SSC MTS Previous Year Paper (Held on: 22 Oct 2021 Shift 1)

SSC Multi-Tasking Staff (MTS) • 2021 • 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 ENGLISH

Q1. The given sentence contains a grammatical error. Identify the segment that contains the error.

There is no one else in this house; I can feel the presence.

(a) in this house
(b) There is
(c) I can feel the presence
(d) no one else

Q2. Select the most appropriate word which means the same as the group of words given.

Overflow or fill an area with excess water, as in a flood

(a) Inundate
(b) Storm
(c) Cover
(d) Supersede

Q3. The given sentence contains a grammatical error. Identify the segment that contains the error.

I will join you tomorrow if I will have time.

(a) if I
(b) will have time
(c) you tomorrow
(d) I will join

Q4. Select the most appropriate synonym of the given word.

ABUSE

(a) Terminate
(b) Use
(c) Close
(d) Harm

Q5. Select the most appropriate option to substitute the underlined segment in the given sentence.

Suman and his friend often coming here to read books.

(a) often have been coming here
(b) are often coming here
(c) often are coming here
(d) often come here

Q6. Select the most appropriate word to fill in the blank.

There is no problem with your bike; it's in good _____.

(a) health
(b) condition
(c) size

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(d) conduct

Q7. Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

The Sports Committee was asked to give an explanation for dropping the boy into the school team.

(a) from
(b) in
(c) No substitution required
(d) away

Q8. Select the most appropriate meaning of the given idiom.

Make out

(a) Understand someone or something with difficulty
(b) Invent an explanation for something
(c) Become friends again with someone
(d) Run away from a difficult situation

Q9. Choose the correctly spelt word.

(a) Nusence
(b) Newsanse
(c) Newsence
(d) Nuisance

Q10. The given sentence contains a grammatical error. Identify the segment that contains the error.

You look very tired; you would go to bed now.

(a) You look
(b) to bed now
(c) you would go
(d) very tired

Q11. Select the most appropriate synonym of the given word.

ALLOW

(a) Reject
(b) Stop
(c) Permit
(d) Disallow

Q12. Select the most appropriate meaning of the given idiom.

Pick and choose

(a) Start all over again after a crisis
(b) Select only the best from choices
(c) Question someone on a topic
(d) Start a quarrel or a fight over something

Q13. Select the most appropriate word to fill in the blank.

I am sure that there isn't _____ on this campus now.

(a) nobody
(b) no one
(c) somebody
(d) anybody

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Q14. Select the most appropriate word to fill in the blank.

After many years of _____ the world's first test tube baby was born in 1978.

(a) success
(b) experience
(c) service
(d) research

Q15. Select the most appropriate word to fill in the blank.

If you had come to the match yesterday with us, you _____ watching it.

(a) had enjoyed
(b) would enjoy
(c) should have enjoyed
(d) would have enjoyed

Q16. Select the most appropriate ANTONYM of the given word.

ALIKE

(a) Ordinary
(b) Similar
(c) Same
(d) Different

Q17. Choose the correctly spelt word.

(a) Illegible
(b) Illejible
(c) llegibel
(d) Illijble

Q18. Select the most appropriate ANTONYM of the given word.

ABOLISH

(a) Disprove
(b) Contest
(c) Continue
(d) Disclose

Q19. Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

I asked my friend that when would she return from her trip.

(a) when she would
(b) that when she was returning
(c) so when would she
(d) No substitution required

Q20. Select the most appropriate word which means the same as the group of words given.

Move ahead or forward steadily and gradually

(a) Forego
(b) Parade
(c) Forge
(d) Forerun

Directions

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

Today, nearly every Indian has a mobile phone. From the time the first (1)_____ was made in India using a mobile phone on July 31, 1995, a lot of (2)____ have taken place in the use of mobile phones in the last twenty-five years or so. The number of

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mobile phone users is (3)____ to have recorded a growth of three thousand times during this period. Initially, the call rates were expensive and the cost of early devices was high - very few people could (4)____ a mobile phone. However, mobile phone usage has risen sky high because of these reasons: the call rates have fallen (5)_____ and smartphones have made the internet accessible in our palms.

Q21. Select the most appropriate option to fill in blank No. 1.

(a) part
(b) call
(c) step
(d) piece

Q22. Select the most appropriate option to fill in blank No. 2.

(a) promotions
(b) changes
(c) lies
(d) facts

Q23. Select the most appropriate option to fill in blank No. 3.

(a) summed up
(b) reported
(c) doubted
(d) considered

Q24. Select the most appropriate option to fill in blank No. 4.

(a) afford
(b) sell
(c) use
(d) produce

Q25. Select the most appropriate option to fill in blank No. 5.

(a) unevenly
(b) evenly
(c) occasionally
(d) drastically

GENERAL INTELLIGENCE & REASONING

Q26. Select the number that can replace the question mark (?) in the following series.

15, 30, 44, 57, 69, ?

(a) 80
(b) 91
(c) 78
(d) 85

Q27. Select the option that is related to third term in the same way as the second term is related to the first term.

PENCIL : QJOHNM :: ALBUM : ?

(a) EMDZS
(b) ENCYR
(c) FNBZS
(d) FMCZR

Q28. If the mathematical signs are changed as given below, then select the option which represents the correct equation.

× means +
• means x

• means ÷

÷ means -

(a) 18 × 25 + 5 ÷ 7 × 11 = 27
(b) 18 + 25 - 5 ÷ 7 × 11 = 30
(c) 18 + 25 - 5 × 7 ÷ 11 = 14
(d) 18 ÷ 25 + 5 - 7 × 11 = 31

Q29. Select the correct option that indicates the arrangement of following units in a logical and meaningful order.

1. Byte
2. Megabyte
3. Terabyte
4. Gigabyte
5. Kilobyte

(a) 3, 1, 2, 4, 5
(b) 1, 5, 4, 2, 3
(c) 1, 5, 2, 4, 3
(d) 1, 5, 2, 3, 4

Q30. Select the number that can replace the question mark (?) in the following series.

11, 23, ?, 95, 191

(a) 47
(b) 33
(c) 51
(d) 39

Q31. Select the option that is related to the third number in the same way as the second number is related to the first number.

125 : 343 :: 1331 : ?

(a) 729
(b) 1728
(c) 3375
(d) 2197

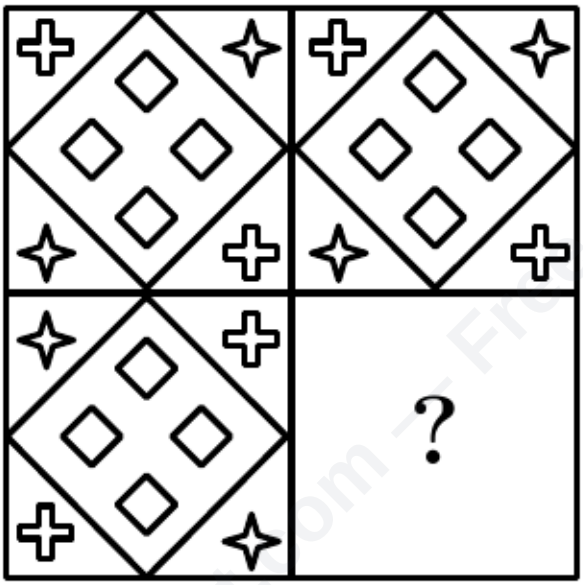
Q32. Six employees (A, B, C, D, E, F) are sitting at a round table with eight chairs. Two of them are not sitting exactly opposite each other. One has nobody sitting adjacent to him. C is sitting third right of D. E is sitting on the third right to F. B is sitting opposite A. D is sitting opposite E. C is sitting between A and E.

What is the position of F with respect to C?

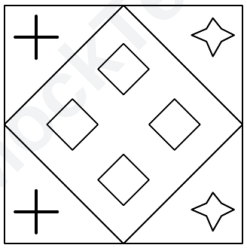
(a) First right
(b) Second left
(c) Second right
(d) First left

Q33. Identify the option figure that when placed in the blank space completes the pattern in the given question figure.

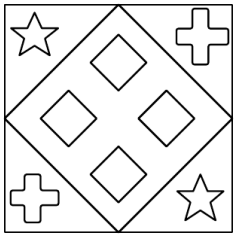
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(a)



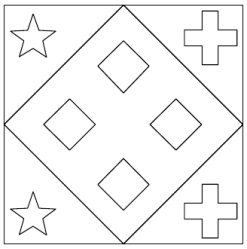
(b)



(c)



(d)



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Q34. In a certain code language, ANKLE is written as BBVXJ. How will THIGH be written in the same code language?

(a) NPRNP
(b) NPRMP
(c) MRPNP
(d) NRPMP

Q35. In a certain code language, the code for ADDRESS is 25 and the code for BOLT is 13. How will CASTE be written in the same code language?

(a) 28
(b) 19
(c) 14
(d) 12

Q36. In a certain code language, MALE is written as RGSM. How will SEAM be written in the same code language?

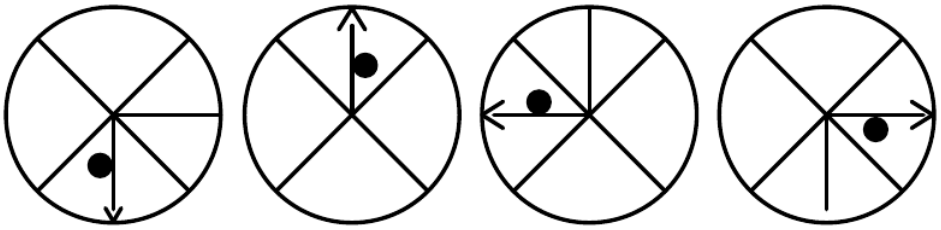
(a) TJGW
(b) WJGT
(c) XKHU
(d) LGMR

Q37. If the mathematical signs are changed as given below, ÷ means × ; × means - ; + means ÷ ; and - means +, then select the option which represents the final value of the given equation.

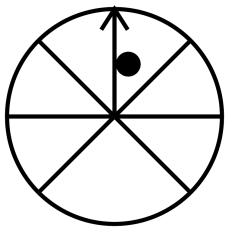
39 + 3 ÷ 4 - 1 × 3

(a) 46
(b) 50
(c) 53
(d) 51

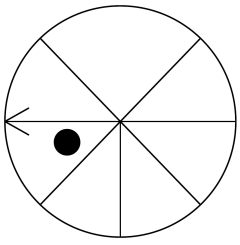
Q38. Select the figure that will come next in the following series.



(a)

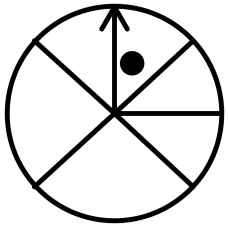


(b)

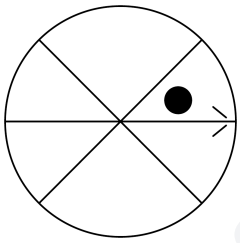


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(c)



(d)



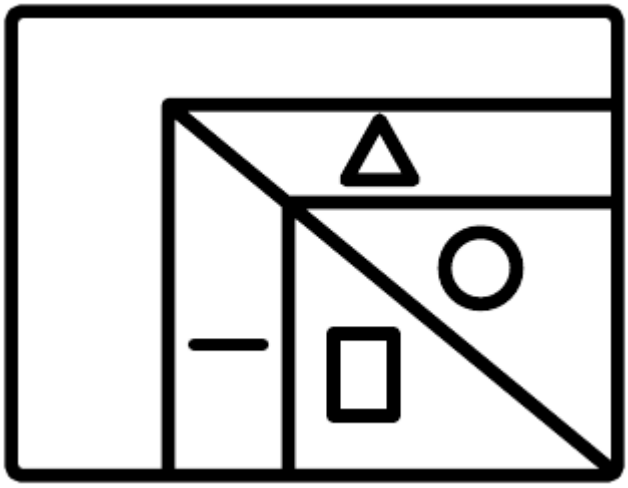
Q39. In a certain code language, JOHN is written as 60 and RANB is written as 72. How will YUVAAN be written in the same code language?

(a) 69
(b) 21
(c) 77
(d) 66

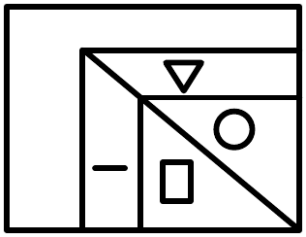
Q40. Lokesh is an expert in the studies of reptiles and amphibians. Lokesh is a/an:

(a) dermatologist
(b) entomologist
(c) ornithologist
(d) herpetologist

Q41. Select the correct mirror image of the given figure when the mirror is placed to the right side of the figure.

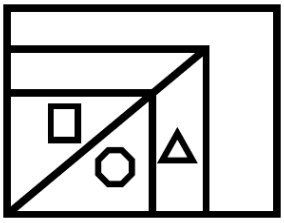


(a)

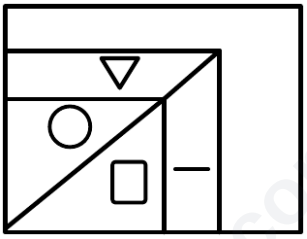


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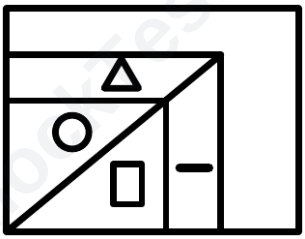
(b)



(c)



(d)



Q42. Six employees (A, B, C, D, E, F) are sitting at a round table with eight chairs. Two of them are not sitting exactly opposite each other. One has no body sitting adjacent to him. E is sitting on the third right to F. B is sitting opposite A. D is sitting opposite E who is second right to A. C is sitting between A and E.

If the boss is sitting adjacent to the vacant chair in each side, then who among them is the boss?

(a) A
(b) D
(c) B
(d) F

Q43. Three statements are given followed by three conclusions numbered I, II and III. Assuming that the information given in the statements is true, even if it appears to be different from commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

1. Some cheeses are butters.
2. All oils are butters.
3. No butters are liquid.

Conclusions:

I. No oils are liquids.

II. Some butters are cheeses.

III. All butters are oils.

(a) Both conclusions I and II follow
(b) Both conclusions II and III follow
(c) None of the conclusions follow
(d) All conclusions I, II and III follow

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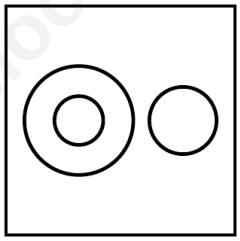
Q44. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

5	7	12
3	6	9
12	?	99

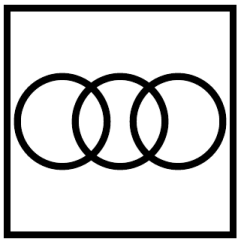
(a) 09
(b) 32
(c) 36
(d) 78

Q45. Select the option which is related to the third term in the same way as the second term is related to the first term.
Bottle : Cap : : Jar : ?
(a) Shield
(b) Mask
(c) Plastic
(d) Lid

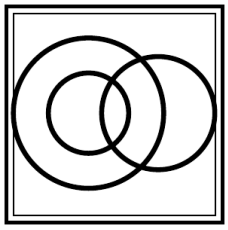
Q46. Select the Venn diagram that best illustrates the relationship between the following classes.
Charcoal, Black Colour, Classroom Board
(a)



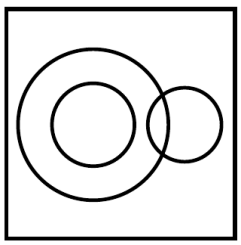
(b)



(c)



(d)



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Q47. Two statements are given followed by two conclusions numbered I and II. Assuming that the information given in the statements is true, even if it appears to be different from commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

1. Some oranges are yellows.

2. Some yellows are grapes.

Conclusions:

I. Some oranges are grapes.

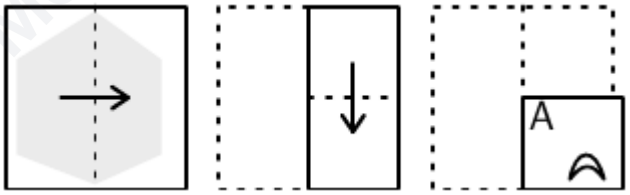
II. All grapes are yellows.

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

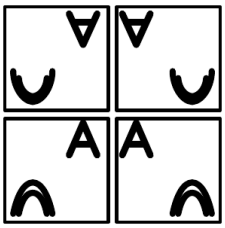
Q48. Four letter clusters have been given out of which three are alike in some manner while one is different. Select the odd one.

(a) LPR
(b) DHJ
(c) INP
(d) CGI

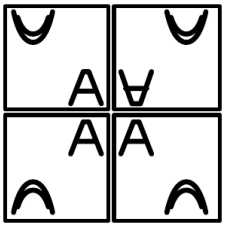
Q49. A paper is folded and cut as shown below. How will it appear when unfolded?



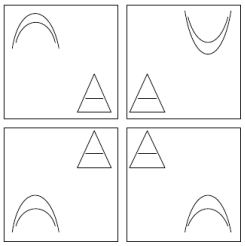
(a)



(b)

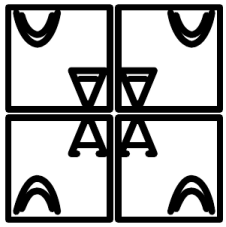


(c)

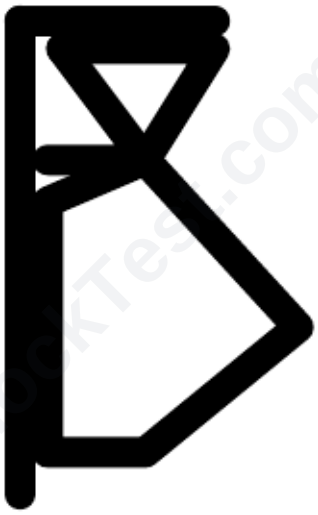


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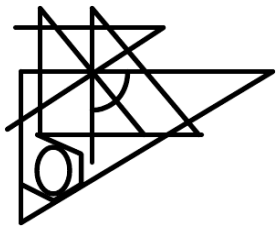
(d)



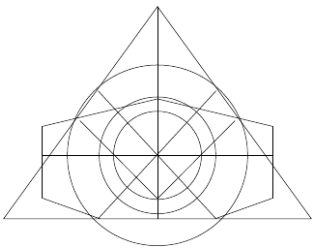
Q50. Select the option in which the given figure is embedded (ROTATION IS NOT ALLOWED).



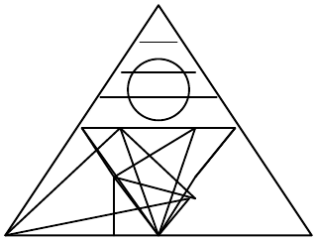
(a)



(b)

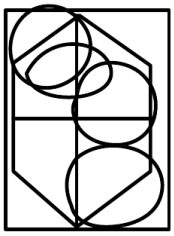


(c)



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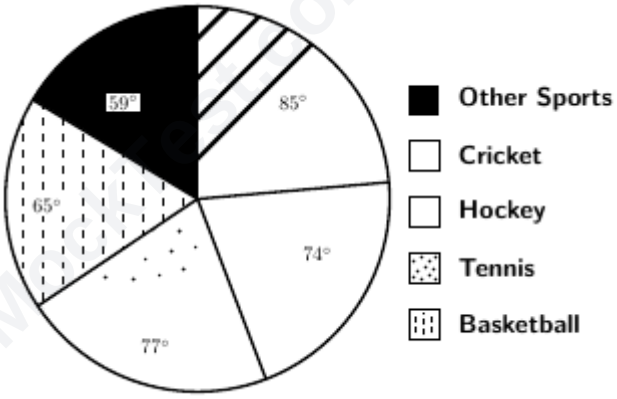
(d)



NUMERICAL APTITUDE

Q51. The pie chat given below represents the expenditure of a country on various sports during 2015. Study the pie chart and answer the question that follows.

Note: the figure is not drawn to scale.



What percentage of the total expenditure is spent on cricket and tennis taken together, during 2015?

(a) 50%
(b) 23.6%
(c) 45%
(d) 21.4%

Q52. The average height of a group of 12 students is 170 cm. Four students of heights 154 cm, 157 cm, 165 cm and 172 cm left the group. What is the new average height (in cm) of the group?

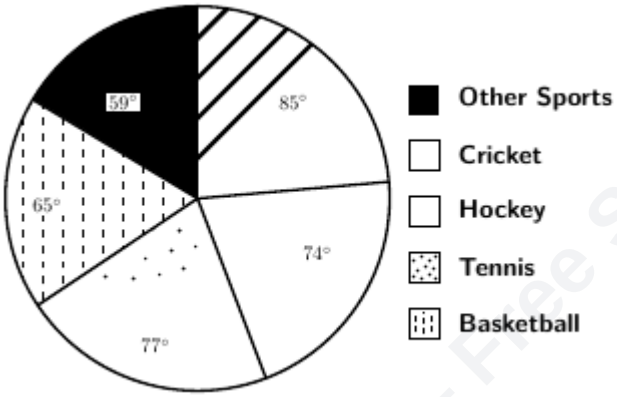
(a) 165
(b) 176
(c) 170
(d) 174

Q53. The cost price of an article is 25% less than its selling price. What is the profit or loss percentage?

(a) 33.33%, loss
(b) 66.67%, profit
(c) 33.33%, profit
(d) 66.67%, loss

Q54. The pie chart given below represents the expenditure of a country on various sports during 2015. Study the pie chart and answer the question that follows.

Note: the pie chart is not drawn to scale. The data does not represent the actual numbers. It has been created only for mathematical exercise.



In 2015, there was an increase of 50% and 25% of expenditure on Cricket and Other Sports, respectively, compared to the previous year. What was the ratio of the expenditure on Cricket to that on Other Sports in 2014?

(a) 354 : 425
(b) 97 : 170
(c) 425 : 354
(d) 170 : 97

Q55. A and B travel the same distance at speeds of 8 km/h and 12 km/h, respectively. If B takes 30 minutes less than that taken by A, what is the distance (in km) travelled by each one of them?

(a) 12
(b) 10
(c) 15
(d) 8

Q56. A and B can do a piece of work in 15 days, while B and C can do the same work in 12 days, and C and A in 10 days. They all work together for 5 days, and then B and C leave. How many days more will A take to finish the work?

(a) 12
(b) 4
(c) 15
(d) 9

Q57. Two numbers are 32% and 48% more than a third number. What percentage (correct to two decimal places) is the second number of the first?

(a) 89.19%
(b) 112.12%
(c) 102.19%
(d) 150.12%

Q58. An airplane took off from the starting point 45 minutes later than the scheduled time. The destination was 2100 km away from the starting point. To reach on time, the pilot had to increase the speed by 40% of its usual speed. What was the increased speed (in km/h)?

(a) 1870
(b) 2520
(c) 2940
(d) 1120

Q59. The profit earned by a company is to be divided among three friends who invested their money in the company, in the proportion of 6 : 9 : 11. If the share of the person who invested the most is Rs. 2,310, then what is the sum of the money (in Rs.) received by the other two friends?

(a) 1,890
(b) 3,150
(c) 5,460
(d) 1,260

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Q60. A tank is to be filled completely with water for which 8 pipes of the same kind are used. The tank gets filled in 1 hour and 40 minutes. If 10 pipes of the same kind, as mentioned above, are used, in how much time (in hours and minutes) will the tank be completely filled?

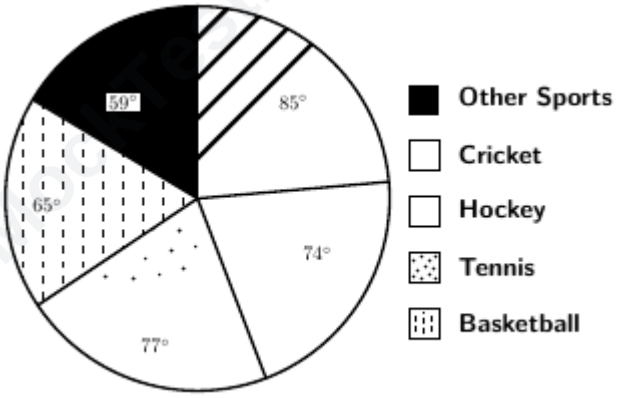
(a) 1 hour 30 minutes
(b) 1 hour 20 minutes
(c) 1 hour 45 minutes
(d) 2 hours 5 minutes

Q61. The value of 15 of 8 - 6 + [(27 - 3) ÷ 6 - 4] is:

(a) 126
(b) 114
(c) 118
(d) 120

Q62. The pie chart given below represents the expenditure of a country on various sports during 2015. Study the pie chart and answer the question that follows.

Note: the figure is not drawn to scale.



If the total amount spent on sports during 2015 is Rs. 5,20,00,000, the amount (in Rs.) spent on Hockey is how much more than that spent on Basketball?

(a) 52,00,000
(b) 13,00,000
(c) 26,00,000
(d) 39,00,000

Q63. Find the mean (up to 2 decimal points) of the following numbers:

8.9, 6.5, 7.8, 12.3, 15.6, 14.4, 9.8

(a) 8.96
(b) 7.85
(c) 9.83
(d) 10.76

Q64. The simplified value of [5/8-{5/8-(5/8-3/8)}] of 3.6 - 0.8 ÷ 10 is:

(a) 0.88
(b) -0.82
(c) -0.88
(d) 0.82

Q65. An open tank 15 m long. 12 m wide and 5 m deep is to be constructed with the help of a stainless-steel sheet that is 1.5 m in width. What length (in m) of the sheet will be required?

(a) 350
(b) 450
(c) 250

(d) 300

Q66. P sold a mobile phone to Q at 25% profit. However, Q sold it to R at a loss of 10%. If R paid Rs. 3,240 for the mobile phone, what was the price (in Rs.) paid by P for it?

(a) 3,000
(b) 2,880
(c) 3,600
(d) 2,580

Q67. The total number of students in three classes of an Engineering Institute is 885. The strength of the students in the first two classes are in the ratio of 4 : 9. The ratio of the number of students in the second and the third classes is 6 : 11. How many students are there in the class that has the maximum number of students?

(a) 594
(b) 495
(c) 954
(d) 459

Q68. A retailer gives 40% discount on a certain article, to his customer. In this transaction he earns a profit of 25% on that article. If the article costs Rs. 4,320 to the retailer, what is its marked price (in Rs.)?

(a) 8,000
(b) 2,592
(c) 9,000
(d) 6,000

Q69. A and B can do a piece of work in 12 days. A is one and a half times efficient than B. In how many days does A complete the work independently?

(a) 25
(b) 15
(c) 30
(d) 20

Q70. In how many years will the interest on a certain sum of money at 5% p.a. be three-eights of itself? (Express your answer in years and months)

(a) 8 years 5 months
(b) 7 years 6 months
(c) 7 years 5 months
(d) 8 years 6 months

Q71. The LCM of 18/5, 6/5 and 18/125 is:

(a) 8.3
(b) 3.6
(c) 4.8
(d) 5.2

Q72. The average of 75 scores is 45. The average of the first 50 scores is 42 and that of the last 26 scores is 52. What is the 50^(th) score?

(a) 60
(b) 80
(c) 75
(d) 77

Q73. A wall 12 m long, 9 m high and 30 cm thick is to be constructed. How many bricks will be required if all bricks are of the same size of length 24 cm, breadth 18 cm and height 15 cm?

(a) 5000
(b) 6500
(c) 6000

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(d) 5500

Q74. A horse racecourse is in the form of an annular ring whose outer and inner circumferences are 748 m and 396 m, respectively. The width (in m) of the racecourse is: (Take π = 22/7)

(a) 176
(b) 88
(c) 56
(d) 28

Q75. The present value of an old car is Rs. 5,40,000. Its value depreciates at 25% per annum. What was its value (in Rs.) 2 years ago?

(a) 9,60,000
(b) 7,20,000
(c) 6,30,000
(d) 2,16,000

GENERAL AWARENESS

Q76. National Commission for Scheduled Tribes came into existence as a separate commission in which of the following year?

(a) 2000
(b) 2006
(c) 2004
(d) 2002

Q77. Drukpa Tsechi, a festival celebrated in Sikkim, is associated with which of the following personalities?

(a) Mahavir Swami
(b) Lord ram
(c) Lord Buddha
(d) Lord Krishna

Q78. Which of the following rivers originates at Trimbakeshwar in Maharashtra?

(a) Krishna
(b) Damodar
(c) Godavari
(d) Mahanadi

Q79. The Reserve Bank of India also acted as the central bank for _____ till April 1947.

(a) Burma
(b) Nepal
(c) Bhutan
(d) Sri Lanka

Q80. The ancient port, Sopara is located in which of the following state?

(a) Maharashtra
(b) Kerala
(c) Odisha
(d) Tamil Nadu

Q81. According to the 2011 Census of India, the decadal growth rate of India was around:

(a) 19.3%
(b) 15.6%
(c) 17.7%
(d) 20.5%

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Q82. I.M. Vijayan, who was recommended for the Padma Shri award in June 2020, is a professional sportsperson of _____.

(a) Football
(b) Cricket
(c) chess
(d) Hockey

Q83. Which of the following was Oxford Dictionary's Hindi Word of The Year 2018?

(a) Arajak Tatva
(b) Nari Shakti
(c) Sangathan
(d) Navayuvak

Q84. Tim Brooke-Taylor, who breathed his last in April 2020 in the UK, was known for his contribution to the field of _____.

(a) acting
(b) sports
(c) literature
(d) architecture

Q85. Which one of the following Articles of the Indian Constitution directs the State to ensure the right of citizens to adequate means of livelihood?

(a) Article 29
(b) Article 39
(c) Article 27
(d) Article 33

Q86. In June 2020, who among the following was appointed as the chairman of the National Institute of Public Finance and Policy (NIPFP)?

(a) Krishnamurthy Subramanian
(b) Kaushik Basu
(c) Urjit Patel
(d) Arvind Subramanian

Q87. At which of the following places did C. Rajagopalachari break the salt law in the year 1930?

(a) Vedaranyam
(b) Tiruchi
(c) Tirupati
(d) Madurai

Q88. Which of the following short form stands for Union Government Program for Urban Development?

(a) UJJWALA
(b) UDAY
(c) UJALA
(d) AMRUT

Q89. Kwashiorkor disease occurs due to severe deficiency of _____ in the body.

(a) Vitamin K
(b) calcium
(c) iron
(d) protein

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Q90. Where is Havelock Island, a popular tourist destination located?

(a) Goa
(b) Lakshadweep
(c) Andaman and Nicobar Islands
(d) Kerala

Q91. In which year were 30 Rigveda manuscripts dating from 1800 to 1500 BC included in the UNESCO's Memory of the World Register?

(a) 2008
(b) 2005
(c) 2009
(d) 2007

Q92. For immunity against which of the following diseases is BCG vaccine given?

(a) Asthma
(b) Chickenpox
(c) Polio
(d) Tuberculosis

Q93. Which of the following is NOT a noble gas?

(a) Neon
(b) Krypton
(c) Argon
(d) Oxygen

Q94. Niki Poonacha is a professional _____ player.

(a) squash
(b) polo
(c) tennis
(d) basketball

Q95. Which of the following is not one of the writings of Lala Lajpat Rai?

(a) The Story of My Deportation
(b) Unhappy india
(c) India Wins Freedom
(d) Arya Samaj

Q96. Which of the following vitamins is also called 'cyanocobalamin'?

(a) Vitamin B-1
(b) Vitamin B-6
(c) Vitamin B-12
(d) Vitamin B-3

Q97. Who among the following is the chairman of NITI Aayog?

(a) Rajiv Kumar
(b) Narendra Modi
(c) Amitabh Kant
(d) Nirmala Sitharaman

Q98. What does the letter 'V' stand for in HVJ pipeline, which is India's first inter-state inland natural gas pipeline?

(a) Vadodara
(b) Vaikom
(c) Vadnagar
(d) Vijaipur

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Q99. Who among the following Sikh spiritual gurus is said to have assisted Khusro, the rebellious son of Jahangir?

(a) Guru Angad Dev
(b) Guru Ramdas
(c) Guru Amar Das
(d) Guru Arjun Dev

Q100. The mineral Carnotite is an important source of:

(a) copper
(b) zinc
(c) Uranium
(d) iron

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
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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