SSC MTS Previous Year Paper (Held on: 2 Nov 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 synonym of the given word.

FASCINATE

(a) Reject
(b) Captivate
(c) Repel
(d) Love

Q2. Select the INCORRECTLY spelt word.

(a) Pastor
(b) Paste
(c) Prevelent
(d) Prudent

Q3. Select the most appropriate word to fill in the blank.

In the absence _____ any evidence the police let the suspect go scot free.

(a) of
(b) from
(c) in
(d) by

Q4. Identify the segment in the sentence which contains a grammatical error.

Avoid the puddles caused by the downpour was quite a problem while I was driving.

(a) Avoid the puddles
(b) was quite a problem
(c) while I was driving
(d) caused by the downpour

Q5. Select the most appropriate synonym of the given word.

FOMENT

(a) Incite
(b) Inspire
(c) Imply
(d) Ignore

Q6. Identify the segment in the sentence which contains a grammatical error.

Every country tries to do its good at the Olympic games as they are held in great prestige.

(a) they are held
(b) Every country
(c) its good
(d) tries to do

Q7. Select the most appropriate ANTONYM of the given word.

FARSIGHTED

(a) Cautious
(b) Proactive
(c) Unwise
(d) Careful

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

There were many students _____ all the answers.

(a) those knew
(b) that knows
(c) who knowing
(d) who knew

Q9. Select the most appropriate meaning of the given idiom.

He who laughs last laughs loudest

(a) Success in early life ensures success later also
(b) He who laughs last has more energy
(c) The person who understands the joke late laughs loudest
(d) He who focuses on winning in the long term is successful

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

ABANDON

(a) Abhor
(b) Agree
(c) Abolish
(d) Support

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

The new recruit was _____ to impress his superiors.

(a) sincere
(b) cordial
(c) eager
(d) intend

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

A group of wolves

(a) Pack
(b) Flock
(c) Troop
(d) Tribe

Q13. Select the word which means the same as the group of words given.

Scientific study of the nervous system and brain.

(a) Neuroscience
(b) Nephrology
(c) Cardiology
(d) Psychology

Q14. Select the INCORRECTLY spelt word.

(a) Pomegranate
(b) Practice
(c) Pnemonia
(d) Platter

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Q15. 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'.

My parents usually go for a walk before they go to bed.

(a) usual went
(b) No substitution required
(c) are usually going
(d) were usually gone

Q16. Identify the segment in the sentence which contains a grammatical error.

The old lady finds it difficult to climb the steep steps of the train and asked for help.

(a) finds it
(b) of the train
(c) the steep steps
(d) difficult to climb

Q17. 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'.

India's market for electronic goods is one of the large market in the world.

(a) ones of the largest market
(b) one of the largest markets
(c) No substitution required
(d) one of the larger market

Q18. 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've discussed all the options with you. There are no more options available for you.

(a) not more
(b) none more
(c) any more
(d) No substitution required

Q19. Select the most appropriate meaning of the given idiom.

Much ado about nothing

(a) Doing a lot and getting nothing in return
(b) Making a big fuss over a small thing
(c) Nothing happening without work
(d) Doing nothing in return

Q20. Select the most appropriate word to fill in the blank.

He was unpopular with his team as he was a scheming and _____ person.

(a) willing
(b) conniving
(c) helpful
(d) honest

Directions

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

The coronavirus (1)_____ mostly through droplets that people send (2)_____ when they talk, sneeze, or cough. These usually don't stay in the air (3)_____ and they don't go farther than six feet. But the coronavirus might also travel (4)____ tiny aerosol particles that can linger in the air for up to three hours and travel father away. You might also catch the coronavirus if you touch something an infected person (5)_____ and then touch your eyes, nose or mouth.

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

(a) goes
(b) prepares
(c) spreads
(d) expands

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

(a) out
(b) apart
(c) in
(d) away

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

(a) any longer
(b) too long
(c) for long
(d) in long

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

(a) through
(b) for
(c) to
(d) of

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

(a) are touching
(b) has touched
(c) is touch
(d) would be touch

GENERAL INTELLIGENCE & REASONING

Q26. If STRICTURE is coded as TSUTCIRER, then how would INCULCATE be coded?

(a) NIUCCLAT
(b) NIACLUCET
(c) NIALCCUET
(d) CNICLUETA

Q27. Which number will replace the question mark (?) in the following number series?

5, 4, 6, 15, 56, ?

(a) 195
(b) 200
(c) 275
(d) 330

Q28. If the signs - and ÷ are interchanged, then which of the following equations would be correct?

(a) 8 × 12 - 6 ÷ 3 = 12
(b) 12 ÷ 4 × 3 - 6 = 10
(c) 4 - 8 × 16 ÷ 4 = 6
(d) 8 + 12 - 6 ÷ 3 = 9

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Q29. If BANKER is coded as CAMKFR, then how would INDIAN be coded?

(a) JNEIBM
(b) JNCIBN
(c) HMCIZM
(d) JMCIZL

Q30. Select the number-pair in which the two numbers are related in the same way as the two numbers of the pair given below.

10 : 24

(a) 140 : 165
(b) 48 : 99
(c) 50 : 80
(d) 70 : 120

Q31. Eight friends A, B, C, D, E, F, G and H are sitting around a square table facing the centre. One pair of the person are sitting each side of the table and no person is sitting at corner.

i. B is facing D and is sitting to the right of E.

ii. F, who is neighbour of D, is facing G.

iii. There are two persons between C and H, and H is not facing E.

Who might be sitting between C and E, if there is only person between them?

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

Q32. If BANK is coded as 32 and BRAKE is coded as 42, then how would CLEVER be coded?

(a) 66
(b) 68
(c) 75
(d) 71

Q33. A medical representative visited the doctors P, Q, R, S, T, and U from Monday to Saturday - only one doctor per day.

i. He visited U on some day before visiting R and T.

ii. He visited P on the previous day of visiting S, but not on Thursday.

iii. He did not visit either Q or S on the last day.

iv. He visited Q just after U, but not on Tuesday.

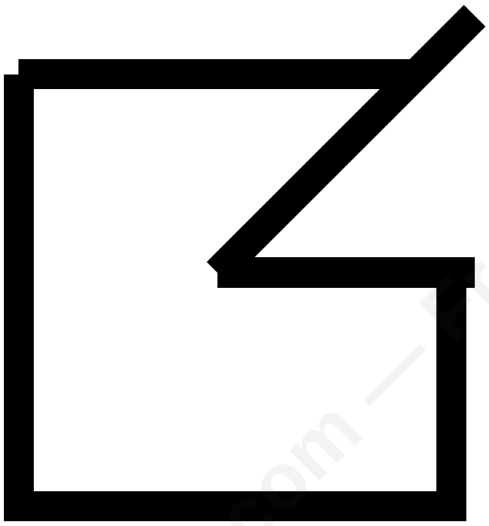
v) He visited U on Wednesday and T on the Last Day.

Which are the two doctors he visited on the first two days?

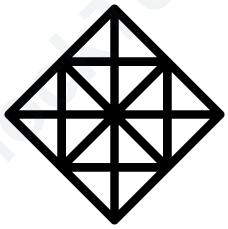
(a) S and U
(b) U and Q
(c) P and U
(d) P and S

Q34. Select the option figure in which the given figure is embedded (rotation is NOT allowed).

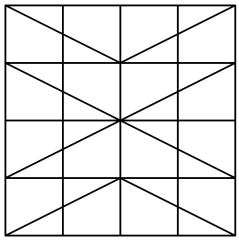
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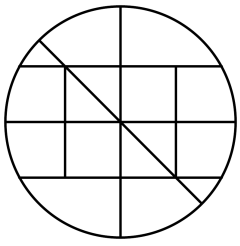
(a)



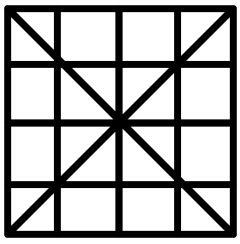
(b)



(c)



(d)



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Q35. 'Track' is related to 'Athlete' in the same way as 'Classroom' is related to '_____'.

(a) Student
(b) Teaching
(c) Study
(d) School

Q36. Two statements are followed by two conclusions numbered I and II. Assuming the statements to be true even it they do not conform to real-world knowledge, decide which of the conclusion(s) logically follows/follow from the statements

Statements:

1. Some plants are trees.

2. All herbs are plants.

Conclusions:

I. Some plants are herbs.

II. All herbs are trees is a possibility.

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

Q37. 'Entertainment' is related to 'Television' in the same way as 'Warmth' is related to '_____'.

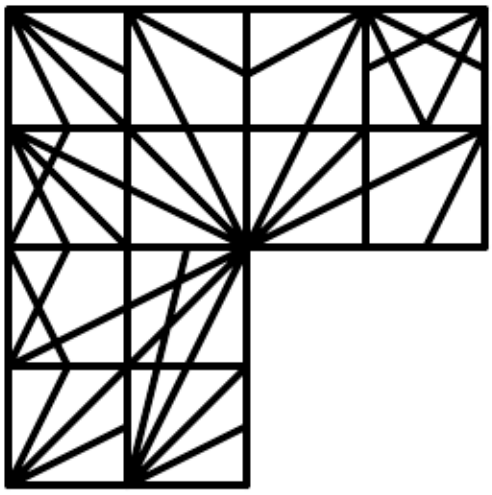
(a) Temperature
(b) Proximity
(c) Woollens
(d) Day

Q38. Which letter-cluster will replace the question mark (?) in the following series?

CED, FJH, KQN, ?, AKF

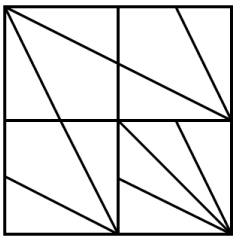
(a) SZT
(b) QZV
(c) RZV
(d) RXU

Q39. Select the option figure, which when placed in the blank space of the figure marked 'X', would complete the pattern.

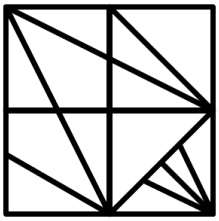


(X)

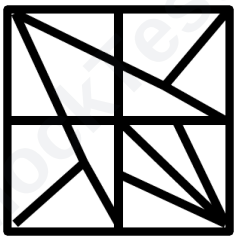
(a)



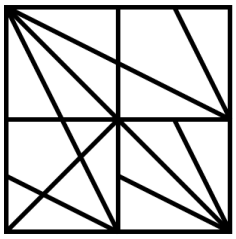
(b)



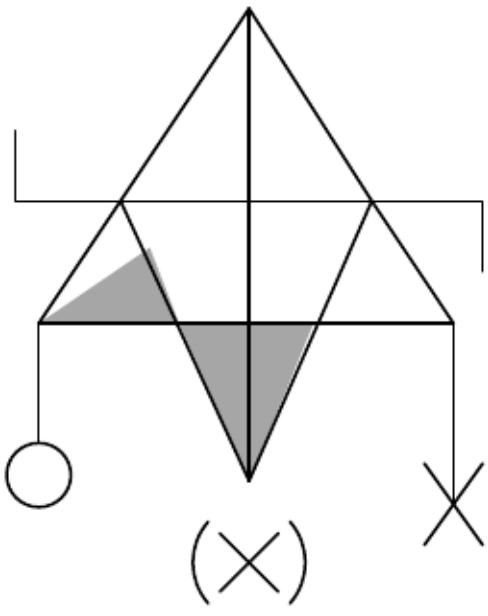
(c)



(d)

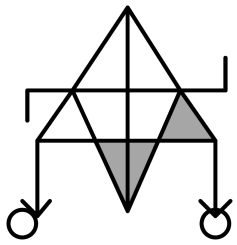


Q40. Select the mirror image of the figure marked 'X', when mirror is placed on the right side of the figure.

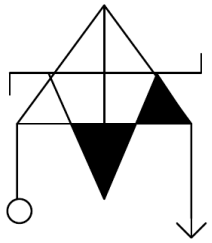


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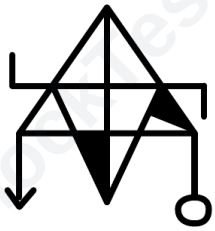
(a)



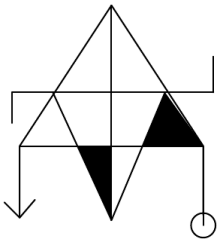
(b)



(c)



(d)



Q41. Six girls are sitting in a row facing North.

i. Navika is to the immediate left of Seema, whose neighbour is Sabnam.

ii. Hima is sitting at one end of the row, but not Sabnam.

iii. Rupali is between Vinita and Navika.

Who is sitting at the other end of the row?

(a) Navika
(b) Vinita
(c) Rupali
(d) Seema

Q42. Choose the set of numbers that is similar to the following set.

{16, 30, 36}

(a) {12, 24, 32}
(b) {14, 32, 48}
(c) {16, 48, 64}
(d) {9, 24, 25}

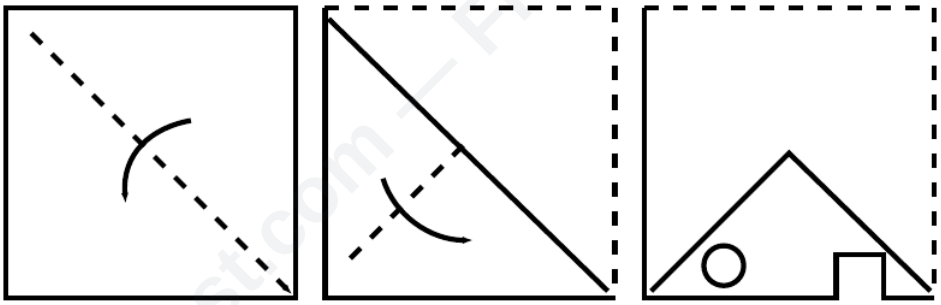
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Q43. Which two signs should be interchanged to make the given equation correct?

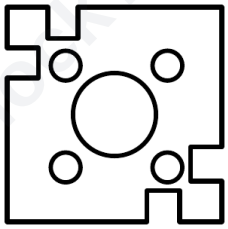
12 ÷ 2 × 6 + 4 - 2 = 13

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

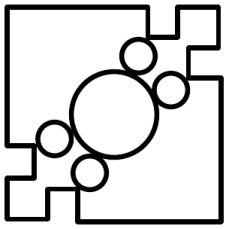
Q44. The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the three figures below. How would the paper look when unfolded?



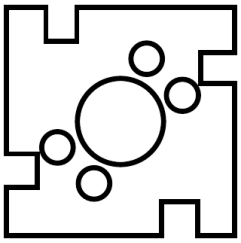
(a)



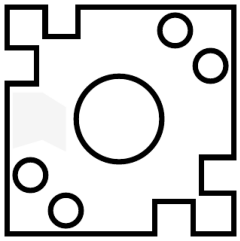
(b)



(c)



(d)

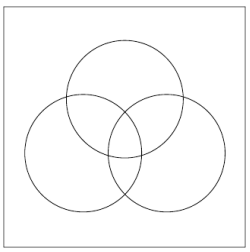


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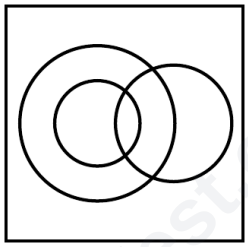
Q45. Select the Venn diagram that best illustrates the relationship among the following classes.

Black-haired people, Tall persons, Weightlifters

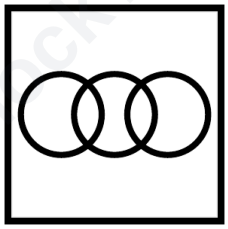
(a)



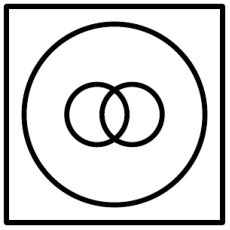
(b)



(c)



(d)



Q46. Select the option that is related to the third letter-cluster in the same ways as the second letter-cluster is related to the first letter-cluster.

GILP : TPMK :: DGKP : ?

(a) WURN
(b) WRNK
(c) WTPK
(d) VQMJ

Q47. If ACTOR is coded as 86739, then how would SPREAD be coded?

(a) 829485
(b) 179514
(c) 718374
(d) 819263

Q48. Which number will replace the question mark (?) in the following number series?

5, 7, 9, 11, 18, ?, 34, 35, 59, 67

(a) 19
(b) 27
(c) 17

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(d) 21

Q49. 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 conclusion(s) logically follows/follow from the statements.

Statements:

1. No cup is a plate.
2. All plates are cutleries.
3. No cutlery is a spoon.

Conclusions:

I. Some cutleries are plates.

II. No cutlery is a cup.

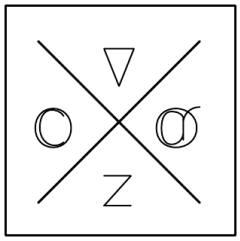
III. Some spoons being cups is a possibility

(a) Only conclusions II and III follow
(b) Only conclusion III follows
(c) Only conclusions I and III follow
(d) All conclusions I, II and III follow

Q50. Which option figure would come next in the following figure series?



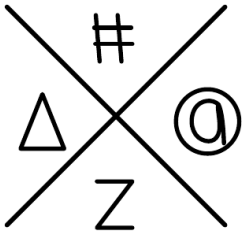
(a)



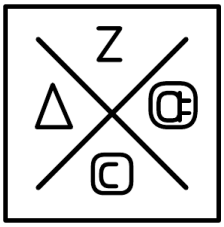
(b)



(c)



(d)



NUMERICAL APTITUDE

Q51. The value of 16 + [0.2 ÷ 0.004 + 5.2 of 2 ÷ (0.7 × 2 + 0.84 ÷ 0.7)] is :

(a) 75
(b) 65
(c) 60
(d) 70

Q52. What is the value of the following expression?

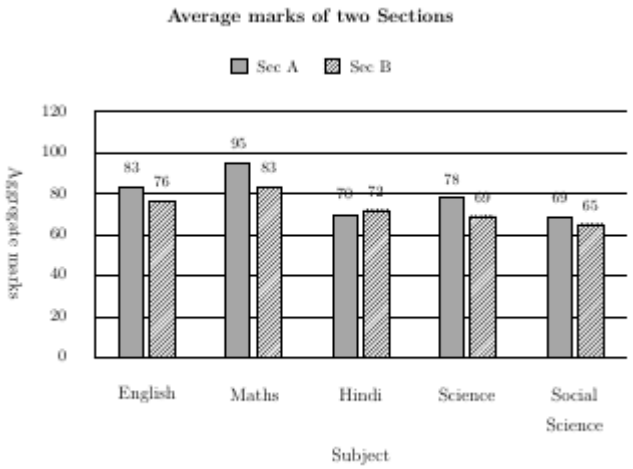
108 ÷ 18 × 3 - 64 × 2 ÷ 32 + 80 ÷ 5 of 4

(a) 78
(b) 62
(c) 2
(d) 18

Q53. A room has length 15 feet, width 12 feet and height 10 feet. It has one door of dimensions 8 ft and 3.5 ft, and 2 windows of size 5 ft × 3 ft. Find the cost of painting the four walls and the ceiling at Rs. 50 per ft².

(a) Rs. 19,600
(b) Rs. 21,200
(c) Rs. 24,100
(d) Rs. 33,100

Q54. The average marks of the students of section A and section B of class XI in a school have been presented in the following bar graph.



In which subject is difference in the average marks of the two sections the highest?

(a) English
(b) Maths
(c) Science
(d) Social Science

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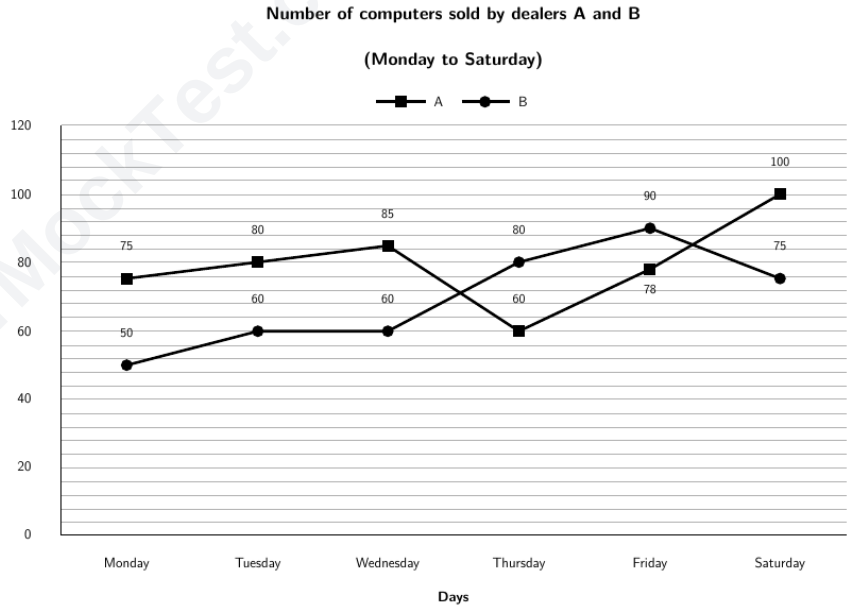
Q55. Sushant, buys goods worth Rs. 8,000. He gets a discount of 10% on that article. After getting the exemption, he pays tax at the rate of 7.5%. Find the amount that he will have to pay for this item received at his residence, if the shopkeeper charges Rs.200 for home delivery. Takes.

(a) Rs. 7,940
(b) Rs. 8,155
(c) Rs. 9,660
(d) Rs. 6,851

Q56. A bucket in the shape of the frustum of a cone has its top and bottom radii as 20 cm and 10 cm, respectively. The depth of the bucket is 24 cm. The capacity of the bucket is: (Take π = 22/7)

(a) 8800 cm^3
(b) 13200 cm^3
(c) 17000 cm^3
(d) 17600 cm^3

Q57. Study the given graph and answer the question that follows.



What is the difference between the total number of computers sold by dealer A on Monday, Tuesday and Friday and total number of computers sold by dealer B on Wednesday, Thursday and Saturday?

(a) 24
(b) 18
(c) 21
(d) 17

Q58. If x : y = 5 : 7, then (6x - y) : (5x + 3y) is equal to:

(a) 1 : 4
(b) 11 : 2
(c) 4 : 1
(d) 1 : 2

Q59. A shopkeeper earns 25% profit, if he sells an article at 10% discount on the marked price Rs. 2,500. Find his profit.

(a) Rs. 450
(b) Rs. 400
(c) Rs. 375
(d) Rs. 350

Q60. A truck driver has to cover a total distance of 260 km in 4 hours. He drives at a speed of 56 km/h for the first 75 minutes, and the next 90 km at a speed of 60 km/h. At what speed (in km/h) must he drive the remaining distance in order to complete the journey in 4 hours?

(a) 65
(b) 58
(c) 80
(d) 75

Q61. If a man completes 3/7 work in 6 days, then how many more days will he require for completing the remaining work?

(a) 8
(b) 14
(c) 9
(d) 7

Q62. Find the smallest number such that when it is divided by 5, 6 and 8 it leaves a remainder 3 in each case.

(a) 243
(b) 123
(c) 117
(d) 792

Q63. The average of the square of first seven natural numbers is:

(a) 16
(b) 29
(c) 25
(d) 20

Q64. The average of three numbers is 45. The first number is thrice the second, and the second number is twice the third. Find the difference between the first number and the second number.

(a) 75
(b) 45
(c) 60
(d) 15

Q65. Shekhar walked a distance at a speed of 8 km/h. He was in a hurry, so on the return journey he travelled in an autorickshaw at a speed of 24 km/h. Find his average speed for the entire journey.

(a) 20 km/h
(b) 32 km/h
(c) 12 km/h
(d) 16 km/h

Q66. If a sum increases by 21% after 2 years, then the rate of compound interest per annum, when compounded annually, must be:

(a) 10.5%
(b) 11.5%
(c) 10%
(d) 11%

Q67. A shopkeeper purchased 20 dozen pens at the rate of Rs. 190 per dozen, and spent Rs. 200 as to and for expenses to the wholesale market. He sold the pens at the rate of Rs. 22/pen. Find his profit percentage.

(a) 3818/19 %
(b) 20%
(c) 22%
(d) 32%

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Q68. Ratio between average of first four prime numbers and first four composite numbers is

(a) 13 : 10
(b) 17 : 27
(c) 11 : 27
(d) 17 : 19

Q69. A container has 30 litres of milk, from which 3 litres of milk is taken out and replaced with water. The process is done three times. What is the final ratio of the water and the milk in the container?

(a) 729 : 271
(b) 19 : 81
(c) 81 : 19
(d) 271 : 729

Q70. Two kinds of rice, the first costing Rs. 65 per kg and the second Rs. 95 per kg, are mixed together. Find the ratio in which the 2 types are mixed so that the mixture costs Rs. 83 per kg.

(a) 19 : 13
(b) 13 : 19
(c) 2 : 3
(d) 3 : 2

Q71. 6 men and 10 boys, as well as 2 men and 20 boys can finish the same work in 12 days. In how many days will 10 boys finish the same work?

(a) 24
(b) 26
(c) 16
(d) 30

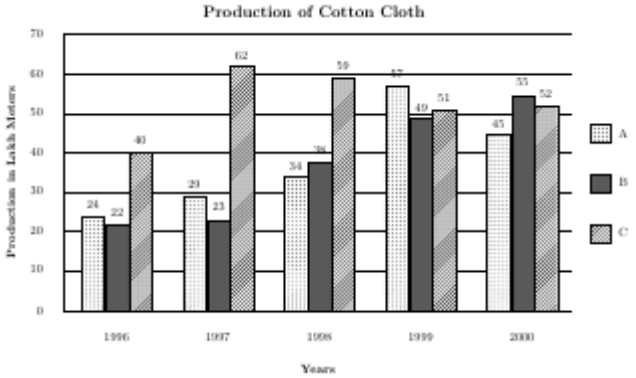
Q72. During festivals, a banner on a shop displays, 'Pay for 3 and get 5'. The discount percentage offered is:

(a) 1662/3 %
(b) 60%
(c) 40%
(d) 662/3 %

Q73. A rectangle of dimensions 10 cm and 5 cm is placed adjacent to another rectangle of the same size to draw an L shape figure. Find the perimeter of the shape so formed.

(a) 100 cm
(b) 40 cm
(c) 50 cm
(d) 60 cm

Q74. The following graph shows the production of cotton cloth (in lakh metres) by three companies A, B and C over five years.



In which years was the average production of the companies, more than 38 lakh metres?

(a) 1997, 1998, 1999, 2000

(b) 1998, 1999, 2000
(c) 1997
(d) 1999

Q75. The simple interest on a sum of Rs. 15,000 at the end of 5 years is Rs. 9,750. If the rate of interest is 3% lesser, then the interest would be
(a) Rs. 7,950
(b) Rs. 5,850
(c) Rs. 3,250
(d) Rs. 7,500

GENERAL AWARENESS

Q76. Fundamental Duties of citizens were added to the Constitution of India in the year _____.
(a) 1976
(b) 1983
(c) 1967
(d) 1951

Q77. The Union Budget, 2020-21, allocated Rs. _____ crores for the Swachh Bharat Mission.
(a) 3,100
(b) 8,200
(c) 12,300
(d) 15,700

Q78. Burning of coal is a _____ reaction.
(a) Displacement
(b) Decomposition
(c) Combination
(d) Double displacement

Q79. The Khalji Dynasty ruled over Delhi from _____.
(a) 1290 to 1320
(b) 1206 to 1290
(c) 1320 to 1414
(d) 1414 to 1451

Q80. The human shoulder joint is an example of a _____ joint.
(a) fixed
(b) pivotal
(c) hinge
(d) ball and socket

Q81. As per Section 2 of the Antiquities and Art Treasures Act, 1972, 'Antiquities' include 'any manuscript, record or another document which is scientific, historical, literary or aesthetic value and which has been in existence for not less than _____ years'.
(a) 125
(b) 150
(c) 50
(d) 75

Q82. The first printed edition of the Ramcharitmanas by Tulsidas was published from _____ in 1810.
(a) Delhi
(b) Calcutta/Kolkata
(c) Madras/Chennai

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(d) Bombay/Mumbai

Q83. Plants release water into the air by the process of _____.

(a) photoperiodism
(b) transpiration
(c) photosynthesis
(d) tropism

Q84. Which of the following folk songs and dances was inscribed on the UNESCO Representative List of the Intangible Cultural Heritage of Humanity in 2010?

(a) Gair
(b) Chari
(c) Kalbelia
(d) Bhavai

Q85. Which of the following is the only Indian spinner to take six wickets in Women's One Day International Cricket?

(a) Poonam Yadav
(b) Deepti Sharma
(c) Shafali Verma
(d) Smriti Mandhana

Q86. Which of the following statements about the river Brahmaputra is INCORRECT?

(a) It rises in Tibet.
(b) It flows eastwards parallel to the Himalayas.
(c) Most of its courses lies outside India.
(d) It enters India in Arunachal Pradesh where it is called the Dibang.

Q87. 'Nagara' temples typically have a _____ style of architecture.

(a) South Indian
(b) East Indian
(c) North Indian
(d) mixed

Q88. Willy Wonka is a fictional character from the children's storybook '_____'.

(a) Alice's Adventure in Wonderland
(b) Charlie and the Chocolate Factory
(c) Matilda
(d) Charlotte's Web

Q89. Bombay Stock Exchange is the _____ stock exchange of Asia.

(a) first
(b) second
(c) fourth
(d) third

Q90. Which of the following options is INCORRECTLY paired?

(a) Guavas - Telangana
(b) Apples - Himachal Pradesh
(c) Oranges - Nagpur
(d) Banana - Kerala

Q91. Mando is a form of a folk song from the state of _____.

(a) Bihar
(b) Manipur
(c) Goa

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(d) Rajasthan

Q92. Article _____ of the Constitution of India deals with 'Proclamation of Emergency'.

(a) 235
(b) 352
(c) 325
(d) 253

Q93. Generally, a steep hill with an elevation of more than _____ metres is classified as a mountain.

(a) 600
(b) 500
(c) 1000
(d) 800

Q94. Chola inscriptions describe Tirunamattukkani as '_____'.

(a) land gifted to Brahmanas
(b) land of non-Brahmana peasant proprietors
(c) land donated to Jaina institutions
(d) land gifted to temples

Q95. Who won a gold medal for weightlifting at the '6th Qatar International cup' in Doha?

(a) Manon Lorentz
(b) Saikhom Mirabai Chanu
(c) Anais Michel
(d) Jeremy Lalrinnunga

Q96. Which part of the digestive system receives secretions from the liver and the pancreas?

(a) Large intestines
(b) Stomach
(c) Gall bladder
(d) Small intestines

Q97. Who among the following was a saint from Maharashtra?

(a) Dadu Dayal
(b) Chokhamela
(c) Bhakhan
(d) Sundar Das

Q98. Which of the following is a site of archaeological importance in Jammu and Kashmir?

(a) Maski
(b) Burzahom
(c) Brahmagiri
(d) Watkal

Q99. Under which of the following schemes has a new institution been set up by the Government of India for development and refinancing activities relating to micro units?

(a) Pradhan Mantri Mudra Yojana
(b) Pradhan Mantri Ayushman Bharat Yojana
(c) Pradhan Mantri Suraksha Bima Yojana
(d) Pradhan Mantri Jan Dhan Yojana

Q100. According to Dalton's atomic theory, atoms combine in the ratio of small whole numbers to form _____.

(a) neutrons
(b) molecules
(c) protons

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(d) compounds

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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