SSC GD 3rd Dec 2021 Shift-3

Reasoning

1. **Select the number from among the given options that can replace the question mark (?) in the following series.**
   4, 16, 64, 256, ?

A 252

B 512

C 1024

D 320

Answer: C

2. **'Atlantic' is related to 'Ocean' in the same way as 'Panama' is related to '_____'.**

A Continent

B Canal

C Language

D Transportation

Answer: B

3. **In a certain code language, 'TARGET' is written as 'U b S h f U' and 'FLOW' is written as 'g M P X'. How will 'MACROS' be written in that language?**

A L z D S p T

B N Z D s P t

C n b b S p t

D N b d S P T

Answer: D

4. **Select the correct mirror image of the given combination when the mirror is placed to its right side.**
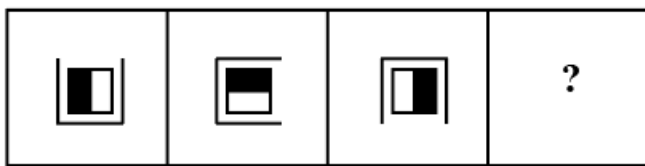
X G f q 5 K

A Я ꙅ p J Ɔ X

B Я ꙅ b ꟊ Ɔ X

C Я ꙅ p ꟊ Ɔ X

D Я S p ꟊ Ɔ X

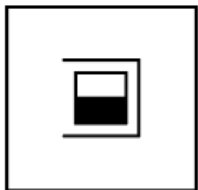**Answer:** C

5. **Select the figure from among the given options that can replace the question mark (?) in the following series.**

A

B

C

D

Answer: B

6. **Pankaj, Alpesh, Srikumar, Dinesh, Neeraj and Maninder are sitting in six different rows with one person in each row, exactly one after another. Pankaj is just before Alpesh. Dinesh is sitting in the last row. There are four persons before Alpesh. Srikumar is just after Neeraj. Maninder is not in the first row. Who is sitting just after Maninder?**

A   Dinesh

B   Pankaj

C   Alpesh

D   Neeraj

Answer: B

7. **Malti is the daughter of Vivek's wife's father-in-law. Arpit is the grandson of Neetu, who is the wife of Dayal. Vivek is the only son of Dayal. Susmita is the sister of Malti. How the wife of Vivek is related to Arpit?**

A   Sister

B   Aunt

C   Mother

D Maternal grand mother

Answer: C

8. **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:
   1. No speaker is a phone.
   2. All wires are phones.

   Conclusions:
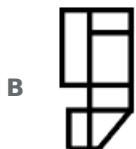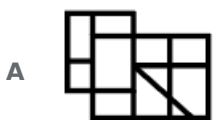   **I. Some phones are wires.**
   II. No wire is a speaker.
   III. No phone is a speaker.

A Only conclusions II and III follow

B All of the conclusions follow

C Only conclusion I follows

D Only conclusions I and II follow

Answer: B

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

A

B

C

D

Answer: A

10. **Select the set of classes the relationship among which is best represented by the following Venn diagram.**

A   Women, Drivers, Architects

B   Cars, Vehicles, Scootern

C   Doctors, Tax-payers, Nurses

D   Printers, Televisions, Washing machines

   Answer: D

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11. **A cube is made by folding the given sheet. In the cube so formed, what would be the number on the opposite side of the number '3'?**

A   6

B   1

C   4

D   2

   Answer: D

12. **Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.**
    1. Hitch
    2. Home
    3. Hire
    4. Hippo

A   4, 3, 1, 2

B   1, 2, 3, 4

C   4, 3, 2, 1

D   1, 3, 2, 4

   Answer: A

13. **Which two numbers should be interchanged to make the given equation correct?**
    $28 \times 3 + 14 - 45 \div 9 = 65$

A 14 and 3

B 14 and 28

C 14 and 9

D 28 and 45

 Answer: B

14. **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.**
 50 : 9 :: ? : 14 :: 82 : 11

A 126

B 172

C 160

D 145

 Answer: D

15. **Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.**
 A D I J : E S :: B D G H : ?

A V M

B Z C

C T Y

D F O

 Answer: D

16. **Select the number from among the given options that can replace the question mark (?) in the following series.**
 13, 29, 62, 129, 264, ?

A 470

B 395

C 535

D 505

 Answer: C

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

A RVB

B GLQ

C TYD

D NSX

   Answer: A

18. Select the option in which the numbers are related in the same way as are the numbers in the given set.
    (13, 224, 15)

A (9, 108, 12)

B (22, 350, 16)

C (19, 274, 15)

D (17, 396, 21)

   Answer: D

19. Seven persons P, Q, R, S, T, U and V are sitting in a straight horizontal line facing the north. U is second to the left of R. Q is second to the left of V. T is third to the left of R. S is third to the right of P. If T is at one of the corners, who is sitting at the other corner?

A S

B Q

C V

D P

   Answer: C

20. 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

D

Answer: C

21. **In a certain code language, ULTRA is coded as 422440362. How will FUMING be coded in that language?**

A   124226182814

B   122126181407

C   144226182816

D   124026162814

Answer: A

22. **Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.**
PHMT, OGNU, NFOV, MEPW, ?

A   LDQX

B   LDRY

C   NVKD

D   NGQX

Answer: A

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23. **In a certain code language, 'PERHAPS' is written as 'SPAHREP'. How will 'CHEWING' be written in that language?**

A   ECHNIGW

B   HGWENIC

C   GNIEHWC

D GNIWEHC

Answer: D

24. **Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.**
BCD_B_DDBC_D_CDD

A BCBB

B DCDB

C CCDB

D CBDB

Answer: B

25. **Piyush buys 4 blankets at the rate of ₹450 per blanket. He sells these 4 blankets to Gopi and earns a profit of 12% on his investment. Gopi further sells all 4 blankets to Pritam and earns 15% profit. What is the price at which Pritam bought one blanket?**

A ₹602.40

B ₹622.50

C ₹579.60

D ₹529.60

Answer: C

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General knowledge

26. **What kind of soils in Tamil Nadu, Andhra Pradesh and Kerala are most suitable for crops like cashew?**

A Arid soil

B Black soil

C Alluvial soil

D Red Laterite soil

Answer: D

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27. **The Food and Agriculture Organisation of the United Nations (FAO) declared Kuttanad's below sea level farming system a 'Globally Important Agricultural Heritage System' (GIAHS) in the year _____.**

A 2013

B 2012

C 2011

D 2014

Answer: A

28. **Which Indian player won the 2020 Junior Speed online Chess Championship?**

A   Mitraba Guha

B   Nihal Sarin

C   Rameshbabu Praggnanandhaa

D   D Gukesh

Answer: B

29. **Tamladu (or Tamla Du) is a festival celebrated by the _____ tribe.**

A   Tutsa

B   Mishmi

C   Wancho

D   Khamti

Answer: B

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30. **Indian economist Amartya Sen was conferred with _____ top Princess of Asturias Award in the social sciences category in May 2021.**

A   Italy's

B   Germany's

C   Spain's

D   Sweden's

Answer: C

31. **Pavo Cristatus is commonly known as the _____.**

A   pigeon

B   dog

C   peacock

D   chimpanzee

Answer: C

32. **How many agricultural sector bills were passed in 2020?**

A   Four

B   Two

C Five

D Three

   Answer: D

33. **Where did Buddha give the last sermon before his Mahanirvana?**

A Vaishali

B Sarnath

C Lumbini

D Kushinagar

   Answer: A

34. **Which of the following is a biodegradable form of solid waste?**

A Compost

B Tyre

C Plastic

D Glass

   Answer: A

35. **The National Salt Satyagraha Memorial is located in _____.**

A Gujarat

B Puducherry

C Maharashtra

D Delhi

   Answer: A

36. **Which bank struggled to address the issue of capitalisation and subsequently Reserve Bank of India took over its management in 2020?**

A Axis Bank

B YES Bank

C IDBI Bank

D Bandhan Bank

   Answer: B

37. **Under which of the following Articles of the Constitution of India has the Supreme Court been vested with the power to punish for contempt of Court including the power to punish for contempt of itself?**

A   Articles 130 and 172

B   Articles 65 and 122

C   Articles 63 and 72

D   Articles 129 and 142

Answer: D

38. **Initiated by Indian Diary Association (IDA) in 2014, when is National Milk Day celebrated?**

A   14 July

B   31 September

C   29 October

D   26 November

Answer: D

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39. **In which year was the Indian Wildlife (Protection) Act implemented?**

A   1973

B   1970

C   1972

D   1974

Answer: C

40. **Who among the following was the founder of Nalanda and Vikramshila universities?**

A   Mihirbhoja

B   Lakshamanasena

C   Dharmapala

D   Gopala

Answer: C

41. **In which of the following years was the Indian Museum in Calcutta (Kolkata) founded?**

A   1886

B   1845

C   1798

D 1814

Answer: D

42. **Who among the following topped the 'EdelGive Hurun India Philanthropy List 2020'?**

A NR Narayana Murthy

B Shiv Nadar

C Mukesh Ambani

D Azim Premji

Answer: D

43. **'The Emperor's New Clothes' is a children's story by _____.**

A Enid Blyton

B Hans Christian Andersen

C Roald Dahl

D Oscar Wilde

Answer: B

44. **The term 'ecology' is derived from the _____ word 'Oekologie'.**

A Greek

B French

C Spanish

D Latin

Answer: A

45. **India won the Asian Games football gold medal for the first time in:**

A 1958

B 1962

C 1951

D 1954

Answer: C

46. **Who among the following devised the Ryotwari system during British rule in India?**

A   Lord Minto

B   Captain Alexander Read

C   Lord Dalhousie

D   Warren Hastings

Answer: B

47. **In October 2020, India decided to transfer one of its Kilo-Class submarines, INS Sindhuvir to the:**

A   Maldives Navy

B   Mongolia Navy

C   Mauritius Navy

D   Myanmar Navy

Answer: D

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48. **Bicameralism was borrowed into the Constitution of India from which country?**

A   The UK

B   Australia

C   Ireland

D   The US

Answer: A

49. **_____ was the first goalkeeper to become the captain of an international hockey team.**

A   Birendra Lakra

B   Richard J Allen

C   PR Sreejesh

D   Shankar Lakshman

Answer: D

50. **In August 2021, the Reserve Bank of India announced an increase in limit for fund transfer to Nepal under the 'Indo-Nepal Remittance Facility Scheme' to _____ per transaction w.e.f. 1 October 2021.**

A   ₹50 thousand

B   ₹2 lakhs

C   ₹75 thousand

D   ₹1 lakh

Answer: B

Quantitative Ability

51. **P can do a piece of work in 30 days and Q can do the same work in 40 days. They worked together for 5 days and then Q left. How much time (in days and hours) will P, working alone, take to complete the remaining work?**

A   21 days 6 hours

B   21 days 18 bours

C   21 days 12 bours

D   20 days 6 hours

   Answer: A

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52. **A student's marks were incorrectly entered as 92 instead of 78. Due to this, the average marks of the class got increased by half. What is the number of students in the class?**

A   32

B   24

C   30

D   28

   Answer: D

53. **A train running at a speed of 126 km/h crosses a pole in 6 seconds. The length of the train is:**

A   210 m

B   240 m

C   220 m

D   180 m

   Answer: A

54. **A handbag, a sh.in and a jacket were bought at ₹2,300 each. They are sold at 12% profit, 15% loss and 6% gain, respectively. The total profit percentage or loss percentage is:**

A   Profit 1%

B   Loss 6%

C   Loss 2%

D   Profit 5%

   Answer: A

55. **A profit of 19% is made on goods when a discount of 15% is given. What profit percent will be made when a discount of 25% is given?**

A   4%

B   6%

C   4.5%

D   5%

   Answer: D

56. **In a pool of length 50 m and width 45 m, 90 persons take a dip. If the average displacement of water by the persons is 1 m^3, then how much will the water level rise?**

A   12 cm

B   40 cm

C   4 cm

D   10 cm

   Answer: C

57. **By selling a book for ₹625, a publisher makes a profit of 25%. For how much (in ₹) should he sell the book to gain 35%?**

A   700

B   675

C   725

D   650

   Answer: B

58. **The average attendance at a football club fell by 11% in 2015 in comparison to the previous year. If 3190 fewer people went to see the matches. how many went in 2014?**

A   35090

B   28000

C   31900

D   29000

   Answer: D

59. **A certain sum amounts to ₹6,624 at 9.5% p.a. in 4 years, at simple interest. What will be the simple interest (in ₹) on the same sum at ihe same rate in $6\frac{1}{2}$ years?**

A 2,912

B 2,964

C 2,886

D 3,016

   Answer: B

60. **The value of** $\dfrac{67+\frac{2}{5}\,of\,75}{5+\frac{2}{3}\times(58-37)}$ **is:**

A $5\frac{2}{19}$

B $5\frac{1}{19}$

C $-5\frac{2}{19}$

D $-5\frac{1}{19}$

   Answer: A

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61. **If the difference between the compound interest and simple interest on ₹16,000 for 2 years at a certain rate of interest per annum is ₹102.40, then fmd the rate of interest per annum.**

A 8%

B 11%

C 6.5%

D 10%

   Answer: A

62. **What is an approximate single discount equivalent to three successive discounts of 8%, 15% and 20%?**

A 40%

B 37%

C 38%

D 43%

   Answer: B

63. **The average of 15 numbers is 55.4. The average of the first 6 numbers is 50 and the average of the next 4 numbers is 60.5. What is the average of the remaining numbers?**

A 55.6

B 58.5

C 57.8

D 59.4

Answer: C

64. **The value of** $36\frac{2}{3} \div \left[27 + \frac{3}{8}of24 + \left(45 \div 9 - 4\frac{3}{5}\right)\right]$ **is:**

A 1

B 10

C 2

D 5

Answer: A

65. **Two varieties of wheat have been mixed. In 60 kg of wheat, 40% wheat is of A quality and 60% wheat is of B quality. How much wheat of A quality should be fonher added to the mixed wheat so that there is only 40% of B quality wheat?**

A 9 kg

B 12 kg

C 20 kg

D 30 kg

Answer: D

66. **If** $x^2 : y^2$ **= 9 : 25 and 2 :** x **= 5 : 15, then what is the value of y?**

A 12

B 17

C 15

D 10

Answer: D

67. **The compound interest on a sum for** $1\frac{3}{4}$ **years at 12% per annum is ₹2496, interest being compounded 8-monthly. What is the amount (in ₹) (to the nearest ₹) of the same sum for four years at the same rate, when the interest is compounded yearly?**

A 26033

B 20336

C 23603

D 30632

Answer: C

68. **A and B together can do a piece of work in 16 days. If A is 50% less efficient than B, then in how many days can A, working alone, complete the entire work?**

A 30

B 36

C 48

D 24

   Answer: C

69. **A boat can travel at a speed of 17 km/h in still water. If the speed of the stream is 2 km/h, how much time (in hours) will be taken by the boat to go 95 km downsu·eam?**

A 6.3

B 6

C 5.6

D 5

   Answer: D

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70. **P sold an article to Q for ₹18000 by losing 20%. Q sells it to R at a price which would have given P a profit of 8%. The profit percentage earned by Q is:**

A 35%

B 25%

C 40%

D 12%

   Answer: A

71. **If(2x + 3y): (4x - 7y) = 3 : 5, then what is x : y?**

A 1 : 18

B 18 : 1

C 4 : 11

D 11 : 4

   Answer: B

72. **A wire, which is in the form of a circle with radius 14 cm, is bent to form a square. What is the length (in cm) of the side of the square?**
   (Use $\pi = \frac{22}{7}$

A 20.8

B 24

C 21.5

D 22

Answer: D

73. **Which is the greatest 3-digit number divisible by 4, 5 and 6?**

A 980

B 960

C 990

D 978

Answer: B

74. **The ratio of the incomes of A and B is x : y . When the income of A is increased by 20% and the income of B is decreased by 40%. then the ratio of the incomes of A and B becomes 5 : 6. What is the value of $\frac{3x+2y}{5x-y}$?**

A $\frac{7}{9}$

B 1

C $\frac{5}{2}$

D 3

Answer: D

75. **What is the HCF of the foUowing fractions?**
$\frac{4}{5} , \frac{24}{25} , \frac{16}{35}$

A $\frac{4}{5}$

B $\frac{48}{175}$

C $\frac{4}{175}$

D $\frac{48}{5}$

Answer: C

English

76. **Select the most appropriate option to fill in the blank.**
Everyone _____ laughter when he appeared in the room.

A burst in

B burst into

C burst out

D burst up

Answer: B

77. **Select the most appropriate ANTONYM of the given word.**
    Abstract

A Auspicious

B Concrete

C Belligerent

D Hilarious

Answer: B

78. **Select the most appropriate option to fill in the blank.**
    I expect him to _____ by his decision to help me.

A bear

B admit

C act

D abide

Answer: D

79. **Select the most appropriate synonym of the given word.**
    Chaos

A Turmoil

B Quiet

C System

D Calm

Answer: A

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80. **Select the most appropriate option to fill in the blank.**
    If the prepaid card for mobile phones does not _____ to you, you may opt for the postpaid card.

A allure

B appeal

C interest

D attract

Answer: B

81. **Select the most appropriate synonym of the given word.**
Layout

A Timetable

B Schedule

C Order

D Arrangement

Answer: D

82. **Select the option that can be used as a one-word substitute for the given group of words.**
Something that cannot be handled easily

A Untidy

B Unwieldy

C Untimely

D Unfit

Answer: B

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83. **Select the most appropriate meaning of the given idiom.**
Ins and outs

A Hidden facts

B Brief points

C Complete facts

D Some details

Answer: C

84. **The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**
Abhiram returned back to the signal / and gave his last hundred rupee note / to the man / who had said he needed help.

A to the man

B Abhiram returned back to the signal

C who had said he needed help

D and gave his last hundred rupee note

Answer: B

85. **Select the option that can be used as a one-word substitute for the given group of words.**
Study of living organisms

A   Geology

B   Pathology

C   Biology

D   Physiology

   Answer: C

86. **Select the most appropriate meaning of the given idiom.**
     See the light of day

A   Become publicly known

B   Have a long life

C   Feel very hot

D   Work during daytime

   Answer: A

87. **The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**
     Teachers are / expect to mentor / their students appropriately / during the Covid-19 pandemic.

A   expect to mentor

B   during the Covid-19 pandemic

C   Teachers are

D   their students appropriately

   Answer: A

88. **Select the option that can be used as a one-word substitute for the given group of words.**
     The science of surveying and charting bodies of water

A   Topography

B   Holography

C   Hydrography

D   Demography

   Answer: C

89. **Select the INCORRECTLY spelt word.**

A   Specific

B   Reverse

C Bitray

D Resist

   Answer: C

90. **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.
   I wants / to take that / dog home.

A I wants

B dog home

C No error

D to take that

   Answer: A

91. **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'.**
   <u>We are eaten</u> our dinner before they arrived.

A We is eaten

B No substitution required

C We are eating

D We had eaten

   Answer: D

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92. **Select the most appropriate option that can substitute the underlined word in the given sentence.**
   The door was ajar and Jenny <u>observed</u> in.

A peeped

B dazed

C derived

D stared

   Answer: A

93. **Select the INCORRECTLY spelt word.**

A Government

B Tactfully

C Laboratory

D Advertisment

   Answer: D

94. **Select the most appropriate ANTONYM of the given word.**
   Paltry

A Key

B Substantial

C Crucial

D Basic

   Answer: B

SSC Stenographer Previous Papers (Latest Pattern)

95. **Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.**
   Mira's train was late and it reached Varanasi <u>on middle night.</u>

A on midnight

B at midnight

C in middle night

D No improvement required

   Answer: B

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.

Triveni was a very popular Kannada writer. Her (1)_____was easy to read and very convincing. Her stories (2)_____ dealt with problems in the lives of (3) _____ people and were always very interesting. (4) _____ for Kannada literature, she died very young. (5) _____, readers continue to appreciate her novels even today.

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

A style

B design

C mode

D method

   Answer: A

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

A usually

B rough

C once

D almost

   Answer: A

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

A   routine

B   natural

C   habitual

D   ordinary

Answer: D

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

A   Dismally

B   Miserably

C   Horr bly

D   Unfortunately

Answer: D

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

A   However

B   Hence

C   Therefore

D   Besides

Answer: A

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