SSC MTS Previous Year Paper (Held on: 11 Oct 2021 Shift 1)

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

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GENERAL ENGLISH

Q1. Select the most appropriate option to substitute the underlined segment. If no substitution is required,select 'No substitution required'.

You will never become a good reader until reading are done with a purpose.

(a) No substitution required
(b) When reading has
(c) until reading will be
(d) unless reading is

Q2. Select the most appropriate meaning of the given idiom.

Fly the nest

(a) Children returning home after studying abroad
(b) To run at a very fast pace to reach home
(c) To lose direction and not reach one's destination
(d) Children leaving their parents' home to live on their own

Q3. 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.'

Many industrialists are coming onward to help migrant workers find employment in their villages and cities.

(a) No substitution required
(b) towards
(c) forward
(d) backward

Q4. Select the most appropriate one - word substitution for the given group of words.

A gentle song sung to put a child to sleep

(a) Lullaby
(b) Chorus
(c) Prayer
(d) Hymn

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

When have you been waiting for me here?

(a) How long
(b) How far
(c) What time
(d) How late

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

SUBTLE

(a) crafty
(b) harsh

(c) faint
(d) slight

Q7. Fill in the blank with the most appropriate word.
These discount coupons are _____ for only six months from the date of issue.
(a) attested
(b) tested
(c) valid
(d) solid

Q8. Select the INCORRECTLY spelt word.
(a) Manual
(b) Grajual
(c) Mutual
(d) Usual

Q9. Select the most appropriate synonym of the given word.
STERN
(a) strict
(b) mild
(c) lenient
(d) gentle

Q10. Identify the segment in the sentence which contains a grammatical error.
Why did you spent so much money on old and useless furniture?
(a) and useless furniture
(b) so much money
(c) Why did you spent
(d) on old

Q11. Select the most appropriate synonym of the given word.
PROVOKE
(a) Enrage
(b) Gratify
(c) Placate
(d) Hinder

Q12. Identify the segment in the sentence which contains a grammatical error.
They went on talking while the teacher were teaching an important lesson.
(a) while the
(b) teacher were teaching
(c) an important lesson
(d) They went on talking

Q13. Select the most appropriate one - word substitution for the given group of words.
Undue favour shown to one's relatives
(a) Nepotism
(b) Nationalism
(c) Despotism
(d) Narcissism

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Q14. Fill in the blank with the most appropriate word.

My employers _____ my salary last year.

(a) rise
(b) rose
(c) raise
(d) raised

Q15. Fill in the blank with the most appropriate word.

I am tired _____ reminding you to clean your room.

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

Q16. Fill in the blank with the most appropriate word.

Swami Dayanand _____ the Arya Samaj.

(a) invented
(b) developed
(c) founded
(d) discovered

Q17. Select the most appropriate ANTONYM of the given word.

CEASE

(a) stop
(b) catch
(c) halt
(d) start

Q18. Identify the segment in the sentence which contains a grammatical error.

The elegance furnished drawing room indicated that the owner had good taste.

(a) drawing room indicated
(b) that the owner
(c) had good taste
(d) The elegance furnished

Q19. Select the INCORRECTLY spelt word.

(a) Mediocre
(b) Legible
(c) Opaque
(d) Sugestion

Q20. Select the most appropriate meaning of the given idiom.

Your guess is as good as mine

(a) To have the same idea as another
(b) To have no idea of the answer
(c) To play a guessing game
(d) To have a better idea than others

Directions

Comprehension: 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.

Albert soon got to learn the language of (1) ____ native people. Now, he could talk to (2) __ about their problems. They too began to (3) __ him for advice. Some people, (4) __, were too shy to share their concerns. Albert eventually (5) ____ them that he was there to assist them in all matters.

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

(a) a
(b) an
(c) the
(d) one

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

(a) them
(b) you
(c) himself
(d) us

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

(a) appear
(b) approach
(c) advance
(d) arrange

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

(a) furthermore
(b) however
(c) therefore
(d) moreover

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

(a) assured
(b) settled
(c) decided
(d) confirmed

GENERAL INTELLIGENCE & REASONING

Q26. Among six objects F, G, H, J, K and L :

i. H is twice heavy as K, and J is one and half times as heavy as F.
ii. G is half as heavy as J.
iii. F and J together are less heavy than H.
iv. J and L together are twice as heavy as F.

If the objects are arranged in descending order of their weight, which object will be second from the bottom?

(a) K
(b) L
(c) F
(d) G

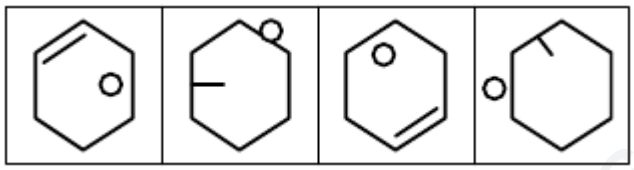
Q27. Select the option that is related to the third number in the same way as the second number is related to the first number.

7 : 294 :: 9 : ?

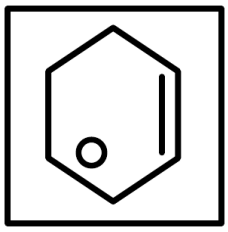
(a) 648
(b) 576
(c) 881
(d) 452

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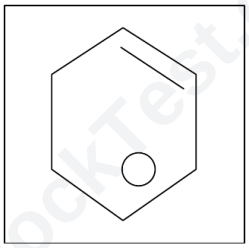
Q28. Which option figure would come next in the following figure series?



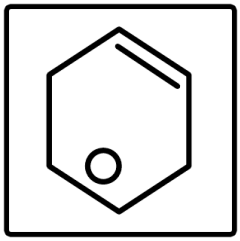
(a)



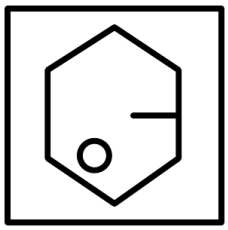
(b)



(c)



(d)



Q29. Choose the set of numbers that is similar to the following set.

{21, 29, 20}

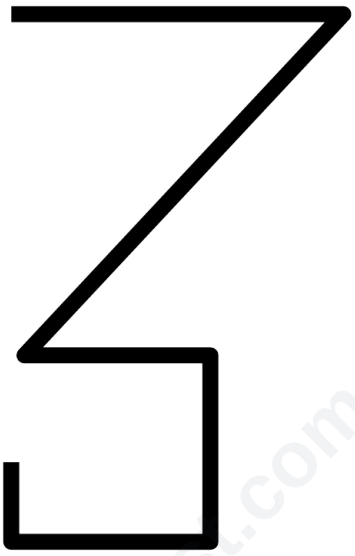
(a) {8, 17, 15}
(b) {19, 28, 17}
(c) {33, 35, 12}
(d) {7, 26, 24}

Q30. If WIDOWER is coded as VKAOXCU, then how would FORTIFY be coded?

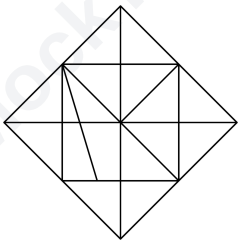
(a) EQOTJDB
(b) GMUSHDV
(c) EOQSJCD
(d) EPPTHDC

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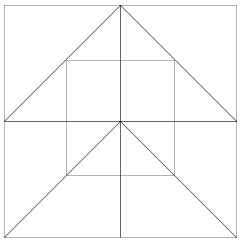
Q31. Select the option in which the given figure is embedded (rotation is NOT allowed).



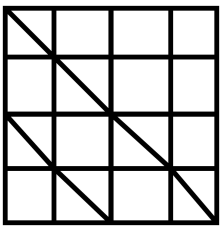
(a)



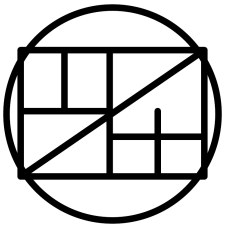
(b)



(c)



(d)

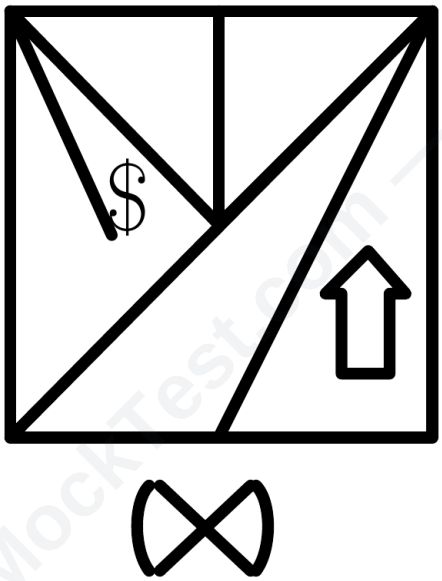


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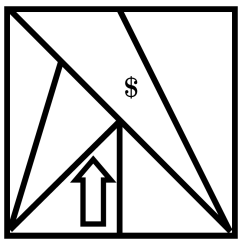
Q32. If POUNDAGE is coded as NOPUEGAD, then how would STAMPING be coded?

(a) AMSTGNIP
(b) TSMGNPIA
(c) TAMSGINP
(d) AMTSGNIP

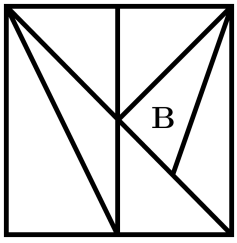
Q33. Select the mirror image of the figure marked 'X', when the mirror is placed on the right side of the figure.



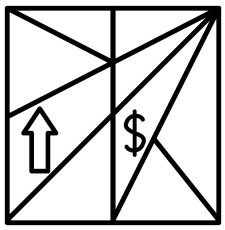
(a)



(b)

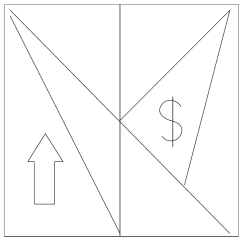


(c)



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(d)



Q34. If 'FESTIVE' is coded as '16113215011' and 'HUNGER' is coded as '1427815114', then how will 'GRUDGE' be coded?

(a) 12457111851
(b) 14527811151
(c) 15241718511
(d) 15427181511

Q35. Two statements are followed by two conclusions numbered I and II. Assuming the statements to be true even if they do not conform to real - world knowledge, decide which of the conclusions logically follows/ follow from the statements.

Statements :

1. Some streams are rivers.

2. No river is a lake.

Conclusions :

I. No stream is a lake.

II. Some rivers are streams.

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

Q36. Six boys A, B, C, D, E and F are standing in a queue.

i. There are two boys between B and D, and D is just in front of E.

ii. A and C are adjacent to B.

iii. A is just behind E, and C is just in front of F.

Which two boys are exactly in the middle positions?

(a) B and C
(b) C and D
(c) A and E
(d) A and B

Q37. If the signs + and × are interchanged, then which of the following equations would be correct?

(a) 9 × 3 - 7 + 9 = 19
(b) 10 × 5 ÷ 10 + 10 = 10
(c) 4 ÷ 8 + 6 × 3 = 8
(d) 18 × 3 ÷ 12 + 8 = 20

Q38. 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.

LOTTERY : WQMTBTF :: SECULAR : ?

(a) BDRTQZK
(b) GTFUCUM
(c) FGTUUCM
(d) DFTUSBM

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Q39. Eight friends P, Q, R, S, T, U, V and W are sitting in a row facing North.

i. Q sits to the immediate right of P, who is at one of the extreme ends of the line.

ii. Q sits third to the left of T.

iii. There are two persons between W and T.

iii. U is not an immediate neighbor of S and sits to the immediate left of V.

iv. There are three persons between V and R.

Who are sitting between Q and T?

(a) R and S

(b) U and V

(c) R and U

(d) V and S

Q40. 'Literature' is related to 'Poetry' in the same way as ' Painting' is related to '_____'.

(a) Colour

(b) Portrait

(c) Expression

(d) Frame

Q41. Which two signs should be interchanged to make the given equation correct?

10 ÷ 5 - 4 × 3 + 6 = 13

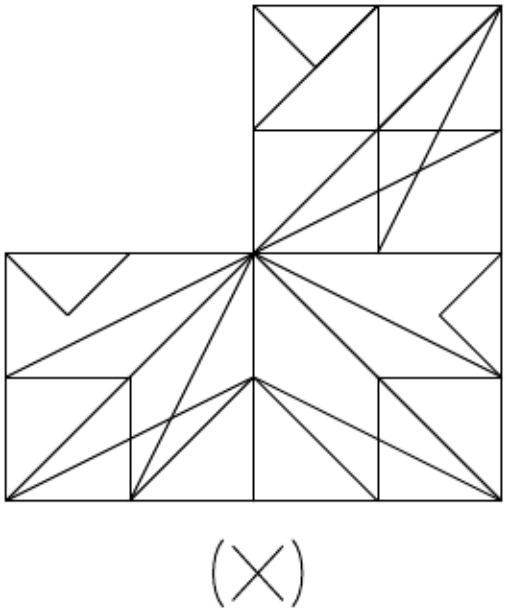
(a) • and ÷

(b) • and ×

(c) ÷ and ×

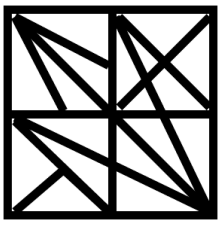
(d) • and -

Q42. Select the option figure, which when placed in the blank space of the figure marked 'X' would complete the pattern.

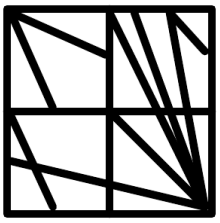


(X)

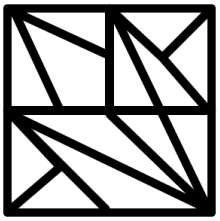
(a)



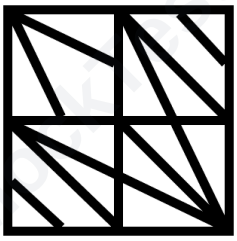
(b)



(c)



(d)



Q43. If CROWN is coded as 68 and DEPEND is coded as 42, then how would IMAGERY be coded?

(a) 68
(b) 67
(c) 71
(d) 73

Q44. Which number will replace the question mark (?) in the following number series?

7, 9, 13, 16, 25, 29, ?, 50

(a) 47
(b) 38
(c) 41
(d) 45

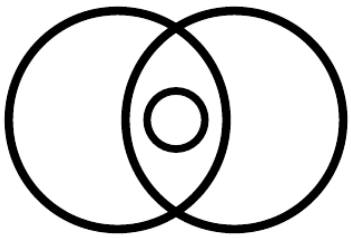
Q45. 'Play' is related to 'Actor' in the same way as 'Concert' is related to '_____'.

(a) Symphony
(b) Piano
(c) Musician
(d) Director

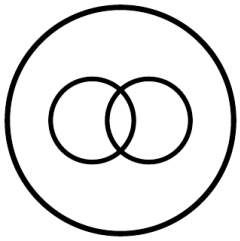
Q46. Select the Venn diagram that best illustrates the relationship among the following classes.

Women, Employed, Mothers

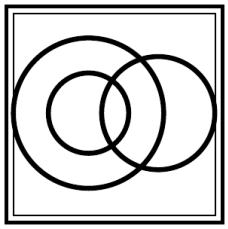
(a)



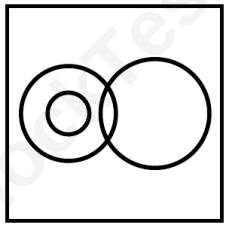
(b)



(c)



(d)



Q47. Three statements are followed by three conclusions numbered I, II and III. Assuming the statements to be true even if they do not conform to real - world knowledge, decide which of the conclusions logically follows/follow from the statements.

Statements :

1. All towns are cities.
2. No city is a village.
3. Some cities are corporations.

Conclusions :

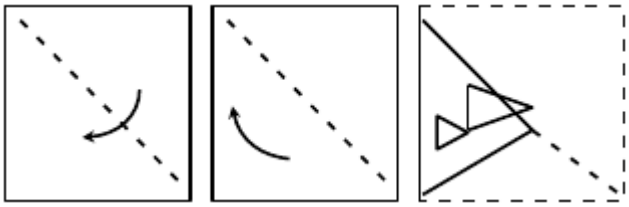
I. Some corporations are villages.

II. Some towns are corporations.

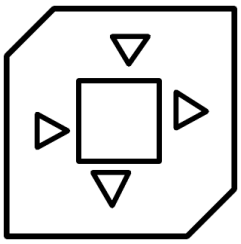
III. No corporation is a village.

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

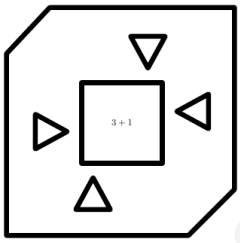
Q48. The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the figures below. How would the paper look when unfolded?



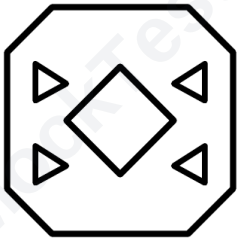
(a)



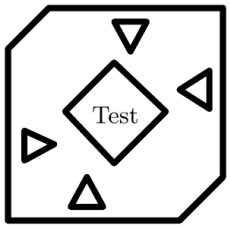
(b)



(c)



(d)



Q49. Which letter - cluster will replace the question mark (?) in the following series?

PMOR, RNNP, TOMN, VPLL, ?

(a) XRJK
(b) XQKJ
(c) VQJJ
(d) YQKJ

Q50. Which number will replace the question mark (?) in the following number series?

91, 100, 94, 97, 101, 90, 112, ?

(a) 83
(b) 123
(c) 87
(d) 79

NUMERICAL APTITUDE

Q51. What will be the compound interest on a sum of Rs. 22,500 at the rate of 16% per annum for 1 year, when interest is compounded half yearly?

(a) Rs. 3,744
(b) Rs. 3,700

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(c) Rs. 3, 600
(d) Rs. 36,244

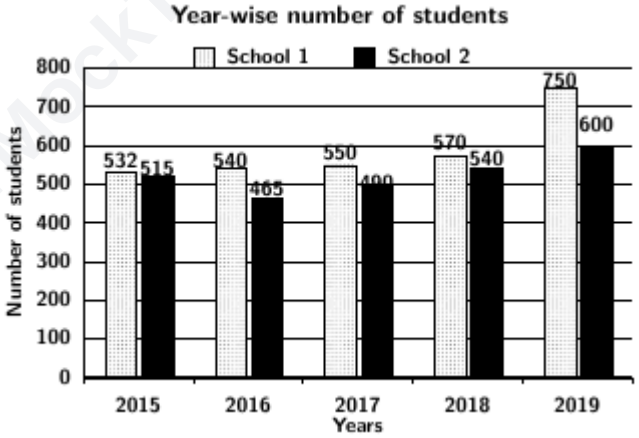
Q52. 12 men can complete a painting work in 8 days. However, 16 women can complete the same painting work in 12 days. 8 men started painting the house. After 6 days of painting, 2 men were replaced by 4 women. Now how many days will they take to complete the remaining painting?

(a) 4
(b) 6
(c) 8
(d) 5

Q53. An almirah was sold at a profit of 15%. If its cost had been 5% less and it had been sold for Rs. 1,470 less, then the profit would have been 10%. What is the cost price of the almirah?

(a) Rs. 14,000
(b) Rs. 29,400
(c) Rs. 16,100
(d) Rs. 2,94,000

Q54. The year - wise student enrollment of two schools over a period of 5 years has been presented in the following bar graph.



In which year is the difference of enrollment in the two schools, the least?

(a) 2015
(b) 2016
(c) 2018
(d) 2017

Q55. The simplified value of (119 - [48 ÷ 6 - 7 {5 × 12 ÷ 3 - (15 - 3 - 8)}])/(24 ÷ 3 - 9 of 3 + (52 - 8 - 4) ÷ 6) is :

(a) • 111/11
(b) • 127/27
(c) 127/43
(d) 111/11

Q56. A wire is in the form of a square of side 33 cm. If the wire is molded to form a circle, then what is the radius of the circle?

(Use π = 22/7)

(a) 21 cm
(b) 33 cm
(c) 16.5 cm
(d) 42 cm

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Q57. From a wooden cubical block of side 10 cm, a sphere of radius 4.2 cm is carved out. How much wood is wasted in the process? (Use π = 22/7)

(a) 476.3 cm³
(b) 689.536 cm³
(c) 310.464 cm³
(d) 523.8 cm³

Q58. The product of two positive numbers is 1344 and their ratio is 7 : 12. The smaller of these number is:

(a) 16
(b) 28
(c) 112
(d) 48

Q59. Two dealers offer an item at the same marked price Rs. 3,000. The first dealer allows successive discounts of 10% and 15%. The other dealer allows successive discounts of 20% and 5%. Find the difference in the selling price of the item under the two offers.

(a) Rs. 15
(b) Rs. 20
(c) Rs. 10
(d) Rs. 25

Q60. A bus moves from station A towards station B, which is at a distance of 189 km. An hour later, a car, the ratio of whose speed with the bus is 3 : 2, starts from station A and moves towards station B. Find the speed of the bus (in km/h), if the car arrives at station B in half an hour earlier than the bus.

(a) 41
(b) 37.8
(c) 42
(d) 63

Q61. Kavita purchased fabric worth Rs. 800 for a dress, and spent Rs. 350 on embroidery and stitching. If she sold a dress at a profit of 20%, then the selling price is:

(a) Rs. 1,220
(b) Rs. 1,380
(c) Rs. 1,500
(d) Rs. 1,310

Q62. In a joint family of 16 persons, the eldest and the youngest members have an age difference of 82 years. If these two are left out of the counting, then the average age of the remaining 14 persons is 28. The average age of the entire family being 30, what is the age of the eldest person?

(a) 85 years
(b) 88 years
(c) 76 years
(d) 60 years

Q63. If the mode of the following data is 11, then find the value of k:

11, 8, 9, (2k - 1), 11, 12, 12, 18, 14, 16

(a) 5
(b) 6
(c) 7
(d) 4

Q64. The average of 9 numbers is 19. If the average of the first four numbers is 14, then the average of last 5 numbers is:

(a) 20
(b) 10
(c) 25.25

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(d) 23

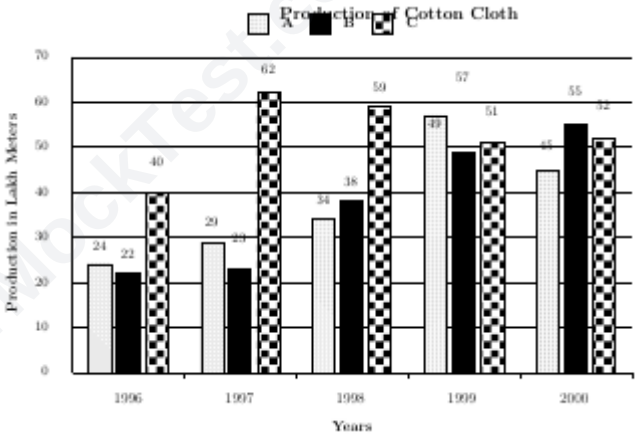
Q65. Two numbers differ by 10. If their LCM is 120 and HCF is 10, then the sum of the number is:

(a) 130
(b) 120
(c) 70
(d) 50

Q66. The value of (162/3 ÷ 10) - [(8/3 × 5/4)of2/5 + 16/3 × 11/8 - (1/4 ÷ 1/28)] is:

(a) 1
(b) 5
(c) 0
(d) 10

Q67. The following graph shows the production of cotton cloth (in lakh meters) by three companies A, B, and C over the years.



In which years the production of company C is 81.94% (correct to 2 decimal places) of the combined production of company A and company B?

(a) 1996
(b) 1998
(c) 2000
(d) 1999

Q68. A large container has a 50 litre mixture of juice and water in the ratio 3 : 2. To this, a 60 litre juice and water mixture is added, that has a juice to water ratio of 2 : 1. After this, 11 litres of the solution is replaced with pure juice. What is the ratio of water to juice in the final mixture?

(a) 37 : 18
(b) 29 : 81
(c) 4 : 7
(d) 18 : 37

Q69. The cost of leveling a square field at the rate of Rs. 52/m²is Rs. 1,30,000. What will be the cost of fencing its boundary at the rate of Rs. 35/m?

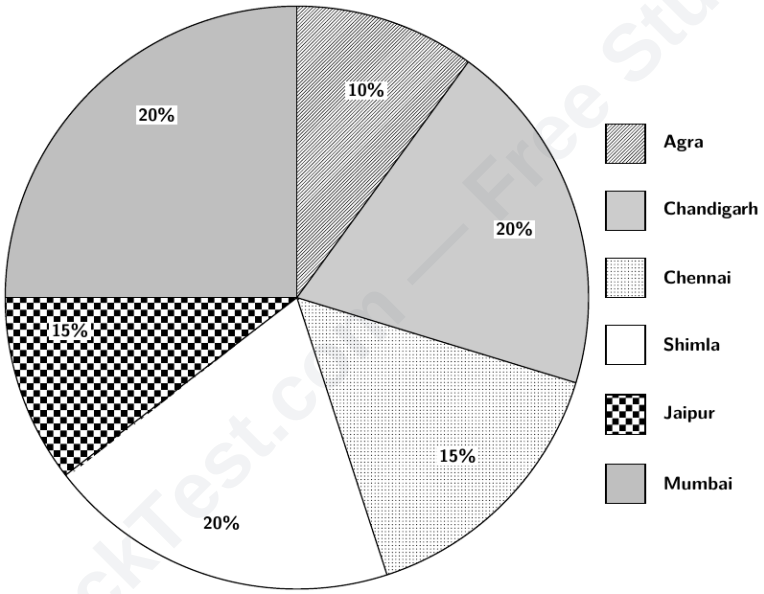
(a) Rs. 2,500
(b) Rs. 7,000
(c) Rs. 87,500
(d) Rs. 3,500

Q70. Seats in a college for B.Sc. course for Physics, Chemistry and Biology, are in the proportion of 7 : 5 : 8. There is a proposal to increase the seats by 50%, 40% and 25%, respectively. What will be the proportion of the increased seats?

(a) 12 : 9 : 33
(b) 21 : 14 : 20

(c) 57 : 45 : 33
(d) 7 : 4 : 4

Q71. A survey was conducted on 80 families to know about their favorite place to visit out of 6 particular locations. The same has been shown in the following pie chart.



What is the central angle for the families who showed interest for visiting Jaipur?
(a) 15°
(b) 25°
(c) 54°
(d) 60°

Q72. Ankit invests some money at 9% simple interest for 2 years, and the same sum for 4 years at 10% per annum. He earns Rs. 1,740 in all. The sum invested in each case is:
(a) Rs. 4,350
(b) Rs. 3,000
(c) Rs. 6,000
(d) Rs. 4,500

Q73. A is 30% more efficient than B. If B finishes a work in 13 days, then in how many days will A finish the same work?
(a) 11
(b) 9
(c) 10
(d) 12

Q74. A typist uses a paper of size 32 cm × 20 cm. He leaves a margin of 2 cm each on all the sides. If he leaves a margin of 1 cm only on all the sides, then what is the percentage of the increase in the are available for typing (correct to 2 decimal places)?
(a) 20.54%
(b) 82.96%
(c) 17.04%
(d) 79.46%

Q75. Amit covers a certain distance on his bike at a speed of 40 km/h in 15 min. If he wants to cover the same distance in 12 min, then what should his speed be?
(a) 60 km/h
(b) 50 km/h
(c) 72 km/h
(d) 32 km/h

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GENERAL AWARENESS

Q76. Who among the following built the first European fort in India in the year 1503?

(a) Dutch
(b) British
(c) French
(d) Portuguese

Q77. Which state became the first fully organic farming state in 2016?

(a) Assam
(b) Sikkim
(c) Punjab
(d) Goa

Q78. Which part of the world has become the highest density of population as of September 2020?

(a) East Australia
(b) North America
(c) East Africa
(d) South Central Asia

Q79. What do you call the transparent front part of the eye?

(a) Cornea
(b) Retina
(c) Pupil
(d) Iris

Q80. Which Indian city was included in the UNESCO Creative Cities Network for its contribution to music in November 2017?

(a) Nagpur
(b) Vadodara
(c) Bengaluru
(d) Chennai

Q81. Which of the following is an essential element used in the synthesis of proteins in plants?

(a) Calcium
(b) Sodium
(c) Chlorine
(d) Nitrogen

Q82. The Chalukya Dynasty ruled in Vatapi which is in the modern day Indian state of _____.

(a) Kerala
(b) Gujarat
(c) Karnataka
(d) Tamil Nadu

Q83. Which Indian Lawn Tennis player became the first Asian player to win the Boys' Singles title at Wimbledon in 1954?

(a) Ramanathan Krishnan
(b) Ramesh Krishnan
(c) Anand Amritraj
(d) Vijay Amritraj

Q84. Which of the following is one of the main active sulphur - containing compounds present in garlic and onion?

(a) Allicin
(b) Cellulose
(c) Ethanol

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(d) Phenol

Q85. Pochampally Ikat sarees and dress materials, famous for their traditional geometric patterns, belong to the state of _____.

(a) Telangana
(b) Tamil Nadu
(c) Karnataka
(d) Kerala

Q86. What kind of a traditional sport 'Vallam Kali'?

(a) Boxing
(b) Running
(c) Boat Racing
(d) Wrestling

Q87. 'Ratvai' is a dance form associated with the _____ tribes of India.

(a) Mewati
(b) Khasi
(c) Jatapus
(d) Bhil

Q88. 'Muya Awandru' is a traditional food of this Indian state.

(a) Gujarat
(b) Karnataka
(c) Chattisgarh
(d) Tripura

Q89. A paper instructing the bank to pay a specific amount from a person's account to another person in whose name it has been issued is known as:

(a) cash
(b) cheque
(c) passbook
(d) currency

Q90. Who among the following was appointed as the First Lieutenant Governor of Ladakh in October 2019?

(a) Radha Krishna Mathur
(b) Anil Baijal
(c) Dineshwar Sharma
(d) Girish Chandra Murmu

Q91. If two forces act on an object from opposite directions, then the magnitude of the net force acting on it is the _____ of the magnitudes of the two forces.

(a) product
(b) sum
(c) ratio
(d) difference

Q92. What is the maximum amount of investment permissible per senior citizen under Pradhan Mantri Vaya Vandana Yojana?

(a) Rs. 10 lakh
(b) Rs. 15 lakh
(c) Rs. 7 lakh
(d) Rs. 25 lakh

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Q93. India and Pakistan had signed the _____, under which the two countries agreed to sort out differences and disputes bilaterally.

(a) Calcutta pact
(b) Shimla Pact
(c) Lucknow Pact
(d) Agra Pact

Q94. Rani Rudrama Devi was a famous ruler of the _____ dynasty.

(a) Pandya
(b) Kakatiya
(c) Chola
(d) Chera

Q95. In which year did India give shelter to Dalai Lama, the Tibetan spiritual leader?

(a) 1962
(b) 1957
(c) 1960
(d) 1959

Q96. Which of the following is a low grade brown coal that is soft with high moisture content?

(a) Bituminous
(b) Anthracite
(c) Peat
(d) Lignite

Q97. What do you call one of the most famous constellations that we can see during summer time in the early part of the night?

(a) Cassiopeia
(b) Ursa Minor
(c) Orion
(d) Ursa Major

Q98. In terms of coal reserves, India's rank in the world as of April 2020 was:

(a) ninth
(b) fifth
(c) seventh
(d) third

Q99. Who among the following helped Kaira District Co - operative Milk Producers' Union Ltd expand its work, ushering in the White Revolution?

(a) Verghese Kurien
(b) Azar Iqbal
(c) Baba Amte
(d) Sunderlal Bahuguna

Q100. 'Ace against Odds' is an autobiography by _____.

(a) Hima Das
(b) Sania Mirza
(c) Dutee Chand
(d) Mary Kom

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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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