

SSC GD 10th Dec 2021 Shift-3**Reasoning**

1. C is the son of A but A is not the mother of C. D and C are a married couple. E is the brother of C. F is the daughter of D. G is the brother of A. How is E related to F?

- A** Uncle
- B** Father
- C** Sister-in-law
- D** Brother

Answer: A

2. Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the one that is different.

- A** VOL
- B** OSD
- C** MAA
- D** OTP

Answer: C

3. In a certain code language, 'PRETTY' is coded as 894773 and 'SCIENCE' is coded as 6524154. How will 'PRINCE' be coded in that language?

- A** 892145
- B** 891254
- C** 892154
- D** 891345

Answer: C

4. In a certain code language, SUNSET is written as RTMTFU. How will JORDEN be written in that language?

- A** NIQFOE
- B** INQEFO
- C** INQEOF
- D** INQFOE

Answer: B

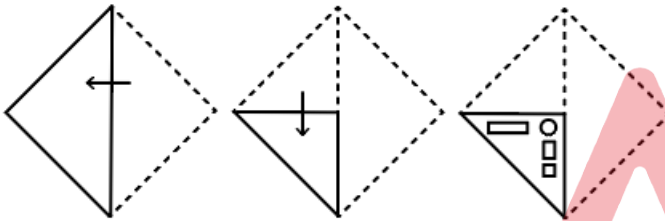
5. Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

POLINDROME |
P
Q

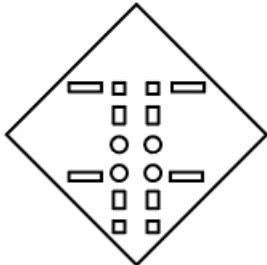
- A EMONIRIOP
- B ʘOΓINDʘOME
- C EMOYRIOP
- D ʘOΓINDIOME

Answer: C

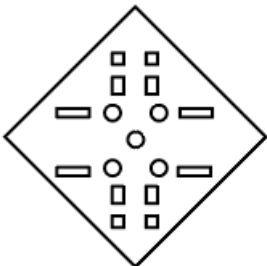
6. The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



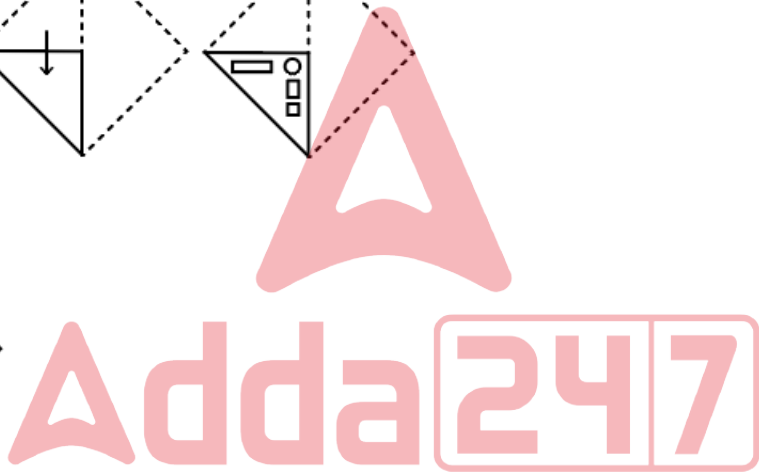
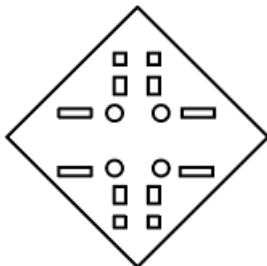
A

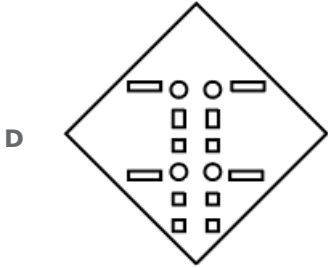


B



C





Answer: C

7. Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Lethal
2. Leather
3. Leaves
4. Least
5. Lesion

A 4, 2, 3, 1, 5

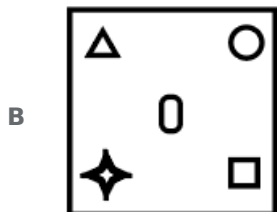
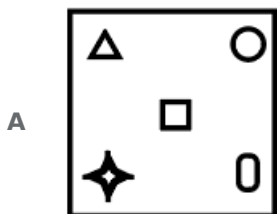
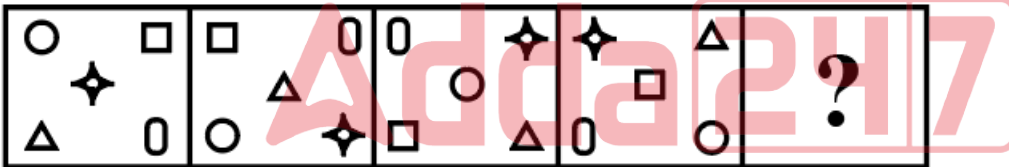
B 2, 4, 3, 5, 1

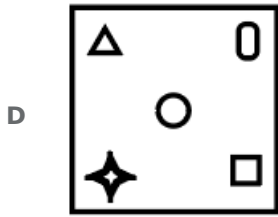
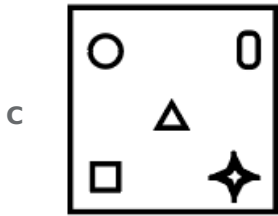
C 4, 2, 5, 3, 1

D 4, 2, 3, 5, 1

Answer: D

8. Select the figure that will replace the question mark(?) in the following series.





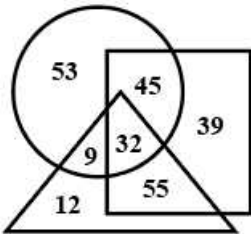
Answer: B

9. Select the option in which the numbers are related in the same way as are the numbers in the given set.
5, 10, 25

- A 11, 74
- B 12, 15, 55
- C 9, 15, 36
- D 16, 12, 85

Answer: C

10. In the following diagram, the triangle stands for 'women', the square stands for 'mothers', and the circle stands for 'dancers'. The numbers given in the different segments represent the number of persons of that category.



How many women are dancers but NOT mothers?

- A 55
- B 9
- C 45
- D 32

Answer: B

11. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.
PHW, SKZ, WOD, BTI, ?

- A HZO
- B HYN

C GAO

D GZP

Answer: A

12. What will be the value of the given expression if 'A' means '+', 'B' means '-', 'C' means '×', and 'D' means '÷'?

$$44 A 7 B (9 C 7) A (24 B 19) A (18 D 6) C 4$$

A 11

B 5

C 51

D 19

Answer: B

13. Select the number from among the given options that can replace the question mark (?) in the following series.

2.5, 3.5, 7.5, 23.5, ?, 343.5

A 108.5

B 154.5

C 87.5

D 129.5

Answer: C

14. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

No painting is beautiful.

All colours are beautiful.

All wires are paintings.

Conclusions:

I. Some paintings are colours.

II. Some paintings are wires.

A Either conclusion I or II follows

B Only conclusion II follows

C Both conclusions I and II follow

D Only conclusion I follows

Answer: B

15. Select the option that is related to the fourth number in the same way as the first number is related to the second number and the fifth number is related to the sixth number.

18 : 558 :: ? : 542 :: 10 : 442

- A 11
- B 15
- C 19
- D 9

Answer: A

16. Eight friends, A, B, C, D, E, F, G and H, are sitting anticlockwise in the same sequence around a circular table, facing the centre, at equal distances between them. If H is sitting in the south direction, in which direction is C sitting?

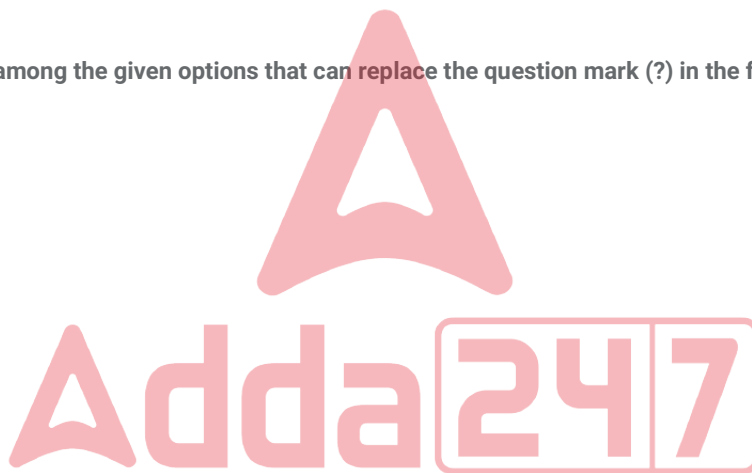
- A North-east
- B South-east
- C North
- D North-west

Answer: A

17. Select the number from among the given options that can replace the question mark (?) in the following series.
29, 33, 42, 58, 83, ?

- A 157
- B 140
- C 119
- D 150

Answer: C

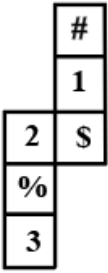


18. 'Body temperature' is related to 'Fever' in the same way as 'Body fat' is related to '_____'.

- A Blood
- B Obesity
- C Treatment
- D Food

Answer: B

19. A cube is made by folding the given sheet. In the cube so formed, which number/symbol will be on the face opposite to the face showing 'S'?



- A 3
- B #
- C %
- D 2

Answer: B

20. Six persons, A, B, C, D, E and F, are sitting in a straight line, all facing the same direction. E is sitting between B and F. A is third to the right of F. E is fourth to the left of A. C is not sitting next to A. Who is sitting between F and D?

- A C
- B E
- C A
- D B

Answer: A

21. In a certain code language, STARTED is written as ATSRDET, and CLOSURE is written as OLCSERU. How will CONFIRM be written in that language?

- A NOFCMRI
- B NOCFMRI
- C NCOMFRI
- D NOCIRMF

Answer: B

22. There are 46 students in a class. All the students take part in one or both of two activities i.e., Yoga and Dance. If 30 students take part in Yoga and 26 students take part in Dance, how many students take part in both Yoga and Dance?

- A 20
- B 8
- C 10

D 16

Answer: C

23. Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.
K _ T _ K R _ C _ R T _ K _ T C

A R C T K C R

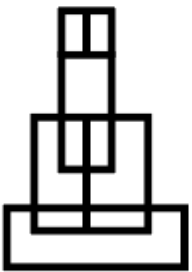
B R C T K T R

C C R T L C R

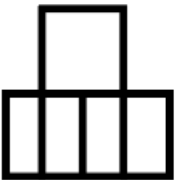
D T C T K C R

Answer: A

24. Select the option that is embedded in the given figure (rotation is NOT allowed).



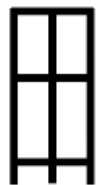
A



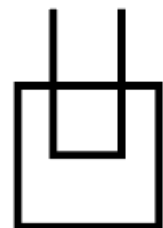
B



C



D



Answer: D

25. Select the option that is related to the third term in the same way as the second term is related to the first term.
PIXEL : OHALS :: JATIN : ?

- A QLWDM
- B QWDML
- C WLRPM
- D PREMD

Answer: A

General knowledge

26. Which Indian state, because of its unique topography, is called 'land of red river and blue hills'?

- A Himachal Pradesh
- B Assam
- C Kerala
- D Karnataka

Answer: B

27. Who among the following became the Director General of Archaeological Survey of India (ASI) in 1861 and is often called the 'Father of Indian Archaeology'?

- A James Prinsep
- B Dominic Asquith
- C Alexander Cunningham
- D AO Hume

Answer: C

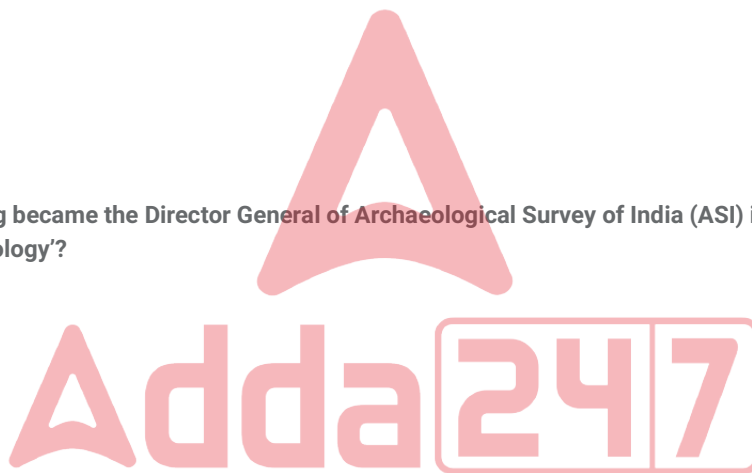
28. For how many oilseeds does the Commission for Agricultural Costs and Prices recommends minimum support prices as of January 2021?

- A Three
- B Seven
- C Five
- D Eight

Answer: B

29. Who among the following is the first Indian boxer to rank No.1 in the world in the 75-kg category by International federation (AIBA) ranking?

- A Shiva Thappa



- B** Gaurav Bidhuri
- C** V jender Singh
- D** Amit Panghal

Answer: C

30. Who among the following is the author of the book 'The India Way: Strategies for an Uncertain World'?

- A** Taranjit Singh Sandhu
- B** Kanwal Sibal
- C** Ajay Bisaria
- D** S Jaishankar

Answer: D

31. Which amendment of the Constitution of India increased the elective strength of the Lok Sabha from 525 to 545 members?

- A** 31st
- B** 37th
- C** 50th
- D** 45th

Answer: A

32. In which year was the Constituent Assembly converted into a Provisional Parliament?

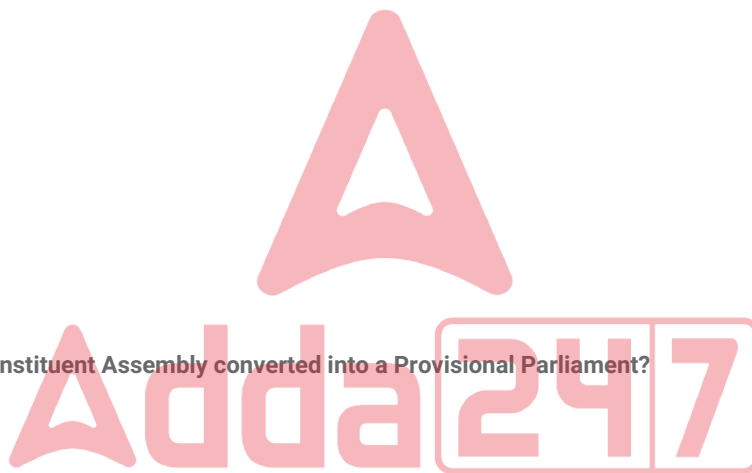
- A** 1949
- B** 1953
- C** 1947
- D** 1950

Answer: D

33. Who among the following established India's first post office in 1774 C.E.?

- A** Warren Hastings
- B** Robert Clive
- C** Lord Mayo
- D** Lord Cornwallis

Answer: A



34. What is the official distance to be covered in a marathon?

- A 15 miles 385 yards
- B 30 miles 385 yards
- C 20 miles 385 yards
- D 26 miles 385 yards

Answer: D

35. Vandana Luthra is an Indian inspirational entrepreneur, who is the founder of:

- A SOVA
- B Body Cafe
- C VLCC Healthcare
- D Skin Yoga

Answer: C

36. Which form of dance involves balancing pots on the head of the dancer?

- A Cheraw
- B Bhavai
- C Marasia
- D Deodhani

Answer: B



37. Around 1810 AD, about _____% of indigo imported to Britain was from India.

- A 95
- B 70
- C 30
- D 10

Answer: A

38. Hepatitis B is a life threatening _____ infection.

- A kidney
- B liver
- C brain
- D heart

Answer: B

39. Which of the following states started India's first snow leopard census in 2020?

- A Himachal Pradesh
- B Jammu and Kashmir
- C Haryana
- D Uttarakhand

Answer: D

40. Which of the following animals does NOT live in a burrow?

- A Rabbit
- B Woodchuck
- C Gopher
- D Tortoise

Answer: D

41. In which of the following states is Lonar Lake, an official Ramsar site, located?

- A Gujarat
- B Maharashtra
- C Tamil Nadu
- D Manipur

Answer: B



42. What is the scientific name for the land on which crops are grown?

- A fertile land
- B productive land
- C ploughable land
- D arable land

Answer: D

43. Triglycerides are a type of _____.

- A Vitamin

- B** Fat
- C** Carbohydrate
- D** Protein

Answer: B

44. Which state topped the Index in Anemia Mukt Bharat Index 2020-21 (Up to October 2020)?

- A** Tamil Nadu
- B** Gujarat
- C** Punjab
- D** Haryana

Answer: D

45. Dara Shikoh was the son of:

- A** Farrukhsiyar
- B** Shah Jahan
- C** Aurangzeb
- D** Jahangir

Answer: B

46. Hauz-i-Sultani was a large reservoir, just outside Delhi, constructed by:

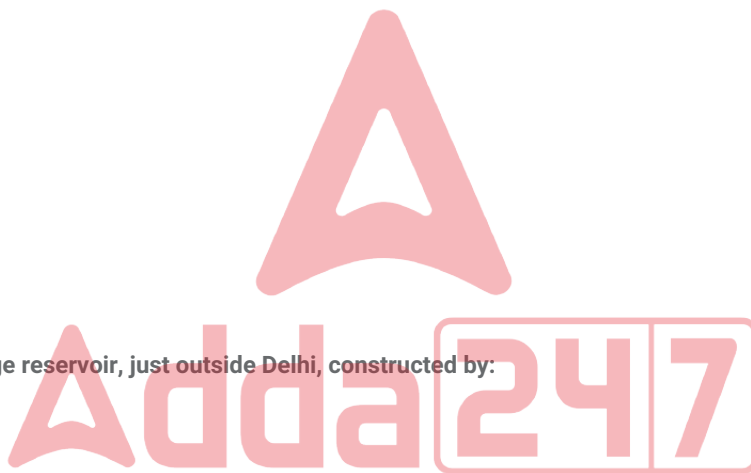
- A** Nasiruddin Mahmud
- B** Sultan Iltutmish
- C** Qutb-ud-din Aibak
- D** Ghiyas-ud-din Balban

Answer: B

47. Article 51A of the Constitution of India is related to:

- A** right to property
- B** fundamental rights
- C** fundamental duties
- D** directive principles of state policy

Answer: C



48. Which country was hit by 'Typhoon Molave' in October 2020?

- A India
- B Vietnam
- C Singapore
- D Maldives

Answer: B

49. Which of the following is an insolvency prediction formula developed by Dr. Robert Altman?

- A Z trance
- B Z-score
- C Balloon balance
- D Loan to value (LTV)

Answer: B

50. which of the following statement is false about Ayushman Bharat - Pradhan Mantri Jan Arogya Yojana (AB-PMJAY)?

- A AB-PM-JAY is a completely cashless and paperless scheme.
- B AB-PMJAY provides medical insurance/easement of up to ₹5,00,000 per annum per family admitted for treatment in secondary and tertiary care providers.
- C AB-PMJAY provides insurance/assurance for families of up to two adults and three children below the age of 18 years.
- D The benefits of AB-PMJAY can be availed anywhere in the country.

Answer: C



Quantitative Ability

51. The HCF of two 4-digit numbers is 103 and their LCM is 19261. What is the sum of the two numbers?

- A 3090
- B 2678
- C 2884
- D 2781

Answer: C

52. When an article is sold at ₹8,40,000. then the profit percentage is 20%. What is the cost price of the article?

- A ₹8,00,000
- B ₹7,50,000
- C ₹7,00,000
- D ₹1,08,000

Answer: C

53. The savings of Rita is equal to 20% of her expenditure. If her income increases by 35% and expenditure increases by 38%, then her savings:

- A decreases by 3%
- B increases by 20%
- C increases by 13%
- D decreases by 17%

Answer: B

54. The curved surface area of a right circular cylinder is 3432 cm^2 and its height is 10.5 cm. The volume (in cm^3) of the cylinder is (Take $\pi = \frac{22}{7}$):

- A 82932
- B 82239
- C 83922
- D 89232

Answer: D



55. The average price of 10 books is ₹150, while the average price of 8 of these books is ₹135. Of the remaining 2 books, if the price of one book is 40% more than the price of the other book, then what is the price of the costlier of these two books?

- A ₹175
- B ₹70
- C ₹210
- D ₹245

Answer: D

56. If the average of the numbers 8, 5, 3, k, (k+1) is 7, then what is the value of k?

- A 7
- B 8
- C 9

D 6

Answer: C

57. By selling 50 pineapples for ₹1,800, a man loses 10%. How many pineapples should he sell for ₹552 to gain 15% in the transaction?

A 15

B 16

C 13

D 12

Answer: D

58. The value of $[8 + 8 - 2 \times (2 + 81) - 45 \div 9 + (27 \div 9 + 5 \times 3 - 19)]$ is:

A -165

B -156

C 156

D 155

Answer: B

59. If $P : Q = 3 : 2$, then find the ratio $(P^2 - Q^2) : (P^2 + Q^2)$.

A 5 : 13

B 13 : 5

C 10 : 9

D 9 : 4

Answer: A

60. Find out the value of the following expression.

$$\frac{5 \div 2 \times 3 - 1 \text{ of } 2}{1 + 3 \div 3 \times 6 - 2}$$

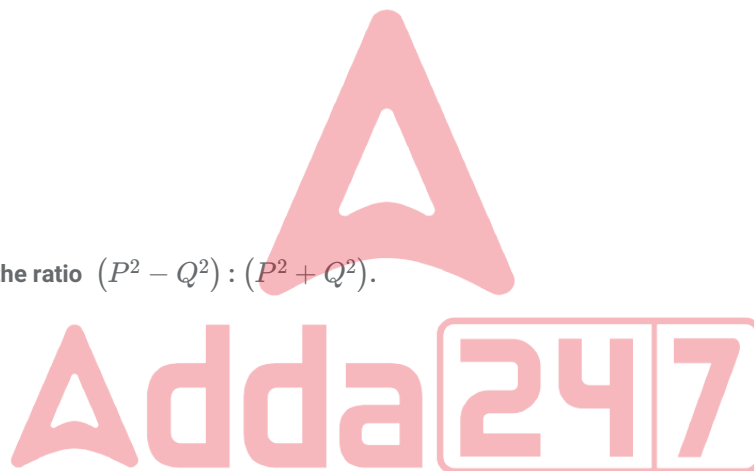
A $-\frac{1}{5}$

B $-\frac{17}{90}$

C $-\frac{1}{53}$

D $-\frac{2}{5}$

Answer: C



61. A person travels one-third of a certain distance at a speed of 45 km/h, and the remaining distance at a speed of 60 km/h. If he travels this distance at a uniform speed taking the same time, then what will be his speed (in km/h)?

- A 50
- B 54
- C 32
- D 45

Answer: B

62. Numerically, what percentage of its circumference is the area of a circle of radius 4?

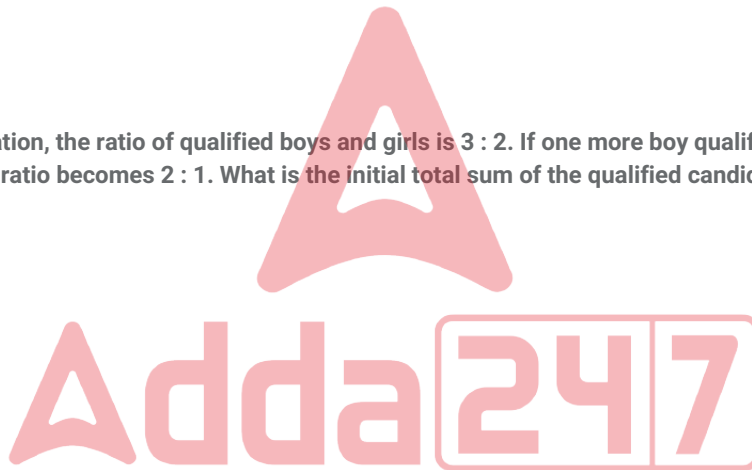
- A 175%
- B 150%
- C 200%
- D 135%

Answer: C

63. In a competitive examination, the ratio of qualified boys and girls is 3 : 2. If one more boy qualifies, and one qualified girl leaves the class, then their new ratio becomes 2 : 1. What is the initial total sum of the qualified candidates?

- A 10
- B 15
- C 12
- D 18

Answer: B



64. Abbay sold 70% of his goods at a profit of 25%, 40% of the remaining goods at a loss of 40%, and the remaining goods at the cost price. What was his profit/loss percentage in the entire transaction?

- A Profit 12%
- B Loss 10%
- C Loss 10.5%
- D Profit 12.7%

Answer: D

65. A train takes a certain time to cover a certain distance at a uniform speed of 70 km/h . If the train runs at a speed of 65 km/h, then it takes 42 minutes more than before. What is the distance (in km) covered by the train?

- A 650
- B 680
- C 637
- D 670

Answer: C

66. On what sum of money can one earn ₹2,400 as simple interest at the rate of 8% per annum in 4 years?

- A ₹9,900
- B ₹7,500
- C ₹5,100
- D ₹768

Answer: B

67. Due to the festive season, a shopkeeper offers 20% discount. Another discount of 5% is offered to customers who make a purchase of more than ₹5,000. Anupam purchased items marked for ₹7,500. How much did he save?

- A ₹2,000
- B ₹2,500
- C ₹1,800
- D ₹1,875

Answer: C

68. There are 3 containers of equal capacity and all are completely filled with a mixture of acid and water. The ratio of acid and water in the three containers is 1 : 4, 3 : 7 and 2 : 3, respectively. If the contents of all the 3 containers are mixed together, what is the ratio of acid to water in the mixture?

- A 3 : 10
- B 9 : 14
- C 3 : 7
- D 9 : 7

Answer: C

69. If by subtracting 35% of a number from the number the result is 26, then what is the number?

- A 250
- B 13
- C 35

D 40

Answer: D

70. 5 women and 2 men can complete a work in 4 days, while 6 women and 3 men can complete the same work in 3 days. How many days will one woman and one man working together take to complete the same work?

A 14

B $13\frac{1}{2}$

C 12

D 11

Answer: C

71. A person invested $\frac{1}{2}$ of his capital at 6%, $\frac{1}{4}$ at 8% and the remaining at 12%. If his annual income is ₹528, then find the capital.

A ₹6,100

B ₹5,900

C ₹6,300

D ₹6,600

Answer: D

72. What is the greatest five - digit number which on being divided by 6, 7, 8 and 9 leaves remainders 4, 5, 6 and 7, respectively?

A 99794

B 99997

C 99792

D 99790

Answer: D

73. The compound interest on a certain sum of money for 2 years at 8% per annum compounded annually is ₹416. What is the simple interest on the same sum at the same rate for the same period?

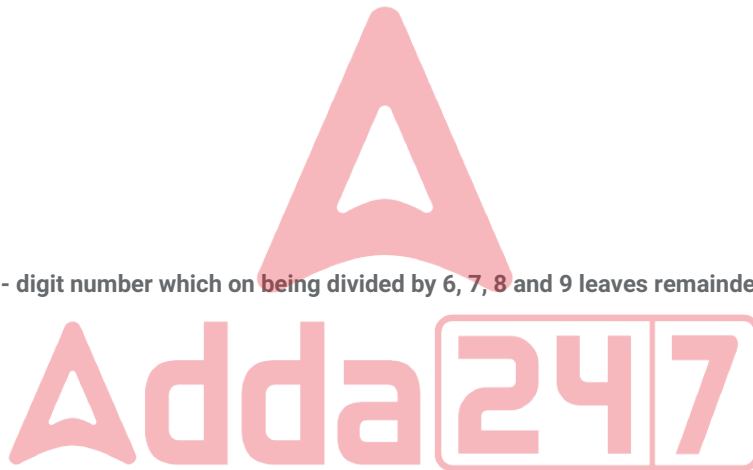
A ₹400

B ₹380

C ₹360

D ₹375

Answer: A



74. A and B together can complete a piece of work in 3 days, while C and D together can complete the same work in 6 days. In how many days can A, B, C and D complete it together?

A 3

B $2\frac{1}{2}$

C $2\frac{1}{4}$

D 2

Answer: D

75. A shopkeeper, in order to clear his old stock of computers, offers 18% discount. If the marked price of a computer is ₹7,500, then find the selling price of a computer.

A ₹6,300

B ₹6,850

C ₹6,150

D ₹6,500

Answer: C

76. Select the INCORRECTLY spelt word.

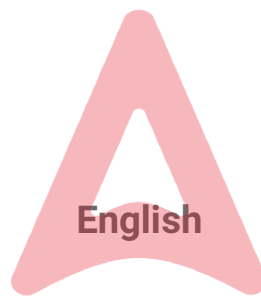
A Expense

B Absence

C Entrance

D Conferense

Answer: D



77. Select the INCORRECTLY spelt word.

A blare

B black

C blade

D bleame

Answer: D

78. Select the option that can be used as a one-word substitute for the given group of words.
A person who arranges and sells cut flowers

- A Florist
- B Flautist
- C Gardener
- D Grocer

Answer: A

79. Select the most appropriate synonym of the given word.
Sanction

- A Cancel
- B Reward
- C Degrade
- D Permit

Answer: D

80. Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.
If that mango falls it has landed on your head.

- A will land
- B was landing
- C is landing
- D No substitution required

Answer: A

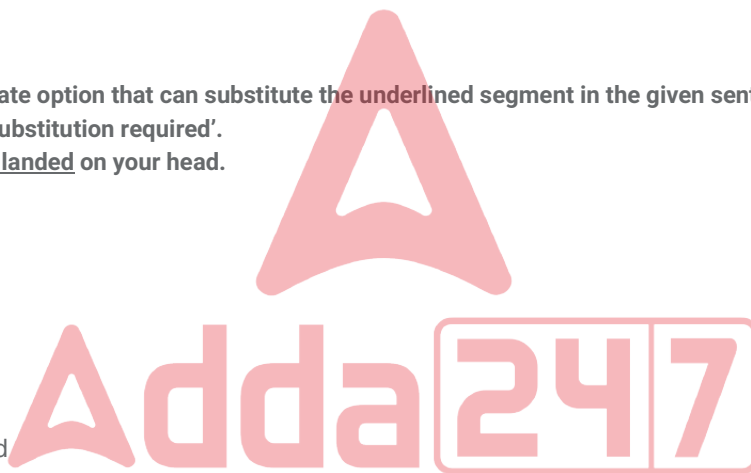
81. Select the most appropriate meaning of the given idiom.
Crack up

- A Laugh out loud
- B Find fault
- C Become wise
- D Grow old

Answer: A

82. Select the most appropriate ANTONYM of the given word.
Callous

- A Caring
- B Cold



C Inensitive

D Hardened

Answer: A

83. Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

Has her family being informed about the event?

A been informed

B being informing

C No improvement required

D be inform

Answer: A

84. Select the option that can be used as a one-word substitute for the given group of words.

A strongbox or small chest for holding valuables

A Coffe

B Caffeine

C Coiffeur

D Coffin

Answer: A

85. The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Last month, / we purchased / electronic equipments from / a European country.

A we purchased

B Last month

C electronic equipments from

D a European country

Answer: C

86. Select the option that is closest in meaning to the underlined idiom/phrase in the given sentence.

The owners of the company keep the lion's share of the profit for themselves.

A the smallest part

B the largest part

C the oldest part

D the best part

Answer: B

87. Select the most appropriate option to fill in the blank.

The priority for the COVID-19 vaccine must be to cover the _____ number in the shortest time.

A lengthiest

B largest

C longest

D latest

Answer: B

88. Select the most appropriate option to fill in the blank.

Films based on books are more _____ than original screenplays.

A popular

B better

C favourite

D different

Answer: A

89. The following sentence has been divided into parts. One of them may contain an error.

Select the part that contains the error from the given options. If you don't find any error, select 'No error' as your answer.

However hardly you / may work, / nobody will praise you.

A may work

B nobody will praise you

C No error

D However hardly you

Answer: D

90. Select the most appropriate option to fill in the blank.

The leaves of plants _____ soon if they do not get enough water.

A erode

B ebb

C melt

D wilt

Answer: D

91. Select the most appropriate synonym of the given word.

Eternal

- A Faithful
- B Everlasting
- C Balanced
- D Limited

Answer: B

92. Select the most appropriate ANTONYM of the given word.

Erase

- A Create
- B Strike
- C Delete
- D Abolish

Answer: A

93. The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The children played / merry in the park / while their parents / kept a watch.

- A The children played
- B kept a watch
- C while their parents
- D merry in the park

Answer: D

94. Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

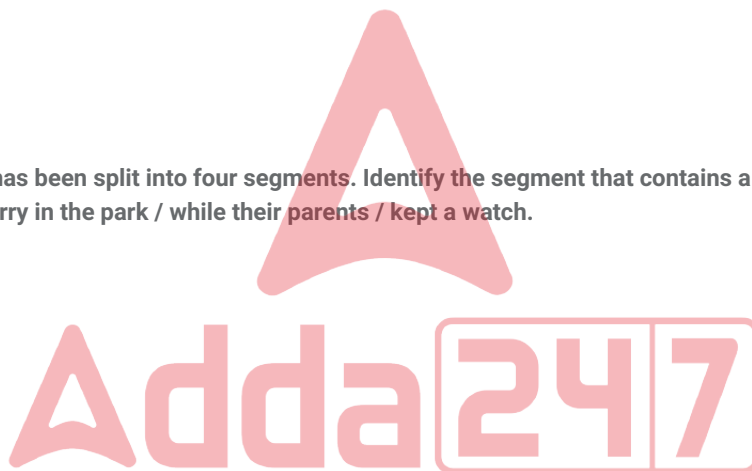
I have completed the work two hours ago.

- A will have completed
- B completed
- C No substitution required
- D has completed

Answer: B

95. Select the option that can be used as a one-word substitute for the given group of words.

Move with urgent haste



- A Rush
- B Chase
- C Race
- D Sprint

Answer: A

Instructions [96 - 100]

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The 'standard of living' of any country means the average person's share of the goods and services which (1)_____ country produces. A country's 'standard of living', therefore, depends first and foremost on its (2)_____ to produce wealth. 'Wealth' in this sense is not money, (3)_____ we do not live on money, but on things that money can (4)_____ 'goods' such as food and clothing, and 'services' such as transport and entertainment. A country's ability to produce wealth depends on many factors, most of which have a/an (5)_____ on others.

96. **Select the most appropriate option to fill in blank number 1.**

- A many
- B all
- C the
- D few

Answer: C

97. **Select the most appropriate option to fill in blank number 2.**

- A range
- B quantity
- C size
- D capacity

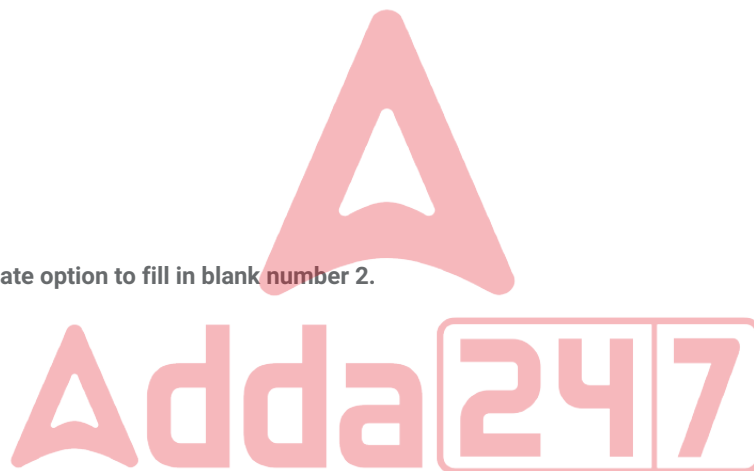
Answer: D

98. **Select the most appropriate option to fill in blank number 3.**

- A though
- B because
- C so
- D yet

Answer: B

99. **Select the most appropriate option to fill in blank number 4.**



A admit

B buy

C yield

D grant

Answer: B

100. Select the most appropriate option to fill in blank number 5.

A conclusion

B response

C evidence

D effect

Answer: D

