SSC MTS Previous Year Paper (Held on: 13 Oct 2021 Shift 2)

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

A person who makes maps

(a) Cartographer
(b) Stenographer
(c) Calligrapher
(d) Biographer

Q2. Select the INCORRECTLY spelt word.

(a) Receipt
(b) Greatful
(c) Column
(d) Accident

Q3. The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

I earn / little money / than my / younger brother.

(a) little money
(b) than my
(c) I earn
(d) younger brother

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

FORMER

(a) latter
(b) further
(c) earlier
(d) anterior

Q5. The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The students / have been / doing yoga / since an hour

(a) The students
(b) since an hour
(c) doing yoga
(d) have been

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

COMPREHEND

(a) understand
(b) attack
(c) permit
(d) confess

Q7. Select the most appropriate meaning of the given idiom.

Hit the ceiling

(a) Explode in anger
(b) Reach the top
(c) Make good progress
(d) Have high hopes

Q8. Select the most appropriate word to fill in the blank.

If we _____ any further, we will lose the contract.

(a) back
(b) delay
(c) late
(d) slow

Q9. Select the most appropriate one-word substitution for the given group of words.

An imaginary ideal society where people live in perfect conditions

(a) Idyll
(b) Myopia
(c) Countryside
(d) Utopia

Q10. Select the most appropriate meaning of the given idiom.

Months on end

(a) In a month's time
(b) End of the month
(c) Last month of the year
(d) Several months in a row

Q11. Select the most appropriate word to fill in the blank.

_____ I saw the smoke, I realised there was a fire in the woods.

(a) Scarcely
(b) Although
(c) As soon as
(d) Unless

Q12. Select the most appropriate synonym of the given word.

YIELD

(a) retain
(b) deny
(c) submit
(d) assert

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

She received _____ for her beautiful handwriting.

(a) counsel
(b) confirmation
(c) compliments
(d) complements

Q14. Identify the segment in the sentence which contains a grammatical error.

The guide gave us completed information about the historical castle.

(a) completed information
(b) about the
(c) historical castle

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(d) The guide gave us

Q15. Select the INCORRECTLY spelt word.

(a) Possession
(b) Interupt
(c) Guarantee
(d) Threshold

Q16. Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need substitute it, select 'No substitution required'.

The boys have gone for a morning walk, are they?

(a) haven't they
(b) have they
(c) No substitution required
(d) aren't they

Q17. Select the most appropriate word to fill in the blank.

Yesterday, Mohini _____ her brother to lend her a pen.

(a) requests
(b) request
(c) has requested
(d) requested

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

CROOKED

(a) straight
(b) curved
(c) hooked
(d) bent

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'.

Don't park your car here, the police should tow it away.

(a) ought to
(b) need to
(c) might
(d) No substitution required

Q20. 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 government has ordered that all illegal structures around heritage buildings must be brought down.

(a) without
(b) towards
(c) into
(d) No substitution required

Directions

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

It is a common sight to find roads littered with scraps of paper, empty cans, cigarette stubs... the list is unending. It is sad that we (1)___ pass by with a look of disgust (2)_ do nothing to clean up the (3)_. Littering pollutes the environment and can be (4)_ for animals. It contaminates the soil and water and (5)___ diseases.

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

(a) exactly
(b) simply
(c) nearly
(d) fairly

Directions

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

It is a common sight to find roads littered with scraps of paper, empty cans, cigarette stubs... the list is unending. It is sad that we (1)___ pass by with a look of disgust (2)_ do nothing to clean up the (3)_. Littering pollutes the environment and can be (4)_ for animals. It contaminates the soil and water and (5)___ diseases.

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

(a) so
(b) but
(c) only
(d) than

Directions

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

It is a common sight to find roads littered with scraps of paper, empty cans, cigarette stubs... the list is unending. It is sad that we (1)___ pass by with a look of disgust (2)_ do nothing to clean up the (3)_. Littering pollutes the environment and can be (4)_ for animals. It contaminates the soil and water and (5)___ diseases.

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

(a) chaos
(b) pattern
(c) wreck
(d) mess

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

(a) final
(b) vital
(c) fatal
(d) trivial

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

(a) have caused
(b) causes
(c) have been causing
(d) cause

GENERAL INTELLIGENCE & REASONING

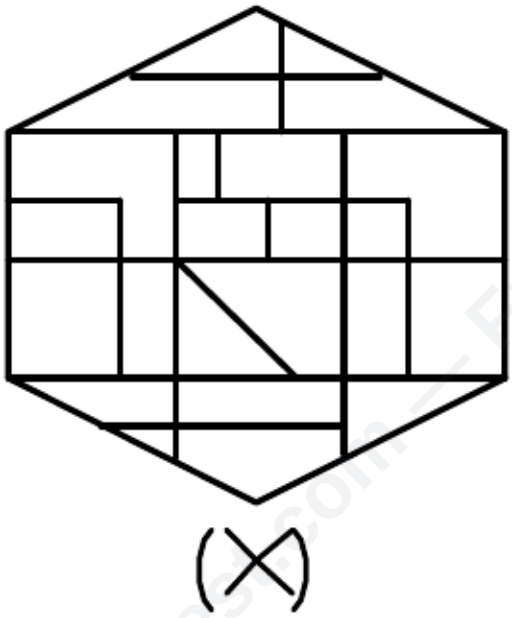
Q26. Which of the following numbers will replace the question mark (?) in the given series?

140, 141, 133, 160, 96, ?

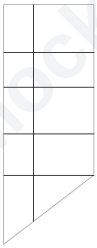
(a) 337
(b) 311
(c) 221
(d) 276

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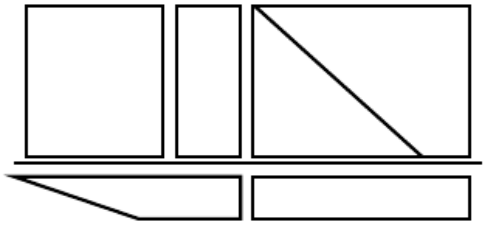
Q27. Select the option figure that is NOT embedded in the given figure (X) as its part (rotation is NOT allowed).



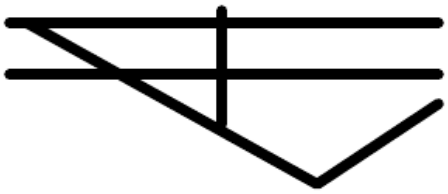
(a)



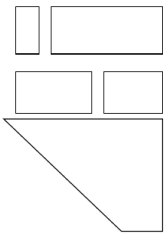
(b)



(c)



(d)



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Q28. 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:

Some clothes are curtains.

All curtains are fibres.

Conclusions:

I. Some fibers are clothes.

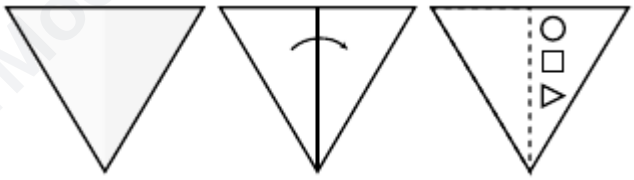
II. No fibre is a cloth.

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

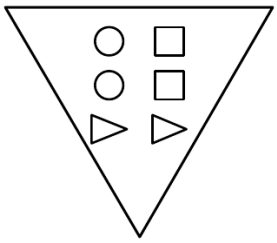
Q29. In a certain code language, 'PRUNE' is written as '74'. How will 'LONDON' be written in that language?

(a) 121
(b) 60
(c) 112
(d) 74

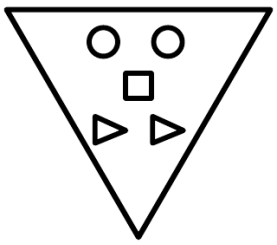
Q30. A paper is folded and cut as shown below. How will it appear when unfolded?



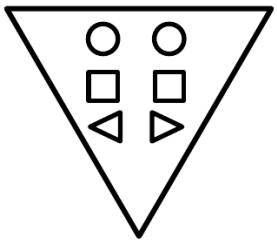
(a)



(b)

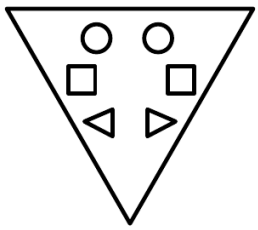


(c)



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(d)



Q31. Which of the following latter-clusters will replace the question mark (?) in the given series?

ZML, WKK, TIJ, QGI, ?

(a) MEH
(b) ODH
(c) NDG
(d) NEH

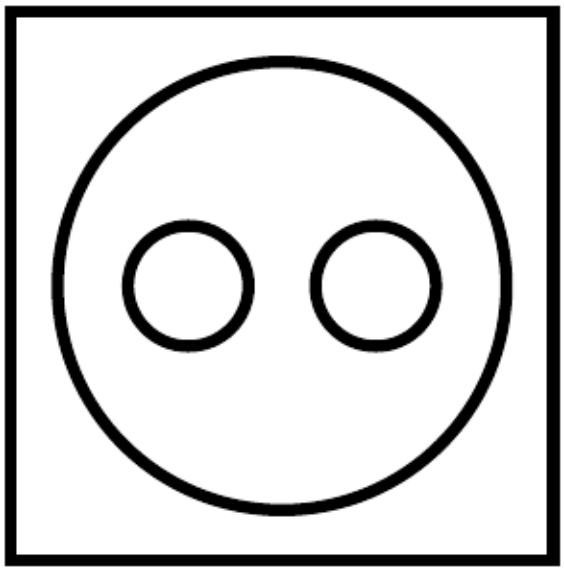
Q32. In a certain code language, 'FORT' is written as '6301820' and 'PRICE' is written as '161818310'. How will 'FUTILE' be written in that language?

(a) 64220091205
(b) 64220181210
(c) 62120091210
(d) 62220181310

Q33. In a certain cede language, 'CAMPHOR' is written as 'HZLOGNW' and 'FASTEN' is written as 'KZRSDS'. How will 'NATIONAL' be written in that language?

(a) SZSINOZK
(b) TZUHNMZQ
(c) MZSHNMZK
(d) SZSHNMZQ

Q34. Select the set of classes the relationship among which is best illustrated by the following Venn diagram.



(a) Spices, Cumin, Spinach
(b) Animals, Plants, Cucumbers
(c) Engineers, Doctors, Pharmacists
(d) Wheat, Maize, Cereals

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Q35. In a certain code language, 'BROWN' is written as 'ORBNW'. How will 'LUCKY' be written in that language?

(a) CKUYL
(b) CULYK
(c) UKLCY
(d) CLUYK

Q36. Which two signs should be interchanged to make the given equation correct?

8 × 9 ÷ 15 + 30 - 5 = 63

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

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

8 : 108 : : 12 : ?

(a) 208
(b) 223
(c) 135
(d) 150

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

14 × 7 - 25 ÷ 5 + 95 = 104

(a) 14 and 95
(b) 25 and 7
(c) 7 and 5
(d) 25 and 95

Q39. 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 jewels are metals

No metal is a diamond.

Conclusions:

I. No jewel is a diamond.

II. No diamond is a metal.

III. Some metals are jewels.

(a) Only conclusions I and II follow
(b) Only conclusions I and III follow
(c) Only conclusions II and III follow
(d) All of the conclusions follow

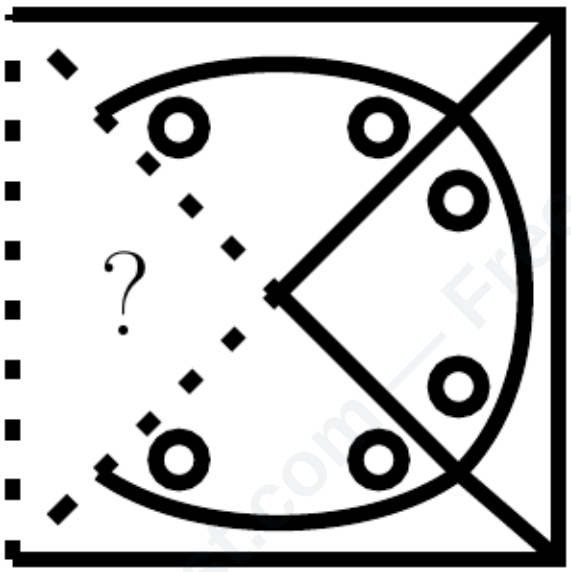
Q40. Select the number from among the given options that can replace the question mark (?) in the following series.

20, 44, 92, 188, 380, ?

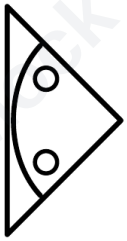
(a) 884
(b) 760
(c) 880
(d) 764

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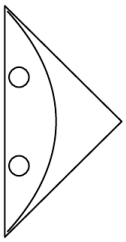
Q41. Select the option figure that will replace the question mark (?) in the figure given below to complete the pattern.



(a)



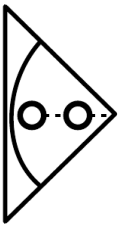
(b)



(c)



(d)



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Q42. Select the option that is related to the third word in the same way as the second word is related to the first word.

Gymnasium : Exercise : : School : ?

(a) Curriculum
(b) Teachers
(c) Students
(d) Education

Q43. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

11	**9**	**11**
7	8	?
324	289	441

(a) 10
(b) 11
(c) 12
(d) 9

Q44. 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.

FLKU : VLMG : : DPJMR : ?

(a) SOKRE
(b) SNKQE
(c) XQKNT
(d) TNKOE

Q45. If B = D, C = U, B > G, U > R and C > S, then which of the following expressions is NOT correct?

(a) S < C
(b) S < U
(c) C < R
(d) G < D

Q46. Select the correct mirror image of the given combination when the mirror is placed at MN as shown below.



(a)



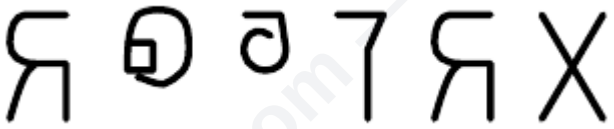
(b)



(c)



(d)



Q47. Select the option that is related to the third word in the same way as the second word is related to the first word.

Chef : Food :: Carpenter : ?

(a) Construction
(b) Axe
(c) Wood cutter
(d) Furniture

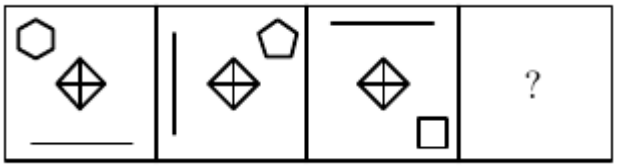
Q48. Eight friends P, Q, R, S, T, U, V and W are sitting anticlockwise at equal distances in the same sequence around a circular table. All are facing the centre of the table. If T is sitting in the west, then who is sitting at the third place to the left of P?

(a) S
(b) V
(c) U
(d) W

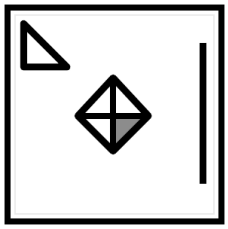
Q49. In a line, five friends P, Q, R, S and T are sitting, all facing East. P is sitting at the second place to the left of T. R is third to the left of S and also to the immediate right of P. Which two persons are sitting at the corners?

(a) Q and R
(b) Q and T
(c) P and Q
(d) P and S

Q50. Select the option that will replace the question mark (?) in the following figure series.

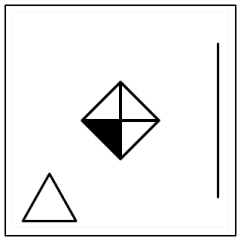


(a)

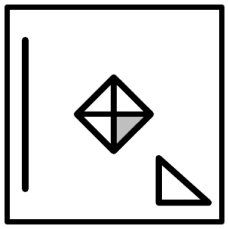


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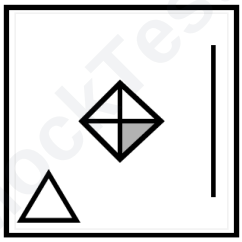
(b)



(c)



(d)



NUMERICAL APTITUDE

Q51. If the mean of the following data is 9, then find the value of k.

11, (k - 2), 7, (k - 1), 11, 16, 12, 15, (k - 1), 13

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

Q52. A shopkeeper marks every item available in his shop at 20% higher than the actual cost price. He offers a discount of 10% on every item. If an item is sold for Rs. 5,400, find his profit percentage.

(a) 4%
(b) 8%
(c) 6.6%
(d) 15%

Q53. Sudhir took a loan of Rs. 15,000 on simple interest for as many years as the rate of interest. If he paid Rs. 7,350 as interest at the end of the loan period, then what was the rate of interest per annum?

(a) 15%
(b) 49%
(c) 10%
(d) 7%

Q54. Three numbers are in the ratio 4/9 : 2/3 : 3/4. The difference between the greatest and the smallest numbers is 33. Find the greatest number.

(a) 66
(b) 72
(c) 48
(d) 81

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Q55. The average time taken by 7 athletes in a race is 2 minutes 10 seconds. If the winner completed the race in 1 minute 40 seconds, then the average time taken by the other athletes is:

(a) 2 minutes 35 seconds
(b) 2 minutes 45 seconds
(c) 2 minutes 15 seconds
(d) 2 minutes 25 seconds

Q56. The simplified value of 6 - [{(20/24 ÷ 1/2) + 48/56 - 6/7} of 6/10 - 7] is:

(a) 12
(b) 13
(c) 0
(d) 9

Q57. A shopkeeper sold some bedsheets of one variety for Rs. 12,000 for 20% profit, and some bedsheets of another variety for Rs. 10,350 for 15% profit. what was his overall profit on the sale of these bedsheets?

(a) Rs. 3,750
(b) Rs. 3,350
(c) Rs. 3,552.50
(d) Rs. 3,952.50

Q58. A pool has 3 taps. The first tap takes 3 days, the second tap takes 2 days, and the third tap takes 18 hours, to fill the pool. All the three taps are opened together. After 8 hours, the second tap is closed. The total time to fill the pool completely will be:

(a) 128/11 hours
(b) 12 hours
(c) 144/13 hours
(d) 4 hours

Q59. A man cycling at a uniform speed of 10 km/h crosses a bridge in 90 seconds. The length of the bridge is:

(a) 150 m
(b) 25 m
(c) 250 m
(d) 15 m

Q60. Kamal and her sister together have Rs. 2,100. On taking Rs. 300 from her sister, Kamal will have the same amount as what her sister had earlier. Find the ratio of the initial amounts that Kamal and her sister had.

(a) 3 : 4
(b) 1 : 1
(c) 4 : 3
(d) 5 : 9

Q61. The value of 31/9 ÷ 4/9 of (7 3/10 + 3 1/5) + 4/5 ÷ 22/5 is:

(a) 5
(b) 1
(c) 2
(d) 10

Q62. Kamala has three cylindrical containers, each with radius 20 cm that she wants to fill with grain. If her bag of grain contains 100 kg of grain, and she fills all three containers to a height of 70 cm, how much grain will be left in the bag, if 1 kg grain occupies 3000 cm^3 space? (Use $\pi = 22/7$)

(a) 88 kg
(b) 50 kg
(c) 58 kg
(d) 12 kg

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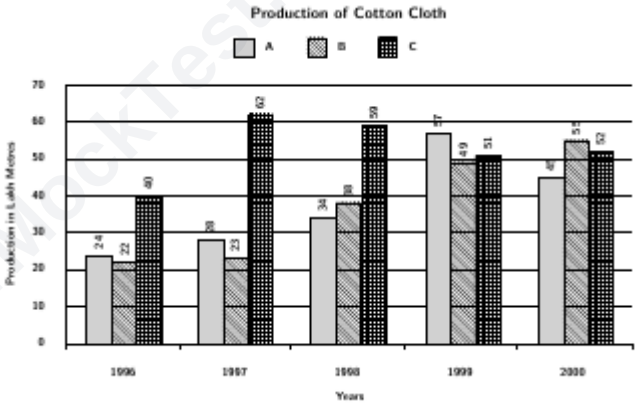
Q63. A transporter drives his truck for the first 4 hours of his journey at a speed of 90 km/h, and the remaining distance in 6 hours at a speed of 50 km/h. What is the average speed of the truck (in km/h)?

(a) 64
(b) 70
(c) 60
(d) 66

Q64. Two girls move in opposite directions, one from A to B and the other from B to A. The girl from A reaches the destination in 12 minutes. The girl from B stops on the way for 10 minutes and reaches her destination in 25 minutes. If A's speed is 5 km/h, then what is the speed of B?

(a) 3 km/h
(b) 15/7 km/h
(c) 4 km/h
(d) 2.4 km/h

Q65. The following graph shows the production of cotton cloth (in lakh metres) by three companies A, B and C over the years.



What is the ratio of the production of Company C in the years 1996 and 1997 to the production of Company B in the years 1999 and 2000?

(a) 3 : 11
(b) 51 : 52
(c) 11 : 3
(d) 52 : 51

Q66. A person invests Rs. 10,000 at the rate of 10% per annum for 2 years on simple interest. How much more interest will be earned if he is paid compound interest instead of simple interest, interest being compounded annually?

(a) Rs. 100
(b) Rs. 4,100
(c) Rs. 2,100
(d) R. 1

Q67. A square park has area 4356 m^2. Taking its one round is same as taking one round of another circular park. Find the area of the circular park. (Use $\pi = 22/7$)

(a) 11088 m^2
(b) 5544 m^2
(c) 22176 m^2
(d) 1386 m^2

Q68. Kulbhushan started a juice (syrup + water) counter. Initially, he had 140 litres of juice which had 40% water in it. He sold 30 litres of the juice. Then he added equal amounts of syrup and water. Now the ratio of water to syrup became 3 : 4. What quantity of water was added?

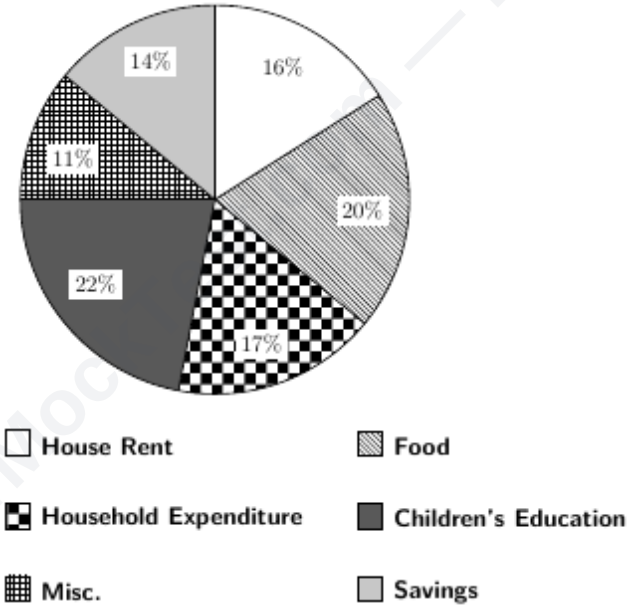
(a) 24 litres
(b) 28 litres

(c) 26 litres
(d) 22 litres

Q69. The radius of a spherical balloon increase from 6 cm to 10 cm when more air is pumped into it. The ratio in the surface area of the original balloon and the inflated balloon is:

(a) 4 : 5
(b) 27 : 125
(c) 3 : 5
(d) 9 : 25

Q70. The Gupta family spends their monthly income on different heads as shown in the following pie chart.



What is the central angle of the combined section for House Rent and Savings?

(a) 30°
(b) 100°
(c) 90°
(d) 108°

Q71. In a school, some students from section A were shifted to section B of Class X, and thereby, the number of students in section B increased by 12%. But at a later stage, all of them were shifted back to section A. By that percentage (correct up to two decimal places) did the number of students of section B decrease?

(a) 12%
(b) 10.71%
(c) 11%
(d) 0%

Q72. For a 14-day camp, sufficient supplies are available for 300 people. 50 more people arrive on day 1 itself. For how many days will these supplies be sufficient for all these people?

(a) 12
(b) 11
(c) 10
(d) 13

Q73. Two dealers offer an item at the same marked price, Rs. 2,000. Due to the festive season, the first dealer allows successive discounts of 25% and 15%, and the other dealer allows successive discounts of 10% and 30%. At what price is the item available in the better offer?

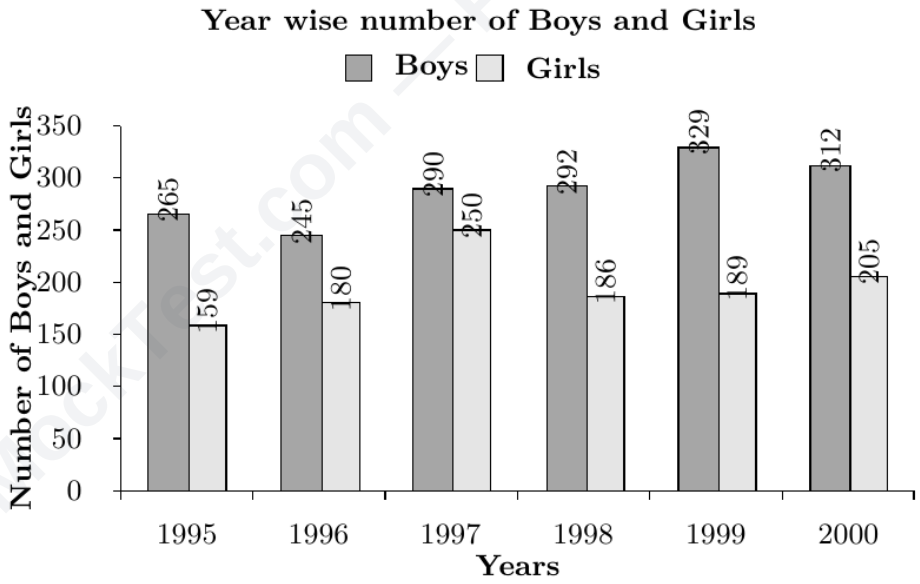
(a) Rs. 1,275
(b) Rs. 1,250
(c) Rs. 1,260

(d) Rs. 1,255

Q74. The sum of two numbers is 140. If their LCM is 240 and HCF is 20, then find the smaller number.

(a) 60
(b) 140
(c) 20
(d) 80

Q75. The record of the enrollment of boys and girls in a school over 6 years has been presented in the following bar graph.



In which year was the total enrollment the minimum?

(a) 2000
(b) 1996
(c) 1995
(d) 1998

GENERAL AWARENESS

Q76. The capital of the British Indian Empire was transferred from Calcutta to Delhi in:

(a) 1911
(b) 1905
(c) 1907
(d) 1909

Q77. Meenakshi Srinivasan is an exponent of which of the following dance forms?

(a) Kathakali
(b) Bharatnatyam
(c) Kuchipudi
(d) Kathak

Q78. Which of the following teams won the 2019 Indian Premier League (IPL) cricket tournament?

(a) Royal Challengers Bangalore
(b) Mumbai Indians
(c) Chennai Super Kings
(d) Kolkata Knight Riders

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Q79. Which of the following processes converts liquid directly into its vapour form?

(a) Evaporation
(b) Sublimation
(c) Condensation
(d) Vaporisation

Q80. Who among the following was the first Finance Minister of independent India?

(a) RK Shanmukham Chetty
(b) TT Krishnamachari
(c) Syama Prasad Mukherjee
(d) Jagjivan Ram

Q81. Who among the following was appointed as the Chief Information Commissioner (CIC) in March 2020?

(a) Ajay Bhusan Pandey
(b) Satish Kumar Sharma
(c) Amita Pandove
(d) Bimal Julka

Q82. LAC (Line of Actual Control) is the effective border between India and:

(a) Bangladesh
(b) Myanmar
(c) Afghanistan
(d) China

Q83. Under the Prime Minister Mudra Yojna, loans for income generating activities up to_____ are termed as Shishu loans.

(a) Rs. 50,000
(b) Rs. 75,000
(c) Rs. 60,000
(d) Rs. 40,000

Q84. Which of the following states has the highest number of Legislative Assembly (Vidhan Sabha) Constituencies?

(a) Rajasthan
(b) Maharashtra
(c) Uttar Pradesh
(d) Madhya Pradesh

Q85. In which year was the Securities Appellate Tribunal (SAT) established in India?

(a) 1990
(b) 1992
(c) 1994
(d) 1997

Q86. Who among the following won the Sahitya Akademi Award 2019 in the English non-fiction category?

(a) Roshani Chokshi
(b) Shashi Tharoor
(c) Raghu Karnad
(d) Amitabha Bagchi

Q87. What was the literacy rate of India as per the Census of 2011?

(a) 72.0%
(b) 61.0%
(c) 74.0%
(d) 81.5%

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Q88. Which of the following is an example of an infectious disease?

(a) Tuberculosis
(b) Dementia
(c) Pulmonary hypertension
(d) Diabetes

Q89. Which of the following statements is correct?

(a) Twelve members of the Rajya Sabha are nominated by the Chairman of the Rajya Sabha.
(b) Twelve members of the Rajya Sabha are nominated by the President.
(c) Fifteen members of the Rajya Sabha are nominated by the prime Minister.
(d) Fifteen members of the Rajya Sabha are nominated by the President.

Q90. Which of the following types of mirrors show lateral inversion of light?

(a) Convex mirror
(b) Concave mirror
(c) Rectangle mirror
(d) Plane mirror

Q91. In which of the following parts of the human body is the masseter muscle located?

(a) Hand
(b) Thigh
(c) Jaw
(d) Chest

Q92. Who among the following founded the organisation 'East India Association'?

(a) Gopal Krishna Gokhale
(b) George Yule
(c) Womesh Chandra Bonnerjee
(d) Dadabhai Naoroji

Q93. SC Jamir, one of the recipients of the Padma Bhushan 2020 award, received the award for his contribution in:

(a) Public Affairs
(b) Trade and Industry
(c) Art
(d) Literature and Education

Q94. Which among the following is NOT one of the four locations of the 'Kumbh Mela'?

(a) Ujjain
(b) Haridwar
(c) Prayagraj
(d) Varanasi

Q95. Who won Tour de France in 2020?

(a) Sepp Kuss
(b) Rudy Molard
(c) Romain Sicard
(d) Tadej Pogacar

Q96. Where did Lord Mahavira attain salvation?

(a) Sonagiri
(b) Pavapuri
(c) Shravanabelagola
(d) Mount Abu

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Q97. The index titled SENSEX of BSE (erstwhile Bombay Stock Exchange) is an index of trading of top _____ companies in terms of their volume of trade share prices.

(a) ten
(b) thirty
(c) hundred
(d) fifty

Q98. The First Buddhist Council is said to have been patronised by:

(a) Porus
(b) Ashoka
(c) Ajatashatru
(d) Chandragupta Maurya

Q99. The Deccan Plateau is a triangular shaped plateau and is bounded by the _____ range in the North.

(a) Arravalis
(b) Satpura
(c) Western Ghats
(d) Vindhya

Q100. Which of the following causative agents causes the disease 'kala-azar'?

(a) Bacteria
(b) Fungus
(c) Protozoa
(d) Virus

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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