82
- (b) 41
- (c) 108
- (d) 56

Q16. Select the missing number from the given responses.

| | | |
|---|---|----|
| 4 | 9 | 65 |
| 2 | 7 | 45 |
| 8 | ? | 36 |

- (a) 11
- (b) 6
- (c) 9
- (d) 10

Q17. A and B start from the same point. A cycles 8 km South, then turns to her right and cycles 5 km. B cycles 3 km North, then turns West and cycles 5 km, then turns to her left and cycles 4 km. Where is B with respect to A now?

- (a) 7 km North
- (b) 7 km South
- (c) 15 km North
- (d) 15 km South

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Q18. In the question a statement is given, followed by two arguments, I and II. You have to consider the statement to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given arguments, if any, is a strong argument.

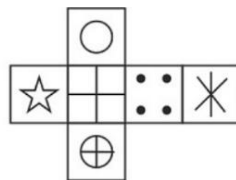
Statement: Should Chinese crackers be banned?

Argument I: No, China will be hurt by this decision.

Argument II: Yes, crackers kill insects.

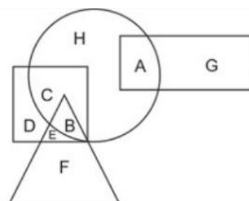
- (a) if only argument I is strong.
- (b) if only argument II is strong.
- (c) if both I and II are strong.
- (d) if neither I nor II is strong.

Q19. Which of the following cube in the answer figure cannot be made based on the unfolded cube in the question figure?



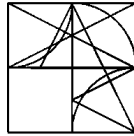
- (a)
- (b)
- (c)
- (d)

Q20. In the following figure, square represents pharmacists, Triangle represents Dancers, circle represents Gynaecologists and rectangle represents women. Which set of letters represents Gynaecologists who are neither women nor Dancers ?



- (a) F,B,H
- (b) B,D,H
- (c) D,E,A
- (d) C,H

Q21. Which answer figure will complete the pattern in the question figure ?



(a)



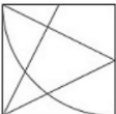
(b)



(c)



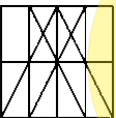
(d)



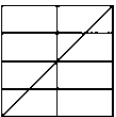
Q22. From the given figure answer figures, select the one in which the question figure is hidden/embedded.



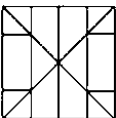
(a)



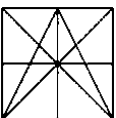
(b)



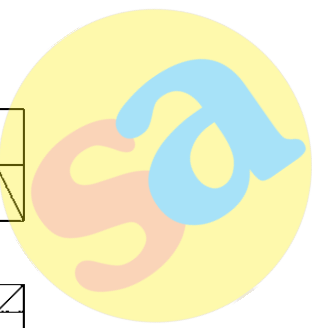
(c)



(d)



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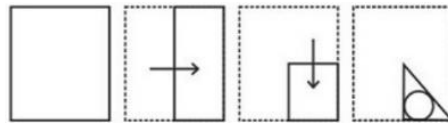
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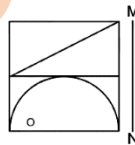
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Q23. A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened.



- (a)
- (b)
- (c)
- (d)

Q24. If a mirror is placed on the line MN, then which of the answer figures is the right image of the given figure?



- (a)
- (b)
- (c)
- (d)

Q25. A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as shown in the given two matrices. The columns and rows of Matrix-I are numbered from 0 to 4 and that of Matrix-II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, for example 'K' can be represented by 41, 42 etc and 'Z' can be represented by 69, 96 etc. Similarly, you have to identify the set for the word ' PORE' .

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

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

- (a) 88, 33, 68, 85
- (b) 77, 58, 32, 13
- (c) 88, 89, 85, 04
- (d) 87, 22, 43, 14

Q26. The entry port for trade between the Indus trading centres and Mesopotamia was?

- (a) Elam
- (b) Oman
- (c) Bahrain
- (d) Afghanistan

Q27. Who among the following is NOT a famous dancer of Bharatanatyam?

- (a) Rukmini Devi Arundale
- (b) T. Balasaraswati
- (c) Yamini Krishnamurthy
- (d) Jhaveri sisters

Q28. Which ruler of Vijayanagar allowed the Portuguese to build a church in his empire?

- (a) Venkat II
- (b) Achyut Rai
- (c) Thirumal
- (d) Krishna Deva Rai

Q29. In whose viceroyalty, the white mutiny took place?

- (a) Lord Curzon
- (b) Lord Minto
- (c) Lord Hardinge
- (d) Lord Ripon

HINDI

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Q30. Who of the following Prime Ministers sent Cripps Mission to India?

- (a) James Ramsay MacDonald
- (b) Stanley Baldwin
- (c) Neville Chamberlain
- (d) Winston Churchill

Q31. Which park also shares its boundaries with Bangladesh?

- (a) Sundarbans National Park
- (b) Kaziranga National Park
- (c) Kanchendzonga National Park
- (d) Panna National Park

Q32. Bhutan does not share its border with which Indian state?

- (a) West Bengal
- (b) Sikkim
- (c) Meghalaya
- (d) Arunachal Pradesh

Q33. What is the full form of ITCZ?

- (a) Inter tropical converter zone
- (b) Inter tropical convergence zone
- (c) Inter tropical centre zone
- (d) None of these

Q34. Africa's highest mountain peak Mt. Kilimanjaro lies in

- (a) Kenya
- (b) Malawi
- (c) Tanzania
- (d) Zambia

Q35. Fundamental Duties were included in the Constitution of India on the recommendation of

- (a) Balwant Rai Mehta Committee
- (b) Lyngen Committee
- (c) Swarn Singh Committee
- (d) Thakkar Committee

Q36. Zonal Councils were provided under

- (a) the original Constitution
- (b) the State Reorganisation Act, 1956
- (c) the 42nd Amendment
- (d) 44th Amendment

Q37. MUDRA Bank has been launched to help

- (a) Small business
- (b) Marginal farmers
- (c) Poor women
- (d) Rural sector

Q38. Which of the following has the lowest frequency?

- (a) Visible light
- (b) Gamma rays
- (c) X-rays
- (d) Ultra violet rays

Q39. At hill stations, the boiling point of water will be -

- (a) same as at sea level
- (b) less than that at sea level
- (c) more than that at sea level
- (d) equal to the melting point of ice

Q40. Which of the following bonds are weakest in nature?

- (a) Single bond
- (b) Double bond
- (c) Triple bond
- (d) Hydrogen bond

Q41. What is the common characteristic of the elements of the same group in the periodic table?

- (a) Electrons in outer most shell
- (b) Total number of electrons
- (c) Total number of protons
- (d) Atomic weight

Q42. Pepsin is an enzyme that digests ____.

- (a) Proteins
- (b) Starch
- (c) Carbohydrate
- (d) Fats

Q43. The somatosensory receptors in human beings detect ____.

- (a) taste
- (b) smell
- (c) touch
- (d) hear

ENGLISH



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Q44. Alveoli are balloon like structures within the ____.

- (a) Lungs
- (b) Kidney
- (c) Liver
- (d) Heart

Q45. Which state has topped India's first-ever ranking of states on justice delivery?

- (a) Haryana
- (b) Tamil Nadu
- (c) Maharashtra
- (d) Kerala

Q46. The researchers of which country have developed renewable energy storage device?

- (a) Italy
- (b) United States
- (c) France
- (d) United Kingdom

Q47. What is India's rank in Global Health Security Index, 2019?

- (a) 54th
- (b) 68th
- (c) 57th
- (d) 75th

Q48. IRCTC has decided to compensate the passengers of which train for delays?

- (a) New Delhi-Jaipur Tejas Express
- (b) New Delhi-Lucknow Tejas Express
- (c) New Delhi-Agra Tejas Express
- (d) New Delhi-Bhopal Tejas Express

Q49. Who is the author of the book 'India and the Netherlands - Past, Present and Future'?

- (a) P C Chagla
- (b) Venu Rajamony
- (c) Navtej Sarna
- (d) Harsh Vardhan Shringla

Q50. The 74th Session of United Nations General Assembly(UNGA) has started in which city?

- (a) Geneva
- (b) New York
- (c) Copenhagen
- (d) Berlin

Q51. Select the correct options:

Convert decimal 43 to binary

- (a) 101011
- (b) 101101
- (c) 100110
- (d) 110011

Q52. Amit can paint a house in 48 days and Neeraj can do it in 24 days. Along with Ram, they can finish the job in 8 days only. Ram alone can do the painting job in how many days?

- (a) 12 days
- (b) 15 days
- (c) 16 days
- (d) 14 days

Q53. A bag has Rs. 170 in the form of 5 rupee, 50-paise and 10 paise coins in the ratio of 3 : 30 : 40. What is the total number of 50 paise coins?

- (a) 200
- (b) 150
- (c) 175
- (d) 100

Q54. What is the area(in sq. cm) of a circle whose circumference is 221.32 cm?

- (a) 3896.3
- (b) 3265.9
- (c) 4358.7
- (d) 2001.6

Q55. In the first 40 overs of a 50 over innings, the run rate was 5.5 runs per over. What is the required run rate in the remaining overs to reach the target of 287 runs?

- (a) 4.2
- (b) 6.7
- (c) 7.2
- (d) 6.3

Q56. A milkman buys milk at Rs 36 per litre. He adds $\frac{1}{4}$ of water to it and sells the mixture at Rs. 40 per litre. What will be his gain(in%) ?

- (a) 42.34%
- (b) 34.59%
- (c) 38.89%
- (d) 52.8%

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Q57. When a number is increased by 108, it becomes 127% of itself what is the number?

- (a) 350
- (b) 400
- (c) 296
- (d) 420

Q58. Two bikers A and B moves at 40 km/hr and 68 km/hr towards each other respectively. What was the distance(in kms) between them when they started if they met after 36 minutes?

- (a) 48 km
- (b) 54.8 km
- (c) 64.8 km
- (d) 60.4 km

Q59. If the amount received at 5% per annum compound interest after 3 yrs is Rs. 27,783, then what will have been the principal(in Rs) amount?

- (a) 18000
- (b) 22000
- (c) 27000
- (d) 24000

Q60. If $\frac{7x}{2} + \frac{4(9x + \frac{22}{x})}{29} = 11$

Then what is the value of x?

- (a) 2
- (b) 3
- (c) 4
- (d) 5

Q61. If $a - b = -3$ and $ab = 9$, then what is the value of $a^3 - b^3$?

- (a) -81
- (b) -108
- (c) -243
- (d) 27

Q62. The sum of a fraction and 4 times its reciprocal is $\frac{89}{20}$. What is the fraction?

- (a) $\frac{2}{3}$
- (b) $\frac{3}{2}$
- (c) $\frac{5}{4}$
- (d) $\frac{7}{8}$

Q63. The 4th and 10th term of an arithmetic progression are 15 and 87 respectively. What is the 13th term?

- (a) 112
- (b) 133
- (c) 132
- (d) 123

Q64. What is the reflection of the point(4, 5) in the line $y = 7$?

- (a) (10, 5)
- (b) (4, 9)
- (c) (4, 7)
- (d) (4, 3)

Q65. Point S(3, 7) is the mid point of segment xy. Coordinates of x are(8,y) and y are(x, 8) . What is the value of x?

- (a) -3
- (b) -2
- (c) 4
- (d) -4

Q66. What is the equation of a line having a slope $-1/2$ and y intercept is equal to 5?

- (a) $x - 2y - 10 = 0$
- (b) $x - 2y + 10 = 0$
- (c) $x + 2y + 10 = 0$
- (d) $x + 2y - 10 = 0$

Q67. PQR is triangle right angled at Q. QS is its altitude. PS = 4 cm and SR = 5 cm. what is the value of PQ(in cm) ?

- (a) 5
- (b) 6
- (c) 4.8
- (d) 5.4

Q68. What is the value of $\operatorname{cosec} 30^\circ + \frac{4}{3} \cos 60^\circ$?

- (a) $2\sqrt{2}$
- (b) $\sqrt{3} + 2$
- (c) $8/3$
- (d) $7/3$

Q69. ΔABC is right angled at B. if $\angle A = 45^\circ$. What is the length(in cm) of BC, if AC = 8 cm?

- (a) $4\sqrt{2}$
- (b) $4\sqrt{3}$
- (c) $3\sqrt{2}$
- (d) $2\sqrt{2}$

Q70. If $\sec\theta = \frac{97}{65}$, then what is the value of $\operatorname{cosec} \theta$?

- (a) $97/72$
- (b) $97/62$
- (c) $65/72$
- (d) $65/62$

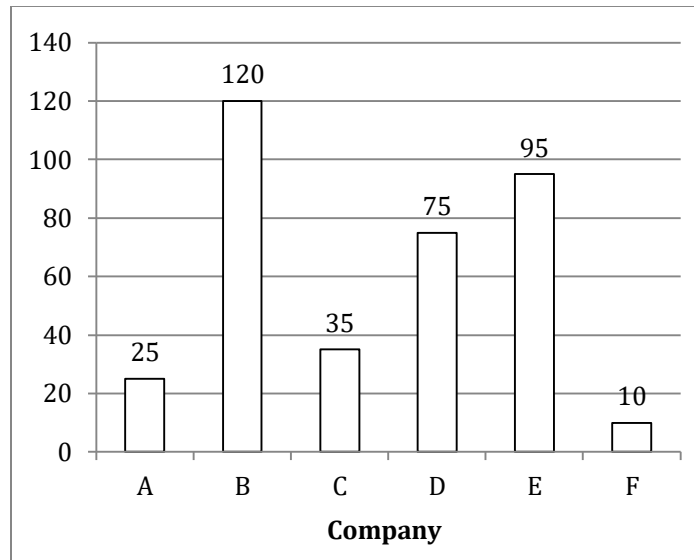
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Direction(71-74) : There are six taxi companies(A, B, C, D, E, F) in a certain city. The bar graph shows the number of taxis run by each of these six companies. Study the diagram and answer the following questions.



Q71. Which taxi company has more taxis than A but less than D?

- (a) B
- (b) C
- (c) F
- (d) E

Q72. If 30 taxis quit company B and joined company D then D will have how many more taxis than C?

- (a) 40
- (b) 30
- (c) 110
- (d) 70

Q73. Even if A and C decide to merge, still D will have how many more taxis(in %) than the merged A and C entity?

- (a) 15
- (b) 20
- (c) 10
- (d) 25

Q74. If each taxi on an average runs 100 kms every day and if fuel cost is Rs 3 per km, then all these taxis spend how much(in Rs.) on fuel every day?

- (a) 128000
- (b) 108000
- (c) 118000
- (d) 98000

Q75. To cover a distance of 90 km in 2.5 hours what should be the average speed of the car in meters/second?

- (a) 10
- (b) 20
- (c) 30
- (d) 40

Direction: Given below are four jumbled sentences. Select the option that gives their correct order.

Q76.

A-The disputed land to Ram Lalla, the share of support and.

B-Opposition started to pour in as soon as the verdict was announced.

C-As the Supreme Court put an end to the centuries-old Ayodhya.

D-Ram Janmbhoomi-Babri Masjid dispute case on November 9, by giving.

- (a) DACB
- (b) BADC
- (c) ADBC
- (d) CDAB

Direction: In the sentence identify the segment which contains the grammatical error.

Q77. Any investor who buys stock(A) / in such a company is a sheep(B)) / begging to be sheered. C) / No Error(D)

- (a) A
- (b) B
- (c) C
- (d) D

Q78. Select the word with the correct spelling.

- (a) extempuraneous
- (b) extamporaneous
- (c) extemporaneous
- (d) extemporaeous

Direction: Select the most appropriate meaning of the given idiom that has been bold.

Q79. The die is cast and nothing can be done now.

- (a) the game has been played
- (b) there has been a failure
- (c) the effect has worn out
- (d) the decision has been taken

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Direction (80-81) : In these questions, out of the four alternatives choose the one which can be substituted for the given words/sentence.

Q80. Military waking up signals in the morning

- (a) Flux
- (b) Reveille
- (c) Sine Qua Non
- (d) Promenade

Q81. A general law, rule principle or criterion by which something is judged

- (a) Lacuna
- (b) Canon
- (c) Subsistence
- (d) Hiatus

Direction: Improve the bracketed part of the sentence.

Q82. From time immemorial there(have been friendly migration) and unfriendly onslaughts on the Kerala society, mostly through the sea.

- (a) has been friendly migrations
- (b) No improvement
- (c) has been friendly migration
- (d) have been friendly migrations

Direction: In the following question, sentences are given with blanks to be filled in with an appropriate word(s) . Four alternatives are suggested for each question. Choose the correct alternative out of the four as your answer.

Q83. Rival fans were involved in a _____ in Kilburn High Road when windows and the interior of a pub were damaged.

- (a) truce
- (b) red tape
- (c) skirmish
- (d) cryosphere

Direction: In the following questions, out of the four alternatives, choose the word which is *opposite* in meaning to the given word and click the button corresponding to it.

Q84. VILIPEND

- (a) Decry
- (b) Exalt
- (c) Reprobate
- (d) Slur

Directions(85-89) : In the following passage some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

It is not ____ to ignore all allegations of booth capturing and rigging as murmurs of ____ losers. ____ have come to light of intimidation of whole villages and communities to make them vote for a particular candidate or party. At times election officials have been ____ by unscrupulous politicians into turning a blind eye to ____ practices.

Q85. It is not _____ to ignore all allegations of booth capturing

- (a) realistic
- (b) restricted
- (c) strait
- (d) fuselage

Q86. And rigging as murmurs of _____ losers.

- (a) rational
- (b) disgruntled
- (c) huge
- (d) idealist

Q87. _____ have come to light of intimidation of whole villages and communities

- (a) instances
- (b) sources
- (c) reasons
- (d) ideas

Q88. At times election officials have been _____ by unscrupulous politicians

- (a) decided
- (b) safeguarded
- (c) rejuvenated
- (d) threatened

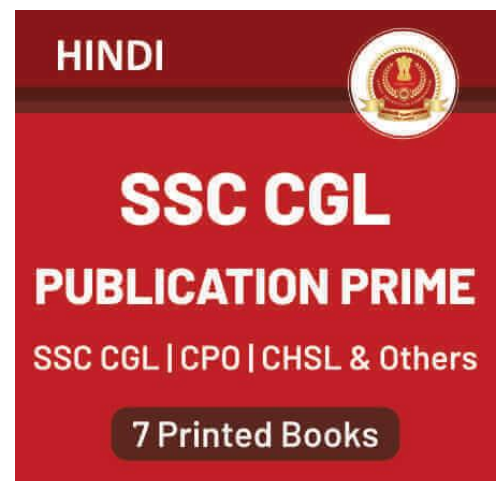
Q89. Into turning a blind eye to _____ practices.

- (a) significant
- (b) rare
- (c) unjust
- (d) usual

Direction: Choose among the following that best expresses the meaning of the given word.

Q90. RANCOUR

- (a) Prejudice
- (b) Unconventional
- (c) Disappointment
- (d) Hatred



Direction(91-92) : In the following questions, a sentence has been given in Active/Passive Voice. Out of the four alternatives suggested, select the one which best expresses the same sentence in Passive/Active Voice.

Q91. Open the almirah.

- (a) The almirah must be opened.
- (b) The almirah will be opened.
- (c) The almirah is opened.
- (d) Let the almirah be opened.

Q92. Did he remember the anniversary date?

- (a) Are the anniversary date remembered by him?
- (b) Was he remembering the anniversary date?
- (c) Was the anniversary date remembered by him?
- (d) Did the anniversary date be remembered by him?

Direction: Given below are four jumbled sentences. Select the option that gives their correct order.

Q93.

A-Enough time to prepare for their first Day/Night Test.

B-The idea behind an early delivery of the balls was to allow both India and Bangladesh cricketers.

C-The teams to keep special practice sessions with the pink ball before the first Test.

D-A gap of only 3 days between the first Test at Indore and the Day/Night Test in Kolkata has prompted.

- (a) DACB
- (b) BADC
- (c) ADBC
- (d) CDAB

Direction: In the sentence identify the segment which contains the grammatical error.

Q94. The author's vision suffused by(A) / an innocence and warmth, may not correspond(B) / to the country as it is today(C) / No Error(D)

- (a) A
- (b) B
- (c) C
- (d) D

Q95. Select the word with the correct spelling.

- (a) tumulutuous
- (b) tumultous
- (c) tumultuous
- (d) tumultouos

Direction: Select the most appropriate meaning of the given idiom that has been bold.

Q96. The police cordoned off the area after the explosion.

- (a) investigated thoroughly
- (b) filled
- (c) isolated
- (d) checked everyone in

Direction: Improve the bracketed part of the sentence.

Q97. The fact that he(**can't be able to**) sing is known only to very few people.

- (a) is not able to
- (b) couldn't be able to
- (c) can't able to
- (d) No improvement

Direction: In the following question, sentences are given with blanks to be filled in with an appropriate word(s) . Four alternatives are suggested for each question. Choose the correct alternative out of the four as your answer.

Q98. Forests on the whole are less _____ than farms to flood damage.

- (a) exposed
- (b) effected
- (c) destructible
- (d) vulnerable

Direction: In the following questions, out of the four alternatives, choose the word which is *opposite* in meaning to the given word and click the button corresponding to it.


Q99. PESTILENT

- (a) Innocuous
- (b) Contagious
- (c) Affable
- (d) Honesty

Direction: Choose among the following that best expresses the meaning of the given word.

Q100. TRYST

- (a) Rendezvous
- (b) Sacristy
- (c) Vestry
- (d) Pitfall

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