SSC MTS Previous Year Paper (Held on: 14 July 2022 Shift 2)

SSC Multi-Tasking Staff (MTS) • 2022 • 100 questions • 90 minutes • Answer key

Take this paper as a timed mock test

Practise under exam conditions, then review your answers after you submit.

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Scan the QR code or click the link to open it.

GENERAL INTELLIGENCE & REASONING

Q1. Which two numbers (not digits) and two signs need to be interchanged to make the given equation correct?

14 + 7 ÷ 729 × 81 - 9 = 500

(a) 81 and 9, ÷ and ×

(b) 14 and 9, - and ×

(c) 7 and 729, + and -

(d) 81 and 7, + and ×

Q2. Six people, Ankita, Babita, Sheela, Damini, Pinky and Kamini are sitting in two parallel rows, three of them are facing north and the other three are facing south. Ankita is facing south. Kamini sits immediate right of Sheela. Sheela is facing Damini. Ankita does not sit at any of the extreme ends. Pinky is facing the same direction as Kamini.

Who is sitting to the left of Ankita?

(a) Pinky

(b) Sheela

(c) Babita

(d) Kamini

Q3. Which two numbers should be interchanged to make the given equation correct?

35 + 3 ÷ 3 - 5 + 1 = 40

(a) 40 and 35

(b) 1 and 5

(c) 1 and 35

(d) 35 and 5

Q4. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true even if it seems to be at variance from commonly known facts, decide which of the given conclusions(s) logically follow(s) from the statements.

Statement I: Most of the engineering students are adults.

Statement II: Harsh is an adult.

Conclusion I: Harsh is an engineering student.

Conclusion II: Some engineering students are not adults.

(a) Both conclusion I and conclusion II follow.

(b) Only conclusion I follows.

(c) Only conclusion II follows.

(d) Neither conclusion I nor conclusion II follows.

Q5. Select the number from among the given options that can replace the question mark (?) in the following series.

96, 144, ?, 240, 288

(a) 210

(b) 192

(c) 188

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(d) 224

Q6. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

SAM : UES :: RAT : TEZ :: LOI : ?

(a) NSO
(b) NTO
(c) NUO
(d) NSP

Q7. 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:

Some remotes are batteries.

All batteries are chargers.

No charger is a cable.

Conclusions:

I) Some remotes are cables.

II) Some batteries are cable.

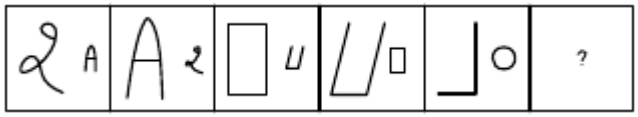
(a) Neither conclusion I nor II follows
(b) Only conclusion I follows
(c) Both conclusions I and II follow
(d) Only conclusion II follows

Q8. Seven persons H, I, J, K, L, M, and N are arranged in ascending order according to their heights. The person with the shortest height stands at the first position, and the person with the tallest height stands at the end of the line.

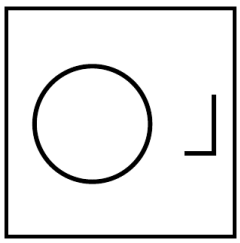
H is standing immediately behind L, who is standing immediately behind K. Only two persons stand between M and N. I stands second from the front. M is not the shortest person. Who is standing first in the row?

(a) K
(b) N
(c) J
(d) L

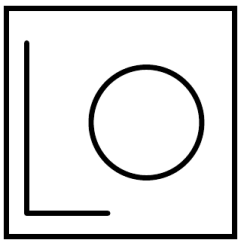
Q9. Select the figure from among the given options that can replace the question mark (?) in the following series.



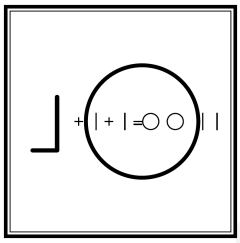
(a)



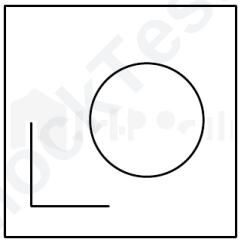
(b)



(c)



(d)



Q10. In a certain code language, ‘PAIDY’ is written as ‘NYGBW’, and ‘FORST’ is written as ‘DMPQR’. How will ‘HARKG’ be written in that language?

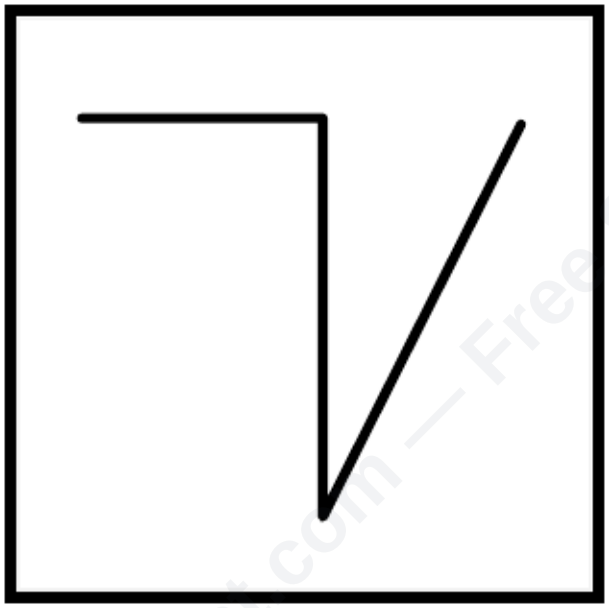
(a) FYPJE
(b) FYPIE
(c) FYQTE
(d) FXQIE

Q11. In a certain code language, ‘AGC’ is coded as ‘42’, and ‘BAD’ is coded as ‘16’. How will ‘KIC’ be coded in that language?

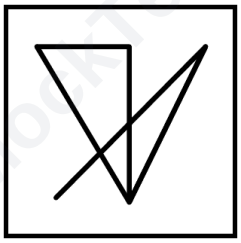
(a) 297
(b) 562
(c) 594
(d) 542

Q12. Select the option in which the given figure is embedded (rotation is NOT allowed).

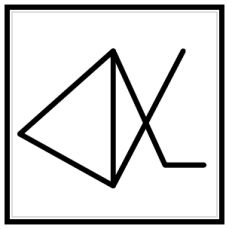
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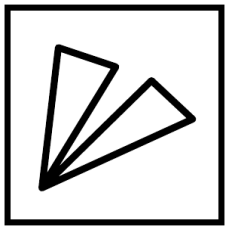
(a)



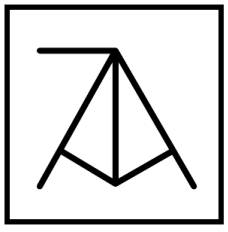
(b)



(c)

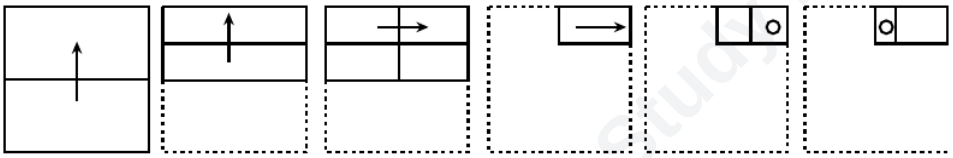


(d)

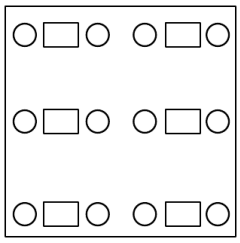


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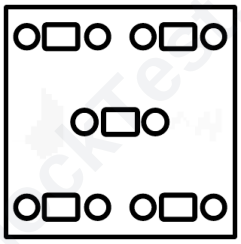
Q13. The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



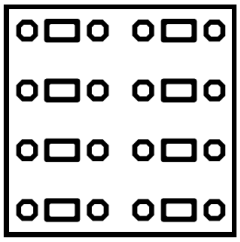
(a)



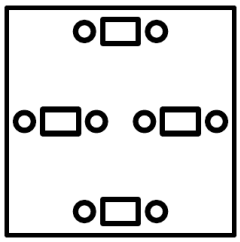
(b)



(c)



(d)



Q14. Select the letter-cluster that can replace the question mark (?) in the following series.

RAB, SZD, TYF, UXH, ?

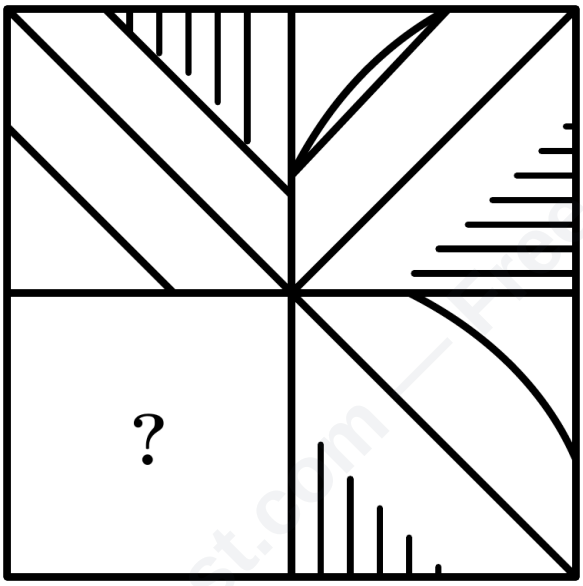
(a) VWJ
(b) VWK
(c) WVJ
(d) VVJ

Q15. Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.

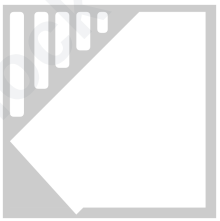
COMPUTER : EOOPWTGR :: SHOWER : UHQWGR :: NEEDLE : ?

(a) NGEFLG
(b) NGEFLE
(c) PEDGNE
(d) PEGDNE

Q16. Select the figure from the options that can replace the question mark (?) and complete the pattern.



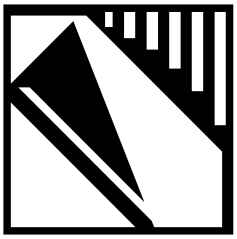
(a)



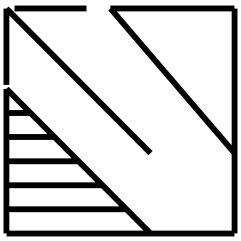
(b)



(c)



(d)



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Q17. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(11, 22, 44) (15, 12, 42)

(a) (3, 3, 15)
(b) (21, 42, 63)
(c) (12, 24, 39)
(d) (18, 8, 44)

Q18. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

(Note: Operation should be done on integer numbers, without dividing the number into its component digits. For example mathematical operations like addition/subtraction/multiplication etc. on 13 - 13 can be done in 13. 13 can be divided into 1 and 3. dividing by and then performing mathematical operations on 1 and 3 is not allowed)

20 : 30 :: 42 : 56 :: 72 : ?

(a) 96
(b) 84
(c) 82
(d) 90

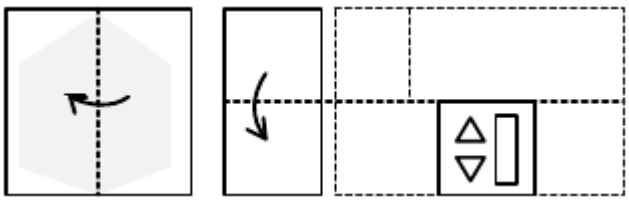
Q19. In a certain code language, ‘J’ is written as ‘10’ and ‘ACT’ is written as ‘24’. How will ‘BEAR’ be written in that language?

(a) 25
(b) 27
(c) 24
(d) 26

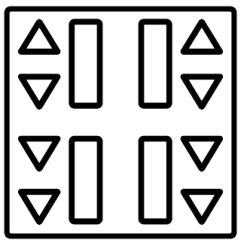
Q20. In a certain code language, if orange is called apple, apple is called grape, grape is called watermelon, watermelon is called chikoo, and chikoo is called onion, then which of the following code is for orange?

(a) grape
(b) apple
(c) orange
(d) watermelon

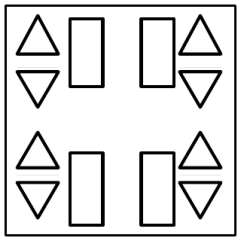
Q21. The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



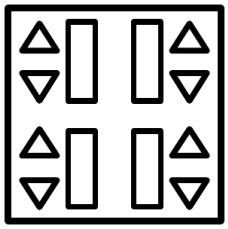
(a)



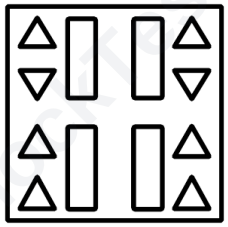
(b)



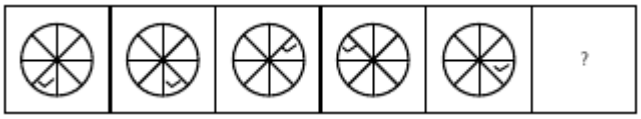
(c)



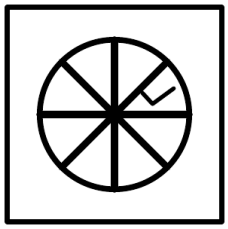
(d)



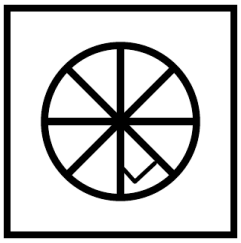
Q22. Select the figure from among the given options that can replace the question mark (?) in the following series.



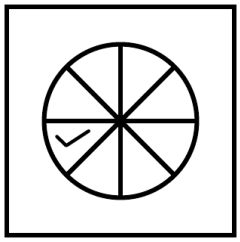
(a)



(b)

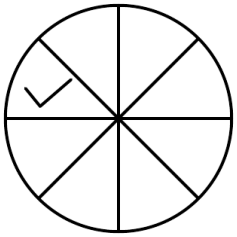


(c)



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(d)



Q23. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding / deleting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

7854 : 5632 :: 8424 : 6202 :: 4444 : ?

(a) 2222
(b) 1424
(c) 1242
(d) 2424

Q24. 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.

PG : DM :: GO : ?

(a) ME
(b) LD
(c) EM
(d) DL

Q25. V, W, X, Y and Z are five men sitting in a line facing the South - while M, N, O, P and Q are five ladies sitting in a second line parallel to the first line and are facing the North. W who is immediate next to the left of Y, is opposite Q. X and N are diagonally opposite to each other. Z is opposite to O who is immediate next to the right of M. P who is to the immediate left of Q, is opposite to Y. M is at one end of the line. Who is sitting opposite to N?

(a) W
(b) Y
(c) X
(d) V

NUMERICAL APTITUDE

Q26. The incomes of Ramesh and Suresh are in the ratio of 5 : 7, and their expenditures are in the ratio of 1 : 2. If each of them saves Rs. 15,000, then what is Suresh's income?

(a) Rs. 25,000
(b) Rs. 35,000
(c) Rs. 45,000
(d) Rs. 15,000

Q27. An 800-meter long train crosses a stationary pole in 15 seconds. What is the speed of the train?

(a) 192 km/h
(b) 156 km/h
(c) 174 km/h
(d) 210 km/h

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Q28. A shopkeeper earns a profit of 16% if he allows a discount of 20% on the marked price of an article. What will be the profit percent earned by the shopkeeper if he sold the article at its marked price?

(a) 45%
(b) 35%
(c) 36%
(d) 55%

Q29. The average of eight consecutive odd numbers is 16. If the odd number immediately preceding the smallest of the given eight odd numbers is also included, then what will be the new average?

(a) 15
(b) 14
(c) 9
(d) 13

Q30. If P : Q = 2 : 7, then what is the value of (Q - P) : (Q + P)?

(a) 2 : 3
(b) 5 : 9
(c) 6 : 7
(d) 5 : 6

Q31. The following table shows the number of males and the number of females in three different housing societies in a city.

Society Name	Male	Female
Society X	180	112
Society Y	210	240
Society Z	110	208

What is the difference between the total number of females and the total number of males in all the three societies taken together?

(a) 50
(b) 58
(c) 60
(d) 48

Q32. The volume of a cuboid is 3600 cm^3. If the length and the breadth of the cuboid are 20 cm and 12 cm, respectively, then what is the height of this cuboid?

(a) 18 cm
(b) 14 cm
(c) 16 cm
(d) 15 cm

Q33. Salary of Prakash was Rs. 75,000. If he gets an increment of 8%, then what will be his new salary?

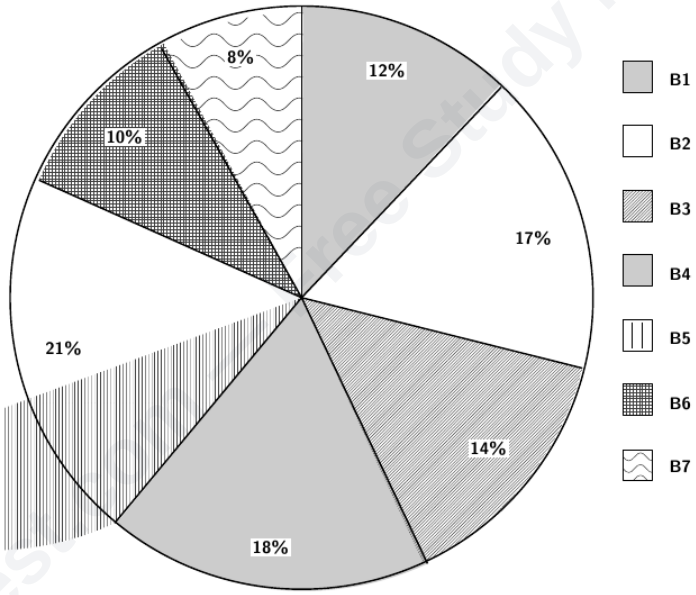
(a) Rs. 81,000
(b) Rs. 80,000
(c) Rs. 1,08,000
(d) Rs. 77,000

Q34. What is the greatest number which divides each of 150, 270 and 180 exactly?

(a) 50
(b) 30
(c) 10
(d) 3

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Q35. The following pie chart shows the amount of loan given by each of seven different banks as a percentage of the total loan given by these 7 banks taken together.



What will be the angle made by sector B2?

(a) 64.2°
(b) 58.2°
(c) 61.2°
(d) 67.2°

Q36. 8 men can make 12 chairs in 12 days if they work for 6 hours a day. If 9 chairs are to be make by 12 men in 6 days, then how many hours a day does each one of them need to work?

(a) 7.5 hours
(b) 6 hours
(c) 5.5 hours
(d) 7 hours

Q37. What will be the compound interest on a sum of Rs. 4,50,000 at the rate of 10% per annum in 2 years, if interest is compounded annually?

(a) Rs. 50,500
(b) Rs. 94,500
(c) Rs. 54,450
(d) Rs. 85,450

Q38. The total surface area of a closed hemisphere is 16632 cm^2. What is the sum of the radius and the diameter of this hemisphere? [Use $\pi = 22/7$]

(a) 172 cm
(b) 168 cm
(c) 126 cm
(d) 154 cm

Q39. In university exams where the total maximum marks were 500, Mohit gets 20% more than Surendra, Surendra gets 20% more than Lalit, and Lalit gets 15% less than Darshan. If Mohit gets 366 marks, what percentage of the full marks does Darshan get? [Give your answer correct to 2 decimal places.]

(a) 82.50%
(b) 59.80%
(c) 58.02%
(d) 80.50%

Q40. A 36 cm long, 22 cm broad, and 49 cm high cuboid is melted and moulded into a solid sphere. What will be the radius of this sphere? [Use π = 22/7]

(a) 21 cm
(b) 7 cm
(c) 49 cm
(d) 22 cm

Q41. Rahul and Shyam, working together, can do a piece of work in 5 hours; Rahul alone can do the same work in 15 hours. How much time will Shyam alone take to do that work?

(a) 12 hours
(b) 8.5 hours
(c) 7.5 hours
(d) 15 hours

Q42. Abhishek climbs up a hill at a speed of 3 mi/h and comes down at a speed of 5 mi/h. If the total time taken for the two-way journey is 10 hours, then what is the distance between the hilltop and the foothill?

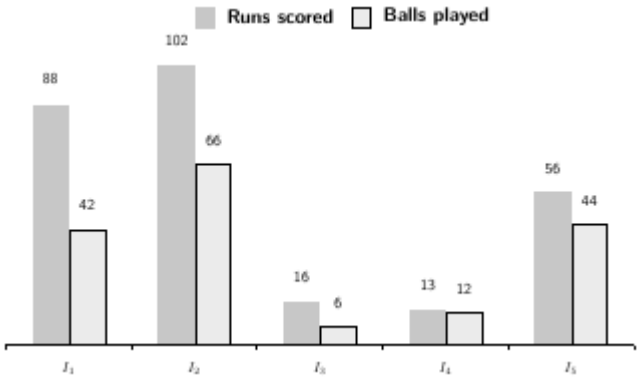
(a) 20.75 mi
(b) 18.75 mi
(c) 11.25 mi
(d) 37.5 mi

Q43. What is the value of (17 + 8 ÷ 4 × 3)/(18 + 4 ÷ 2 × 5) ?

(a) 25/26
(b) 23/28
(c) 33/26
(d) 35/41

Q44. The following bar chart shows the runs scored and the balls played by a batsman in 5 different innings.

Strike rate = (Runs scored)/(Balls played) × 100



What is the difference between the strike rates of I2 and I5? [Give your answer correct to 2 decimal places.]

(a) 21.21
(b) 24.24
(c) 33.33
(d) 27.27

Q45. 1/2 of 4 kg of an alloy is lead and the rest of it is tin. 1/6 of 5 kg of another alloy is lead and the rest of it is tin. Find the ratio of lead and tin in the mixture of the given quantities of these two alloys.

(a) 4 : 9
(b) 2 : 3
(c) 17 : 37
(d) 13 : 17

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Q46. Simple interest on a certain sum is 54/75 of the sum. What is the rate of interest per annum if the value of the rate of interest per annum is half the time period (in years) of investment?

(a) 6.5%
(b) 6%
(c) 7.5%
(d) 7%

Q47. The average of 10 numbers is 37. If each number is decreased by 2, what will be the new average?

(a) 37
(b) 35
(c) 39
(d) 32

Q48. The cost price of a watch is Rs. 2,800. A shopkeeper sells it at a gain of 3.75%. What is the selling price of the watch?

(a) Rs. 2,885
(b) Rs. 2,905
(c) Rs. 2,925
(d) Rs. 2,875

Q49. 60% of the cost price of a glass is 25% of its selling price. What is the profit percentage?

(a) 120%
(b) 180%
(c) 95%
(d) 140%

Q50. If A = (4 ÷ 8 × 2)/(3 + 14 ÷ 7) and B = (6 ÷ 2 - 4)/(5 ÷ 15 × 6), then what is the value of A - B?

(a) 2/3
(b) 4/5
(c) 7/10
(d) 1/2

GENERAL ENGLISH

Q51. Select the most appropriate option to fill in the blank.

John ran pretty fast, _____ he did not win the race.

(a) so
(b) though
(c) for
(d) and

Q52. Select the most appropriate meaning of the given idiom.

Out of the blue

(a) Found commonly
(b) Act cleverly
(c) Completely unexpectedly
(d) Go away secretly

Q53. Select the most appropriate meaning of the given idiom.

An iron hand

(a) Alone, without assistance
(b) Strict control
(c) Memorising lessons
(d) Straight talk

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Q54. Select the most appropriate option to fill in the blank.

I like to read the newspaper _____ the morning.

(a) by
(b) on
(c) at
(d) in

Q55. Select the most appropriate synonym of the underlined word in the given sentence.

Garnish the drink with cranberries or a slice of fresh peach.

(a) Embellish
(b) Wend
(c) Blemish
(d) Dismantle

Q56. Select the option that rectifies the incorrectly spelt words in the given sentence.

Go, rest in the dark shadowe of the graet forest.

(a) Go, rest in the dark shadow of the great forest.
(b) Go, rest in the dark shadow of the grate forest.
(c) Go, rest in the dark shaddow of the great forest.
(d) Go, rest in the dark shadowe of the great forest.

Q57. Select the option that will improve the underlined part of the sentence. In case no improvement is needed, select 'No improvement required'.

He have not been in the right mental state since 2017.

(a) were not being in
(b) has not been in
(c) have been not at
(d) No improvement required

Q58. Parts of the following sentence have been given as options. 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, mark 'No error' as your answer.

Scientists have made dramatic progress in understanding an universe and the mechanisms of biology.

(a) Scientists have made dramatic progress
(b) and the mechanisms of biology
(c) in understanding an universe
(d) No error

Q59. Select the most appropriate option to fill in the blank.

We are planning to go to Delhi _____ train.

(a) on
(b) by
(c) of
(d) at

Q60. Select the option that can be used as a one-word substitute for the given group of words.

Killing one self

(a) Regicide
(b) Suicide
(c) Homicide
(d) Matricide

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Q61. Select the option that will improve the underlined part of the sentence. In case no improvement is needed, select 'No improvement required'.

Once upon a time there was a very rich man which lived with his three daughters.

(a) who live by
(b) No improvement required
(c) who lived with
(d) who did lived with

Q62. 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, mark 'No error' as your answer.

Despite the pain in his leg, / Nicholas completed / the marathon.

(a) No error
(b) Nicholas completed
(c) the marathon
(d) Despite the pain in his leg,

Q63. Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

Subhash had just returned from work in 9 p.m.

(a) work at
(b) the work on
(c) working in
(d) No improvement required

Q64. Select the most appropriate ANTONYM of the given word.

Insecure

(a) Suspicious
(b) Anxious
(c) Massive
(d) Confident

Q65. Select the most appropriate ANTONYM of the underlined word in the given sentence.

She remained resolute in her belief.

(a) inflexible
(b) sluggish
(c) barbaric
(d) wavering

Q66. Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

The merchant distributes work among the weavers based on the orders received.

(a) for weavers
(b) No improvement required
(c) towards the weavers
(d) at the weavers

Q67. Select the correctly spelt word.

(a) Fracsion
(b) Frcation
(c) Fraction
(d) Fractition

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Q68. Select the most appropriate synonym of the given word.

Uncanny

(a) Deranged
(b) Spooky
(c) Reckless
(d) Insightful

Q69. 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, mark 'No error' as your answer.

This pandemic have / profoundly changed our / way of living.

(a) No error
(b) This pandemic have
(c) profoundly changed our
(d) way of living

Q70. Select the most appropriate ANTONYM of the given word.

Brashness

(a) Intelligence
(b) Nerve
(c) Timidity
(d) Boldness

Directions

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

All plants and animals need water to survive. There can be no life (1) ____ earth without water. Why is water (2) __ important? It is (3) __ 60 percent of our body weight is made up of water. Our bodies use water in all the cells, organs, and tissues, to help (4) __ body temperature and (5) ____ other bodily functions.

Q71. Select the most appropriate option to fill in blank no. 1.

(a) at
(b) on
(c) into
(d) upon

Q72. Select the most appropriate option to fill in blank no. 2.

(a) so
(b) as
(c) few
(d) much

Q73. Select the most appropriate option to fill in blank no. 3.

(a) therefore
(b) That
(c) Because
(d) so that

Q74. Select the most appropriate option to fill in blank no. 4.

(a) quantify
(b) collect
(c) grate
(d) regulate

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Q75. Select the most appropriate option to fill in blank no. 5.

(a) subjugate
(b) obtain
(c) release
(d) maintain

GENERAL AWARENESS

Q76. Who among the following won the Formula One 2022 Saudi Arabian Grand Prix?

(a) Max Verstappen
(b) Charles Leclerc
(c) Sebastian Vettel
(d) Lewis Hamilton

Q77. Which of the following awards has been conferred upon Kailash Kher?

(a) Padma Bhushan
(b) Bharat Ratna
(c) Padma Shri
(d) Padma Vibhushan

Q78. When tax collection exceeds the required expenditure, the budget is said to be in _____.

(a) deficit
(b) surplus
(c) economic spread
(d) balance

Q79. Lactic acid is commonly found in _____.

(a) tomatoes
(b) milk
(c) vinegar
(d) cumin

Q80. Which of the following fundamental rights deals with 'Protection of Interests of Minorities'?

(a) Right to Equality
(b) Educational and Cultural Rights
(c) Right to Freedom
(d) Right Against Exploitation

Q81. Which Act passed by British Government of India abolished the Council of India?

(a) Indian Independence Act of 1947
(b) India Council Act of 1892
(c) Government of India Act of 1935
(d) Charter Act of 1853

Q82. As per Thermodynamics, _____ system cannot exchange both energy and mass with its surroundings.

(a) artificial
(b) isolated
(c) open
(d) closed

Q83. According to the data from the economic think-tank, the Centre for Monitoring Indian Economy (CMIE), which of the following states witnessed the lowest unemployment rate as of January 2022?

(a) Telangana
(b) Andhra Pradesh
(c) Kerala

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(d) Haryana

Q84. At which place in India does the river Yamuna meet the river Ganges?

(a) Prayagraj
(b) Lucknow
(c) Varanasi
(d) Sitapur

Q85. According to the Indian Constitution, what is the tenure of the members of the State Legislative Council in India?

(a) 10 years
(b) 3 years
(c) 4 years
(d) 6 years

Q86. The headcount (number of persons) ratio is used to measure _____.

(a) Agricultural population
(b) Literacy rate
(c) International immigration
(d) Poverty

Q87. Which of the following animals is warm-blooded?

(a) Butterfly
(b) Turtle
(c) Frog
(d) Cat

Q88. Baishagu festival is associated with the state of _____ in India.

(a) Assam
(b) Arunachal Pradesh
(c) Bihar
(d) Manipur

Q89. Raut nacha is performed by mostly tribals of a state of India. Which of the following states is it?

(a) Karnataka
(b) Chhattisgarh
(c) Meghalaya
(d) Bihar

Q90. The Appropriation Bill, 2022 was introduced in the Lok Sabha on 24 March 2022 by the Ministry of _____.

(a) Tribal affairs
(b) Foreign
(c) Finance
(d) Home

Q91. Who among the following Indian choreographers won the World Choreography Award 2020 and was also nominated for the Emmy Awards?

(a) Prabhu Deva
(b) Pandit Birju Maharaj
(c) Saroj Khan
(d) Suresh Mukund

Q92. Who wrote the hymn 'Vande Mataram'?

(a) Bhagat Singh
(b) Bal Gangadhar Tilak
(c) Mahatma Gandhi

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(d) Bankim Chandra Chatterjee

Q93. Who among the following actresses received the TIME 100 Impact Awards 2022?

(a) Deepika Padukone
(b) Kajal Aggarwal
(c) Priyanka Chopra
(d) Vidya Balan

Q94. Inamgaon, an important Archaeological site is situated on _____ river.

(a) Indrayani
(b) Ulhas
(c) Ghod
(d) Kukadi

Q95. What is the height of the goal-post according to FIFA?

(a) 6 foot
(b) 8 foot
(c) 10 foot
(d) 12 foot

Q96. Who wrote the book 'The Legend of Lakshmi Prasad'?

(a) Twinkle Khanna
(b) Karishma Kapoor
(c) Kajol
(d) Raveena Tandon

Q97. _____ is also known as industrial agriculture.

(a) Intensive farming
(b) Plantation agriculture
(c) Subsistence farming
(d) Shifting agriculture

Q98. _____ has often been called the incubator of Western civilisation.

(a) Red Sea
(b) Caspian Sea
(c) Mediterranean Sea
(d) Black sea

Q99. _____ was the capital of Chalukya dynasty.

(a) Badami
(b) Kanchepuram
(c) Pataliputra
(d) Rajgir

Q100. Bharhut Stupa depict the Jataka tales and stories. It is located in which of the following states?

(a) Bihar
(b) Madhya Pradesh
(c) Andhra Pradesh
(d) Uttar Pradesh

ANSWER KEY

1	a	2	a	3	a	4	a	5	a	6	a	7	a	8	a	9	a	10	a
11	a	12	a	13	a	14	a	15	a	16	a	17	a	18	a	19	a	20	a

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21	a	22	a	23	a	24	a	25	a	26	a	27	a	28	a	29	a	30	a
31	a	32	a	33	a	34	a	35	a	36	a	37	a	38	a	39	a	40	a
41	a	42	a	43	a	44	a	45	a	46	a	47	a	48	a	49	a	50	a
51	a	52	a	53	a	54	a	55	a	56	a	57	a	58	a	59	a	60	a
61	a	62	a	63	a	64	a	65	a	66	a	67	a	68	a	69	a	70	a
71	a	72	a	73	a	74	a	75	a	76	a	77	a	78	a	79	a	80	a
81	a	82	a	83	a	84	a	85	a	86	a	87	a	88	a	89	a	90	a
91	a	92	a	93	a	94	a	95	a	96	a	97	a	98	a	99	a	100	a

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