SSC MTS Previous Year Paper (Held on: 6 Oct 2021 Shift 2)

SSC Multi-Tasking Staff (MTS) • 2021 • 100 questions • 90 minutes • Answer key

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GENERAL ENGLISH

Q1. Identify the segment in the sentence which contains a grammatical error.

The flood situation in the eastern region of the country remain grim for the fifth day today.

(a) remain grim
(b) of the country
(c) for the fifth day
(d) The flood situation

Q2. Select the most appropriate ANTONYM of the given word.

BLAME

(a) Rebuke
(b) Criticise
(c) Shout
(d) Praise

Q3. Select the most appropriate synonym of the given word.

OUTRAGED

(a) Absurd
(b) Angry
(c) Content
(d) Satisfied

Q4. 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.'

These days I like to eat nuts and seeds along with fruits as I'm conscious of my healthfulness.

(a) healthful
(b) health
(c) healthy
(d) No substitution required

Q5. 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.'

Hurry up, in case you will be late for your school.

(a) otherwise
(b) even if
(c) No substitution required
(d) so that

Q6. Select the most appropriate ANTONYM of the given word.

RIDICULOUS

(a) Incredible
(b) Unbelievable

(c) Noteworthy
(d) Reasonable

Q7. Select the word which means the same as the group of words given.

Living or growing in water

(a) Submarine
(b) Mammal
(c) Amphibian
(d) Aquatic

Q8. 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'.

It is much more difficult to judge oneself than to judge others.

(a) more difficulty
(b) much difficult
(c) much more difficulty
(d) No substitution required

Q9. Identify the segment in the sentence which contains a grammatical error.

Though the schools have reopened, children are not go to school and are having online lessons.

(a) Though the schools
(b) have reopened
(c) are having
(d) are not go

Q10. Select the most appropriate synonym of the given word.

ANTIQUE

(a) Beautiful
(b) Modern
(c) Recent
(d) Ancient

Q11. Select the most appropriate meaning of the given idiom.

Turn a deaf ear

(a) Pretend to listen carefully
(b) Shout to be heard by someone
(c) Be hard of hearing
(d) Ignore what someone says

Q12. Select the word which means the same as the group of words given.

Certain to happen

(a) Unbelievable
(b) Unchanging
(c) Inevitable
(d) Indelible

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

You _____ told me that you are planning to take up a course in photography and now you are denying it.

(a) ourselves
(b) themselves
(c) itself
(d) yourself

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Q14. Select the INCORRECTLY spelt word.

(a) Explanation
(b) Aviasion
(c) Extension
(d) Tradition

Q15. Directions: In this section each of the following sentences has a blank space and each sentence is followed by four options. Select the most appropriate option to fill the blank space.

The management is going to change the _____ criteria for undergraduate courses.

(a) available
(b) curricular
(c) appearance
(d) eligibility

Q16. Select the INCORRECTLY spelt word.

(a) Actually
(b) Probably
(c) Tripple
(d) Application

Q17. Select the most appropriate meaning of the given idiom.

Pull someone up

(a) Agree with someone
(b) Drag someone
(c) Criticise someone
(d) Help someone

Q18. Select the most appropriate word to fill in the blank.

The _____ expenses for a trip to Europe are very high.

(a) overhead
(b) overdone
(c) overburdened
(d) overpaid

Q19. Select the most appropriate word to fill in the blank.

The family living next door has left for France,_____ it?

(a) didn't
(b) aren't
(c) haven't
(d) hasn't

Q20. Identify the segment in the sentence which contains a grammatical error.

I was told that we would met at five in the evening but no one has turned up for the meeting so far.

(a) for the meeting
(b) in the evening
(c) I was told
(d) we would met

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.

Time is very precious and must not be wasted on petty matters that have (1)_____ value in our lives. People keep money in safes but time(2)be saved in this way. Time can be saved and utilized only by being alert, (3)__ it very carefully, and being conscious of its passage. People who made the right use of time by not wasting it on worldly (4)__ and spent it on understanding

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the true nature of life and its purpose have left us with a (5)____ collection of religious books and wise thoughts.

Q21. Select the most appropriate option to fill in the blank number 1.

(a) nothing
(b) no
(c) none
(d) no one

Q22. Select the most appropriate option to fill in the blank number 2.

(a) wasn't
(b) can't
(c) hadn't
(d) wouldn't

Q23. Select the most appropriate option to fill in the blank number 3.

(a) holding
(b) creating
(c) treating
(d) spending

Q24. Select the most appropriate option to fill in the blank number 4.

(a) laughter
(b) subjects
(c) pleasures
(d) chances

Q25. Select the most appropriate option to fill in the blank number 5.

(a) richer
(b) richest
(c) too rich
(d) rich

GENERAL INTELLIGENCE & REASONING

Q26. Two statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All pigeons are crows.

No crow is a bird.

Conclusions:

I. Some crows are pigeons.

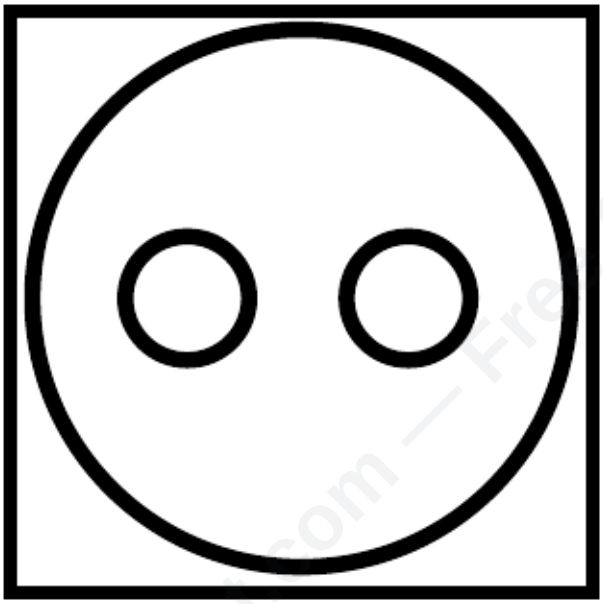
II. Some pigeons are birds.

III. No pigeon is a bird.

(a) Only conclusions I and II follow.
(b) Either conclusion II or III follows.
(c) Only conclusions I and III follow
(d) Only conclusions II and III follow.

Q27. Select the set of classes the relationship among which is best illustrated by the following Venn diagram.

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(a) Sugarcane, Fruits, Milk
(b) Cars, Buses, Cycles
(c) Motorcycles, Vehicles, Scooters
(d) Spices, Cumin, Metal

Q28. Among five iron balls P, Q, R, S and T, the weight of Q is 5 kg, which is double the weight of P, The weight of S is half the weight of T. The weight of R is equal to the weight of P and Q taken together. The weight of T is four times the weight of R. What is the weight of S?

(a) 10 kg
(b) 30 kg
(c) 15 kg
(d) 7.5 kg

Q29. Which two signs should be interchanging to make the given equation correct?

32 + 14 × 3 – 91 ÷ 7 = 3

(a) • and –
(b) • and ×
(c) ÷ and –
(d) ÷ and ×

Q30. Which of the following numbers will replace the question mark (?) in the given series?Select the number from among the given options that can replace the question mark (?) in the following series.

68, 77, 89, 105, ?, 153

(a) 126
(b) 130
(c) 141
(d) 120

Q31. Vinita, Anita, Preeti and Kunjan are dining around a square table facing the centre. Each friend is sitting at the middle of one of the four sides. Kunjan is sitting to the left of Anita. Preeti is sitting to the right of Vinita. Who is sitting to the left of Kunjan?

(a) Anita
(b) Either Vinita or Anita
(c) Vinita
(d) Preeti

Q32. In a certain code language, 'PLANT' is written as 'OJXJO'. How will 'FORTE' be written in that language?

(a) ENPPZ
(b) EMOPZ
(c) EMOQY
(d) ELNPZ

Q33. In a certain code language, 'DOSIER' is written as 'DEIORS' and 'LOGIC' is written as 'CGILO'. How will 'CORTEX' be written in that language?

(a) DPSUFY
(b) ECROXT
(c) CEORTX
(d) CEROXT

Q34. 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.

PRANIC : SQOBDJ :: SORBID : ?

(a) PTNSEK
(b) PUCTEJ
(c) PTCSEJ
(d) QTCRFJ

Q35. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

445	285	80
550	332	109
655	441	?

(a) 107
(b) 90
(c) 129
(d) 147

Q36. Select the correct mirror image of the given combination when the mirror is placed at MN as shown below.



(a)



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(b)



(c)



(d)



Q37. Select the option that is related to the third word in the same way as the second word is related to the first word.

Lazy : Hard-working :: Wealthy : ?

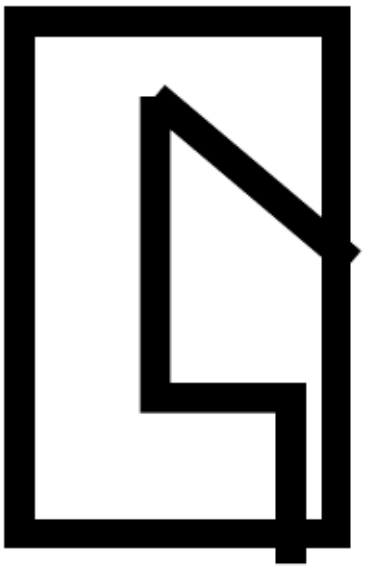
(a) Money
(b) Unhappy
(c) Rich
(d) Penniless

Q38. Which two numbers should be interchanged to make the given equation correct?

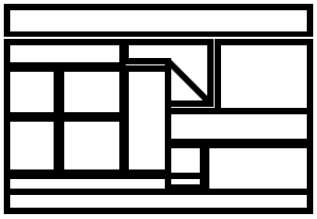
72 + 63 ÷ 9 × 5 – 36 = 67

(a) 63 and 36
(b) 63 and 72
(c) 5 and 36
(d) 72 and 36

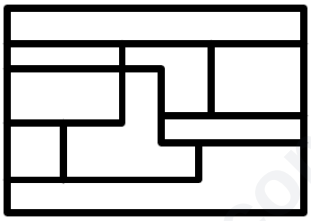
Q39. Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).



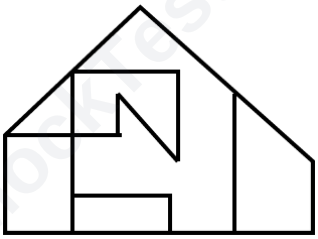
(a)



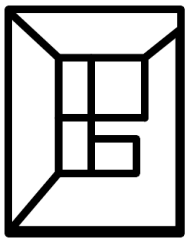
(b)



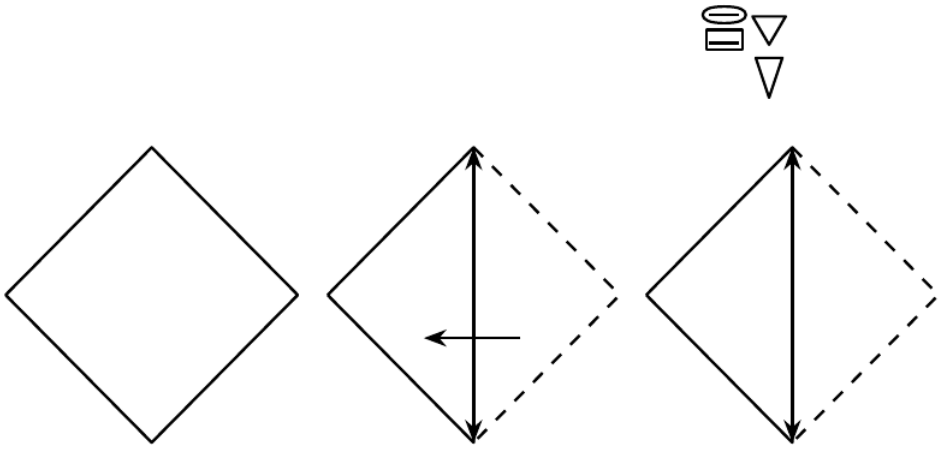
(c)



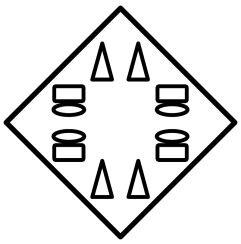
(d)



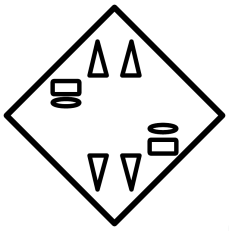
Q40. A paper is folded and cut as shown below. How will it appear when unfolded?



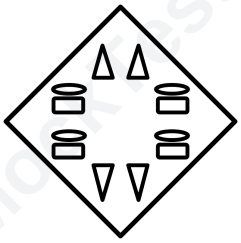
(a)



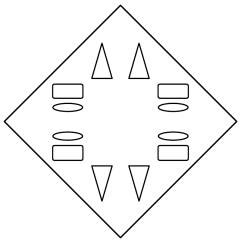
(b)



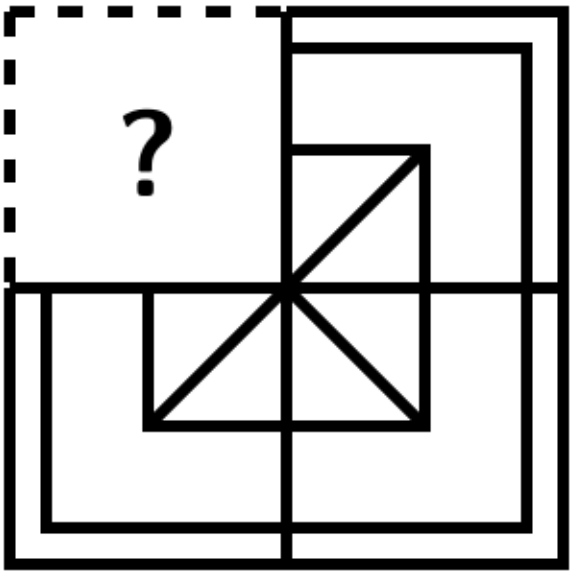
(c)



(d)

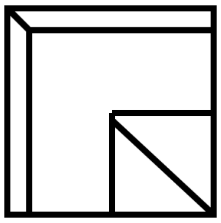


Q41. Select the option figure that will replace the question mark (?) in the figure given below to complete the pattern.

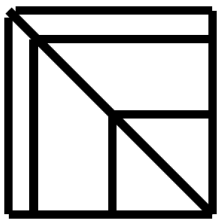


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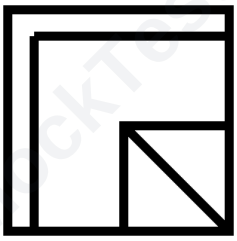
(a)



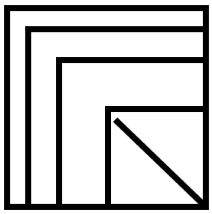
(b)



(c)



(d)



Q42. In a certain code language, 'BOXER' is written as '251224229'. How will 'PULLY' be written in that language?

(a) 16615158
(b) 11615152
(c) 16211212
(d) 11612152

Q43. Select the option that is related to the third word in the same way as the second word is related to the first word.

Hibiscus : Flower :: Penguin : ?

(a) Reptile
(b) Snow
(c) Bird
(d) Black

Q44. In a certain code language, 'WORSHIP' is written as '23418198316' and 'ROAD' is written as '18414'. How will 'REDUCE' be written in that language?

(a) 1824532
(b) 1823132
(c) 9546035
(d) 1854735

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Q45. Six friends G, H, M, J, K and L are sitting in a straight line facing north. G is sitting between L and H. H is fourth to the right of M. K is to the immediate right of H. Who is sitting between L and M?

(a) J
(b) G
(c) H
(d) K

Q46. Select the option that is related to the third number in the same way as the second number is related to the first number.

20 : 421 :: 18 : ?

(a) 343
(b) 389
(c) 289
(d) 305

Q47. Which of the following letter-clusters will replace the question mark (?) in the given series?

YTM, AQQ, CNU, ?, GHC

(a) ELZ
(b) EKY
(c) DLY
(d) EKX

Q48. Two statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All machines are refrigerators.

All refrigerators are geysers.

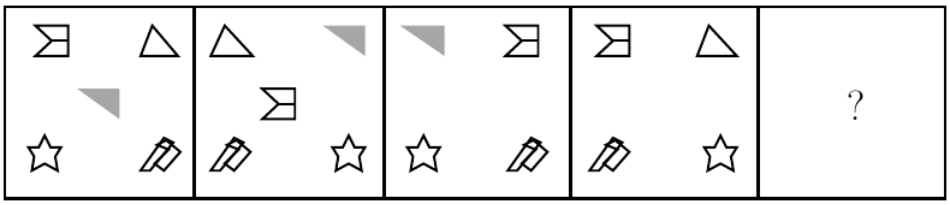
Conclusions:

I. Some machines are not geysers.

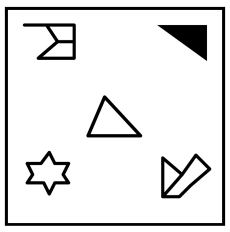
II. Some geysers are machines.

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

Q49. Select the option that will replace the question mark (?) in the following figure series.

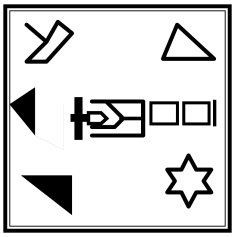


(a)

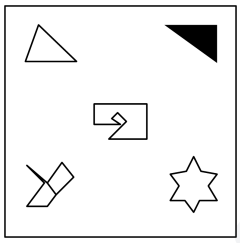


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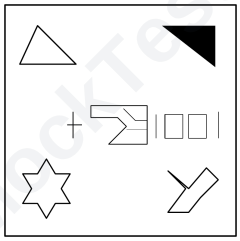
(b)



(c)



(d)



Q50. Which of the following numbers will replace the question mark (?) in the given series?

55, 68, 82, ?, 113, 130

(a) 97
(b) 104
(c) 94
(d) 90

NUMERICAL APTITUDE

Q51. A sum of Rs. 4,095 is divided between A, B, C and D such that the ratio of the shares of A and B is 1 : 3, that of B and C is 2 : 5 and that of C and D is 2 : 3. What is the difference (in Rs.) between the shares of B and D?

(a) 1,440
(b) 1,485
(c) 1,530
(d) 1,845

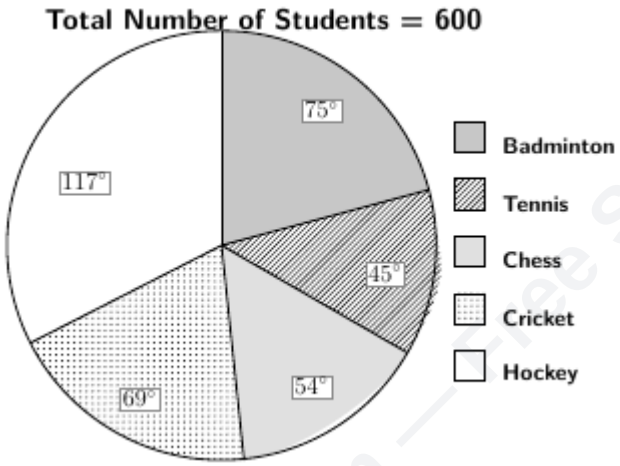
Q52. A 248-m-long train travelling at 88 km/h takes 30 seconds to cross another train, x m long, travelling at 34 km/h in the same direction. What is the value of x ?

(a) 192
(b) 197
(c) 202
(d) 207

Q53. Study the given pie chart and answer the question that follows:

The given pie chart shows the distribution (degree wise) of students in a college playing different sports.

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The average number of students playing tennis and hockey is what percent more than the number of students playing badminton?

(a) 7.4
(b) 8
(c) 8.2
(d) 10

Q54. When an article is sold for Rs. 640, there is a loss of 12%. To gain 21%, it should be sold for:

(a) Rs. 774.40
(b) Rs. 880.00
(c) Rs. 770.00
(d) Rs. 828.80

Q55. The sides of a triangular field are 96 m, 110 m and 146 m. The cost of levelling the field at Rs. 5.60 per m^2 is:

(a) Rs. 30,564
(b) Rs. 31,680
(c) Rs. 28,224
(d) Rs. 29,568

Q56. Let x be the least number which on being divided by 8, 12, 15, 24, 25 and 40 leaves a remainder of 7 in each case. What will be the remainder when x is divided by 29?

(a) 18
(b) 27
(c) 19
(d) 20

Q57. A and B working together can complete 45% of a work in 18 days. A alone can complete the same work in 60 days. A and B work together for 16 days, and then A leaves. B alone will complete the remaining work in:

(a) 80 days
(b) 60 days
(c) 72 days
(d) 75 days

Q58. If (x + 25)% of 270 is 20% more than x% of 240, then 12% of (x + 125) is what percent more than 10% of x?

(a) 55
(b) 45
(c) 42
(d) 60

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Q59. The value of (8/3÷3/5×7/5)/(5/3÷5/7×8/9)÷ 6 is:

(a) 1/6
(b) 1/4
(c) 1/3
(d) 1/2

Q60. A trader marks his goods in such a way that after allowing 16% discount on the marked price, he still gains 26%. If the cost price of the goods is Rs. 318, then what is the marked price of the goods?

(a) Rs. 477
(b) Rs. 456
(c) Rs. 450
(d) Rs. 427

Q61. X is 60% more efficient than Y, and Y alone can do a work in 80 days. Working together, X and Y will complete 52% of the same work in:

(a) 16 days
(b) 15 days
(c) 18 days
(d) 20 days

Q62. A car covers a distance of 450 km at a certain uniform speed (in km/h). The number of hours it takes for the journey is 1/8 of the number representing the speed. The time taken (in hours) by the car to cover the distance is:

(a) 9
(b) 6
(c) 61/4
(d) 71/2

Q63. A certain sum is lent at 5% p.a. for 2 years, 9% p.a. for the next 3 years and 13% p.a. after 5 years. If the simple interest on the sum for a period of 10 years is Rs. 8,160, then the sum (in Rs.) is:

(a) 8,000
(b) 9,000
(c) 8,400
(d) 9,600

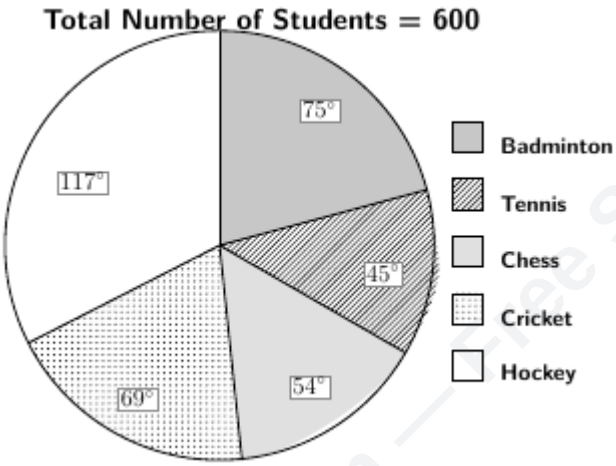
Q64. The average score of A, B and C in a test is 78 and that of C, D and E is 52. The average score of E and F is 48 and that of E and C is 60. What is the average score of A, B, C, D, E and F?

(a) 62
(b) 67
(c) 63
(d) 61

Q65. Study the given pie chart and answer the question that follows:

The given pie chart shows the distribution (degree wise) of students in a college playing different sports.

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The difference between the number of students playing chess and badminton is x. The value of x lies between:

(a) 32 and 38
(b) 26 and 32
(c) 44 and 50
(d) 38 and 44

Q66. The value of 39 – [30 – {33 – (19 – 4 ÷ 3 of 8 × 6)}] is:

(a) 15
(b) 18
(c) 24
(d) 9

Q67. The ratio of acid to water in solutions A and B is 2 : 7 and 4 : 5, respectively, these solutions are mixed in the ratio of 4 : 3. What is the ratio of acid to water in the resulting solution?

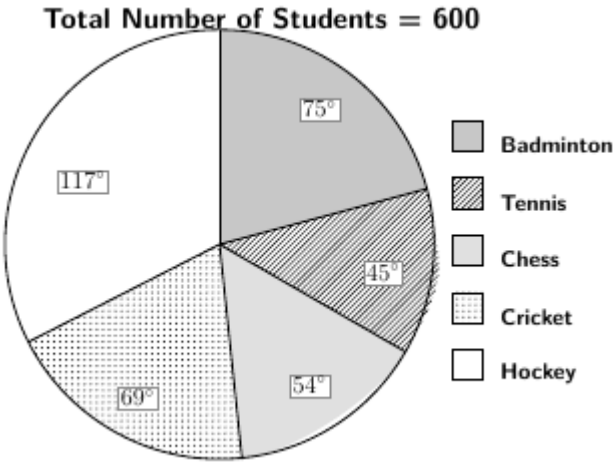
(a) 25 : 21
(b) 23 : 40
(c) 21 : 40
(d) 20 : 43

Q68. If $(11a^3 – 15b^3) : (10a^3 + 4b^3) = 5 : 7$, then $(9a + 5b) : (5a – 3b)$ is equal to:

(a) 10 : 7
(b) 13 : 5
(c) 15 : 4
(d) 14 : 9

Q69. Study the given pie chart and answer the question that follows:

The given pie chart shows the distribution (degree wise) of students in a college playing different sports.



If the ratio of the number of male students to that of female students playing hockey is 6 : 7 and 40% of the number of students playing tennis are females, then the total number of male students playing hockey and tennis is:

(a) 135
(b) 108
(c) 120
(d) 117

Q70. Anu sells articles A and B for Rs. 4,000 each, with no loss or profit in the entire transaction. If A is sold at a 25% profit, then B is sold at a loss of:

(a) 151/2 %
(b) 25%
(c) 20%
(d) 162/3 %

Q71. Three years ago, the average age of A, B and C was 29 years. If the average age of B and C, 5 years ago, was 23 years, then what is the present age (in years) of A?

(a) 49
(b) 40
(c) 46
(d) 50

Q72. The value of 5/8÷ (8/11×23/4÷4/9) + 51/3 ÷ (51/4÷3/8×3/7) of 17/9 is:

(a) 1/2
(b) 1/4
(c) 23/36
(d) 5/18

Q73. What is the mean of the median and range of the following data?

3, 8, 7, 12, 4, 3, 16, 20, 23, 10, 9, 15, 2, 7

(a) 14.5
(b) 14.75
(c) 13.75
(d) 19.5

Q74. What is the compound interest on a sum of Rs. 12,000 at 18% per annum for 11/3 years, if the interest is compounded 8-monthly?

(a) Rs. 4,708.80
(b) Rs. 2,980.20
(c) Rs. 3,840.40
(d) Rs. 3,052.8

Q75. The diameter of the base of a solid right circular cone is 22 cm and its height is 60 cm. The cost of polishing its curved surface at Rs. 1.40 per cm^2 is: (Take $\pi = 22/7$)

(a) Rs. 3,006
(b) Rs. 2,904
(c) Rs. 2,807.20
(d) Rs. 2,952.40

GENERAL AWARENESS

Q76. Which of the following persons was awarded the Padma Vibhushan posthumously in 2020?

(a) P Parameswaran
(b) Ustad Ghulam Mustafa Khan
(c) Kuldip Nayar
(d) Arun Jaitley

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Q77. _____ is the harvest festival of the Kodava community of Coorg.

(a) Madai
(b) Bhagoria
(c) Theyyam
(d) Puttari

Q78. Which of the following is a book by Lewis Carroll?

(a) Rikki-Tikki-Tavi
(b) The Man Who Would be King
(c) The Jungle Book
(d) Alice's Adventures in Wonderland

Q79. Name the captain of the Indian Men's Hockey Team as of 30th July 2020.

(a) Manpreet Singh
(b) Jarmanpreet Singh
(c) Gurinder Singh
(d) Harmanpreet Singh

Q80. Which of the following Indian festivals is celebrated by suspending a pot containing butter, curd, etc. high above the ground with people trying to break it by forming human pyramids?

(a) Ramnavami
(b) Janmashtami
(c) Sankranti
(d) Ugadi

Q81. The Ganga-Brahmaputra basin lies between _____ latitudes.

(a) 16°N and 36°N
(b) 14°N and 34°N
(c) 12°N and 32°N
(d) 10°N and 30°N

Q82. Which part of the soil contains humus?

(a) A-horizon
(b) C-horizon
(c) Bedrock
(d) B-horizon

Q83. Sponges belong to phylum _____ of the animal kingdom.

(a) Echinodermata
(b) Porifera
(c) Aschelminthes
(d) Mollusca

Q84. Which of the following statements about the city of Ahmedabad is NOT true?

(a) The first mill in Ahmedabad was established in the year 1895.
(b) Ahmedabad is located on the banks of the river Sabarmati.
(c) Ahmedabad was often referred to as the 'Manchester of India'.
(d) Ahmedabad is situated very close to cotton growing areas.

Q85. Which of the following is a dance form from the state of Uttarakhand?

(a) Therukoothu
(b) Choliya
(c) Rouf
(d) Kutiyattam

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Q86. As per the recommendations of the National Statistical Commission, the Base Year of the GDP Series in India was revised from 2004-05 to _____ with effect from January 2015.

(a) 2011-12
(b) 2013-14
(c) 2005-06
(d) 2009-10

Q87. Which of the following is NOT a public sector insurance company?

(a) United India Insurance Company
(b) The New India Assurance Company Limited
(c) SBI Life Insurance
(d) General Insurance Corporation of India

Q88. Part_____ of the Constitution of India deals with amendment of the Constitution.

(a) 18
(b) 13
(c) 20
(d) 10

Q89. Which of the following is the only President of India to have her/his wax statue at the Madame Tussauds wax museum in Delhi as of September 2020?

(a) APJ Abdul Kalam
(b) Sarvepalli Radhakrishnan
(c) Pratibha Patil
(d) Rajendra Prasad

Q90. Rivers such as Ganga and Son flowed through _____, a mahajanapada in ancient India.

(a) Kamboja
(b) Kosala
(c) Magadha
(d) Machcha

Q91. The United Nations Sustainable Development Goal 6 strives to _____.

(a) achieve gender equality and empower all women and girls
(b) end hunger, achieve food security and improved nutrition and promote sustainable agriculture
(c) ensure healthy lives and promotes well-being for all at all ages
(d) ensure availability and sustainable management of water and sanitation for all

Q92. Which of the following statements about the Constitution of India is NOT true?

(a) It prevents the State from making any law in matters of religion.
(b) Its makers choose the model of a secular state.
(c) It provides all individuals and communities the freedom to profess, practice and propagate any religion.
(d) It prohibits discrimination on grounds of religion.

Q93. Ancient Indian manuscripts were usually written on palm leaves or the bark of the _____ tree, which grows in the Himalayas.

(a) boxwood
(b) maple
(c) birch
(d) cedar

Q94. The size of the pupil of the eye is controlled by the _____.

(a) blind spot
(b) retina
(c) cornea

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(d) iris

Q95. Which of the following statements about forests in INCORRECT?

(a) In a forest, trees form the uppermost layer of vegetation.
(b) Forests protect the soil from erosion.
(c) In a forest, shrubs form the lowest layer of vegetation.
(d) Forests influence climate, water cycle and air quality.

Q96. Which of the following is a Palaeolithic site of archaeological importance in India?

(a) Chirand
(b) Burzahom
(c) Hunasagi
(d) Mehrgarh

Q97. A ____ is an instrument used for measuring electrical potential difference between two points in an electric circuit.

(a) voltmeter
(b) galvanometer
(c) ammeter
(d) barometer

Q98. In which year did the Government of India set up the first mutual fund by an Act of Parliament?

(a) 1979
(b) 1982
(c) 1963
(d) 1971

Q99. Cricketer Zaheer Khan was awarded the _____ in 2020.

(a) Padma Shree
(b) Arjuna Award
(c) Padma Bhushan
(d) Dronacharya Award

Q100. Article 57 of the Constitution of India states that _____.

(a) A person who holds, or who has held, office as President shall, subject to the other provisions of this Constitution, be eligible for re-election to that office.
(b) The executive power of the Union shall be vested in the President and shall be exercised by him either directly or through officers subordinate to him in accordance with this Constitution.
(c) The President shall hold office for a term of five years from the date on which he enters upon his office.
(d) The President shall be elected by the members of an electoral college consisting of— (a) the elected members of both Houses of Parliament, and (b) the elected members of the Legislative Assemblies of the States.

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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