SSC MTS Previous Year Paper (Held on: 6 Oct 2021 Shift 3)

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

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GENERAL ENGLISH

Q1. Select the most appropriate one-word substitution for the given group of words.

A person who remains unmoved and unaffected by other people's opinions, suggestions

(a) Irresponsible
(b) Unreliable
(c) Imprudent
(d) Impervious

Q2. Select the most appropriate option to fill in the blank.

_____ entering the hall, please turn off your mobile phones.

(a) Previous
(b) Ahead
(c) Earlier
(d) Before

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

With your new credit card, you can _____ up to Rs. 20,000 in a day.

(a) withdraws
(b) withdraw
(c) withdrew
(d) withdrawn

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’.

I'm certain go to start studying from today.

(a) certainly going
(b) certain going
(c) certainly go
(d) No substitution required

Q5. Select the INCORRECTLY spelt word.

(a) Decorative
(b) Ornamental
(c) Extravagent
(d) Elaborate

Q6. Select the most appropriate meaning of the given idiom.

Over the moon

(a) Highly imaginative
(b) Extremely happy
(c) Very ambitious
(d) Very unrealistic

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Q7. Identify the segment in the sentence which contains a grammatical error.

Slowly the dog, Spot, went towards it and pounced up the rat.

(a) went towards it
(b) up the rat
(c) Slowly the dog, Spot
(d) and pounced

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

Copycat

(a) One who imitates another closely
(b) One who copies all drawings of cats
(c) One who doesn't like cats as pets
(d) One who loves cats and dogs

Q9. Select the INCORRECTLY spelt word

(a) Scenic
(b) Persuasion
(c) Absense
(d) Erroneous

Q10. 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'.

There were a dozen eggs in the basket, but now there will be only six.

(a) there been
(b) there are
(c) there is
(d) No substitution required

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

They looked at each other for a moment without speaking and then fell into a _____.

(a) confidence
(b) conversation
(c) conversion
(d) conviction

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

FLIMSY

(a) Clumsy
(b) Strong
(c) Weak
(d) Tiny

Q13. Select the most appropriate synonym of the given word.

GRACEFUL

(a) friendly
(b) pleasant
(c) elegant
(d) dangerous

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

Vijaya saw the play in a auditorium near her house.

(a) near her house
(b) Vijaya saw
(c) in a auditorium

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(d) the play

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

Half-way _____ the two towns, there was a mountain which had to be crossed.

(a) around
(b) on
(c) between
(d) within

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

FLUORESCENT

(a) flowery
(b) perfumed
(c) glowing
(d) elaborate

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'.

Very soon, the people find out as the snake was harmless and the boys began to tease it mercilessly.

(a) No substitution required
(b) finding out so
(c) found out that
(d) finds out but

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

Obi wanted to continue on his idea of building a modern school.

(a) building a modern school
(b) his idea of
(c) Obi wanted
(d) to continue on

Q19. Select the most appropriate ANTONYM of the given word.

DEFENCE

(a) guard
(b) protection
(c) security
(d) offence

Q20. Select the most appropriate one-word substitution for the given group of words.

A boat or ship for conveying passengers and goods, especially over a relatively short distance and as a regular service

(a) Dinghy
(b) Freighter
(c) Submarine
(d) Ferry

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.

Long ago in China, at a time when girls (1)____ expected to stay at home and (2)__ household work while the boys (3)__ to school, a girl named Zhu had a desire (4)__ study. Her family was wealthy and Zhu was (5)____ so she too could have had her wish, but her father did not want to go against tradition.

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

(a) will
(b) are
(c) were
(d) be

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

(a) teach
(b) do
(c) make
(d) produce

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

(a) went
(b) goes
(c) go
(d) going

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

(a) at
(b) for
(c) to
(d) in

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

(a) treated
(b) prepared
(c) trained
(d) pampered

GENERAL INTELLIGENCE & REASONING

Q26. In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

All Toms are Jerrys.

Some Jerrys are Mickeys.

Conclusions:

I. Some Toms are Mickeys.

II. Some Toms are not Mickeys.

III. Some Jerrys are Toms.

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

Q27. Which letter-cluster will replace the question mark (?) in the following letter-cluster series?

GJM, QTW, ADG, ?

(a) KNQ
(b) JNR
(c) KOR
(d) JMP

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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:

All Eagles are Kites.

All Kites are Sparrows.

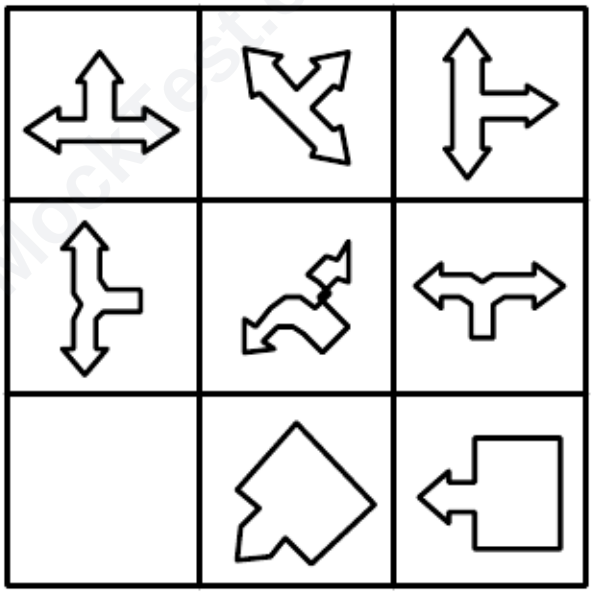
Conclusions:

I. All Sparrows are Eagles.

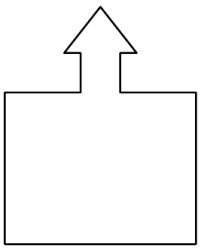
II. All Eagles are Sparrows.

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

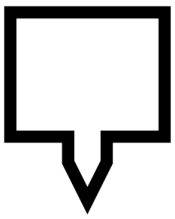
Q29. Identify the option figure that when placed in the blank space completes the pattern in the given question figure.



(a)

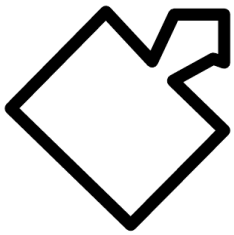


(b)

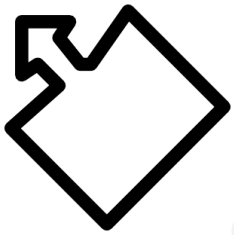


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(c)



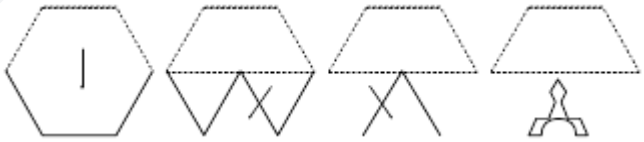
(d)



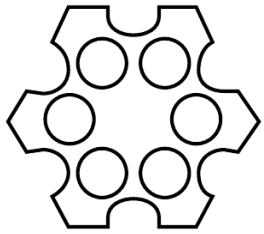
Q30. If in a coding system, ORATORY is coded as 116 and RAVENOUS is coded as 119, then how will IRIDOLOGY be coded in the same coding system?

(a) 110
(b) 114
(c) 118
(d) 116

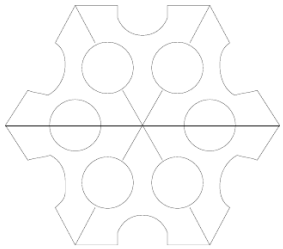
Q31. A paper is folded and cut as shown in the following figures. How will it appear when unfolded?



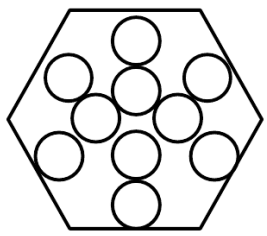
(a)



(b)

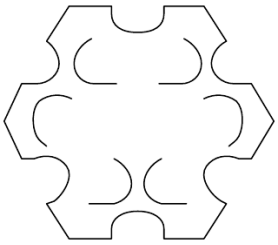


(c)



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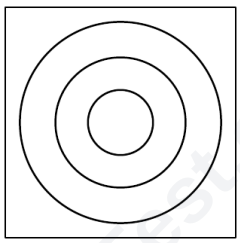
(d)



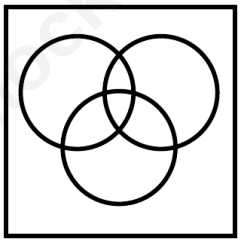
Q32. Select the Venn diagram that best illustrates the relationship between the following classes.

Village people, Educated people, Intelligent people

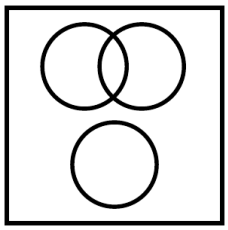
(a)



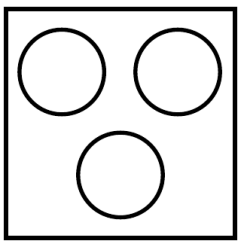
(b)



(c)



(d)



Q33. 'Young' is related to 'Age' in the same way as 'Short' is related to '_____'.

(a) Train
(b) Small
(c) Rain
(d) Period

Q34. Select the correct mirror image of the given combination when the mirror is placed to the right side of the it.

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(a)

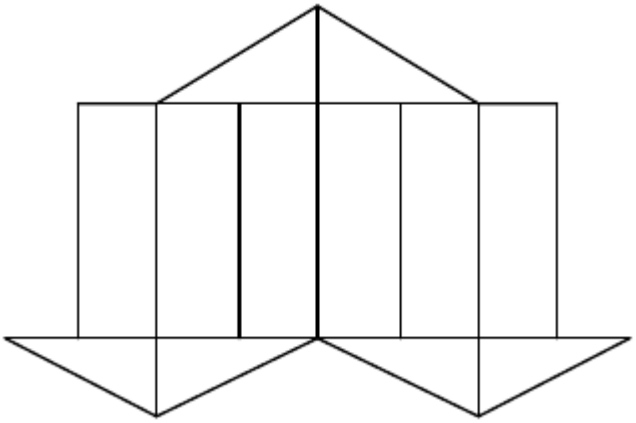
(b)

(c)

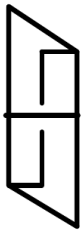
SF?Á&U

(d)

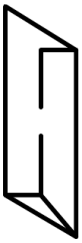
Q35. Identify the option figure which is embedded in the following figure (rotation is NOT allowed).



(a)



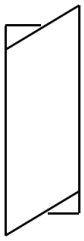
(b)



(c)



(d)



Q36. In a certain code language, if FINALIZE is written as JKRCPKDG, then how will INSIGNIA be written in the same code language?

(a) MPTMIPMG
(b) GRWGKRGY
(c) KRWKKRKC
(d) MRWMKRMG

Q37. Five persons, V, W, X, Y and Z are sitting along a round table facing the center. V is sitting 2nd to the right of W, who is 2nd to the right of X. If Y is sitting adjacent to X, then who is to the immediate left of V?

(a) W
(b) Y
(c) X
(d) Z

Q38. Which number will replace the question mark (?) in the following number series?

2, 12, 30, 56, 90, 132, ?

(a) 186
(b) 180
(c) 184
(d) 182

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Q39. In a certain code language, 12345 is coded as 182764125. How will 65428 be coded in that language?

(a) 216125648512
(b) 216125747512
(c) 21512463511
(d) 149016025

Q40. Eight students were sitting on two benches, L, M, N, O on the front bench and P, Q, R, S on the next one, but not in the same sequence. Q was sitting exactly behind M, who was sitting to the extreme right. O & P and L & S were sitting adjacent to each other in diagonally cross positions, S being on the extreme left. What was the sitting position of N?

(a) Diagonal to R
(b) Exactly in front of R
(c) Right of O
(d) Left of L

Q41. Which two digits can be interchanged so as to balance the given equation?

76 + 108 ÷ 9 – 11 × 2 = 18

(a) 2 and 7
(b) 1 and 7
(c) 6 and 2
(d) 8 and 7

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

Kohima : Nagaland :: Shillong : ?

(a) Meghalaya
(b) Odisha
(c) Sikkim
(d) Assam

Q43. Six special lectures are to be organised on Banking system, Quality circles, Work motivation, Decision making, Current affairs, and Personality development. Lectures are scheduled to be held, one lecture on each day from Monday to Sunday, as per the details given below:

1. Work motivation should be organised immediately after Decision making.

2. Quality circle should be organised on Wednesday and should not be followed by Personality development.

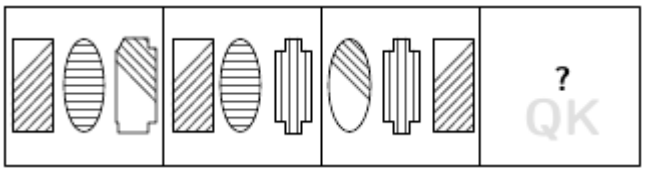
3. Decision making should be organised on Friday and there should be a gap of two days between Banking system and Current affairs.

4. On one day, other than Saturday, there should be no lecture. Current affairs should be on previous day of holiday.

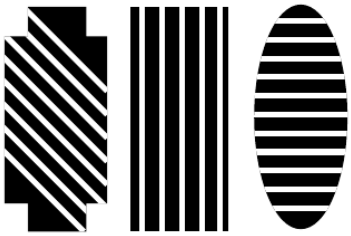
Which lecture will be organised on the first day (Monday)?

(a) Banking system
(b) Working motivation
(c) Personality development
(d) Current affairs

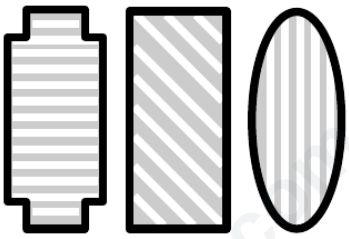
Q44. Select the option figure that will replace the question mark (?) in the following figure series.



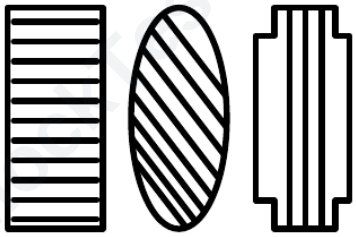
(a)



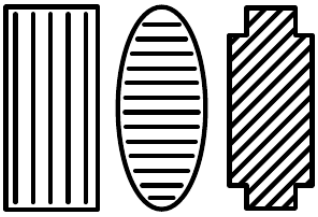
(b)



(c)



(d)



Q45. If in a coding system, HOUSE is coded as 340 and FOETUS is coded as 516, then how will CONSENT be coded in the same coding system?

(a) 455
(b) 630
(c) 360
(d) 542

Q46. In a certain code language, if HARIDWAR is written as FCPKBYYT, then how will BIKANER be written in the same code language?

(a) ZKICLGP
(b) AGIALCP
(c) KIBNARE
(d) DKMCPGT

Q47. Select the correct sequence of mathematical signs to sequentially replace the A, B, C, D and E so as to balance the given equation.

38 A 56 B 8 C 15 D (36 E 28) = 151

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

Q48. 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.

ORGANZA : LJTAMBZ :: TEMPLATE : ?

(a) FFNQMZHV
(b) GWNLOAGW
(c) GFMQLZGV
(d) QBJMIXQB

Q49. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

9	**7**	**79**
7	8	71
6	9	?

(a) 69
(b) 66
(c) 74
(d) 71

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

86, 74, 84, 76, ?, 78, 80

(a) 84
(b) 78
(c) 80
(d) 82

NUMERICAL APTITUDE

Q51. If x% of 180 is 25% less than (x + 350), then 18% of (x + 50) is what percentage more than 12% of x?

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

Q52. The average of the 2-digit numbers 49, 6x, x4 and 70 is 65. What is the average of (x + 8) and (x + 12)?

(a) 16
(b) 17
(c) 18
(d) 19

Q53. 84 persons take 56 days to complete a certain task. When one-fourth of the task was completed, one-seventh of the workers left. How many days in all does it take to complete the entire task?

(a) 63
(b) 60
(c) 64
(d) 66

Q54. The amount obtained by investing a certain sum at r% p.a. for 3 years at simple interest is equal to the simple interest on the same sum at the same rate for 13 years. The value of r is:

(a) 16
(b) 8
(c) 12
(d) 10

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Q55. The value of 79 – [128 – {75 – (72 ÷ 16 × 4) + (18 ÷ 2 of 6) × 4}] is:

(a) 15
(b) 10
(c) 14
(d) 17

Q56. The average of 18 numbers is 65. The average of the first 10 numbers is 72 and that of the last 9 numbers is 58. If the 10^(th) number is excluded, then what is the average of the remaining numbers (correct to one decimal place)?

(a) 64.6
(b) 65.4
(c) 65.2
(d) 66.6

Q57. The ratio of A and B is 2 : 3, and B is 8 more than A. If a certain number k is added to each of A and B, then the ratio becomes 7 : 9. The value of k is:

(a) 12
(b) 16
(c) 10
(d) 8

Q58. Pipes A and B can fill a tank in 8 hours and 12 hours, respectively. C is an outlet pipe. When all the three are opened together, the tank is filled in 131/3 hours. C alone can empty the full tank in:

(a) 61/2 hours
(b) 71/2 hours
(c) 8 hours
(d) 6 hours

Q59. A sum of Rs. 3,780 is divided between A, B and C such that if their shares are decreased by Rs. 130, Rs. 150 and Rs. 200, respectively, then they are in the ratio of 5 : 2 : 4. What is the original share of C?

(a) Rs. 1,430
(b) Rs. 1,400
(c) Rs. 1,330
(d) Rs. 1,350

Q60. The ratios of acid and water in the solutions in vessels A and B are 4 : 5 and 5 : 1, respectively. A new solution is obtained by mixing 5 litres and 4 litres of the solutions from A and B, respectively. What is the ratio of acid and water in the new solution?

(a) 50 : 31
(b) 25 : 16
(c) 9 : 4
(d) 15 : 8

Q61. The value of (31/4 - 4/5of5/6)/(41/3 ÷ 1/5 - (3/10 + 211/5)) - (22/3of11/2) is:

(a) 91/2
(b) 111/2
(c) 131/2
(d) 121/2

Q62. A 270-m-long train takes 24 seconds to cross a pole. If it takes 1 minute to cross a tunnel, then the length (in m) of the tunnel is:

(a) 507
(b) 405
(c) 510
(d) 408

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Q63. A sum of Rs. 5,760 amounts to Rs. 7,200 in 4 years and to Rs. x in 12 years at a certain rate per cent per annum, when the interest is compounded yearly in both the cases. What is the value of x?

(a) 12500
(b) 11500
(c) 11250
(d) 12250

Q64. By selling a fan for Rs. 2,604, there is a loss of 7%. If it is sold for Rs. 3,094, then the profit percentage is:

(a) 10.5%
(b) 10%
(c) 12%
(d) 9.5%

Q65. What is the radius (in cm) of a circle whose areas is 217/30 times the sum of the areas of two triangles whose sides are 20 cm, 21 cm and 29 cm, and 11 cm, 60 cm and 61 cm (take π = 22/7)?

(a) 21
(b) 14
(c) 24.5
(d) 17.5

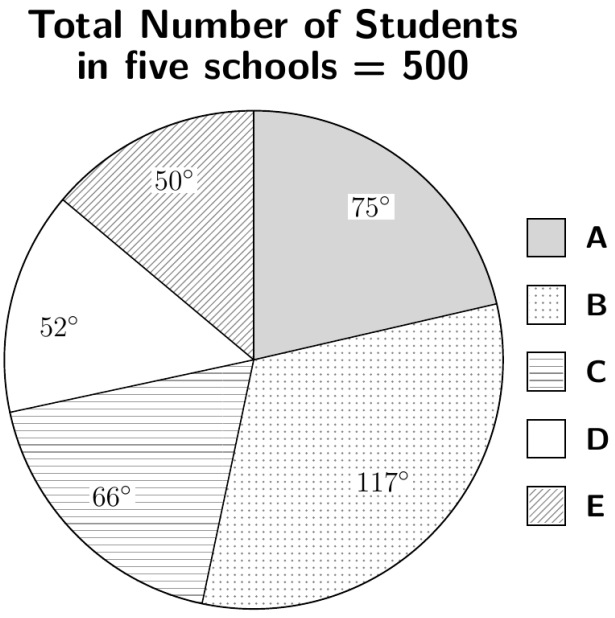
Q66. When an article is sold for Rs. 768, the profit percentage is x%. When the same article is sold for Rs. 896, the profit percentage is (x + 20)%. What is the value of x?

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

Directions

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

Break-up of the students studying in schools A, B, C, D and E managed by a society, in 2019



Q67. The ratio of the number of boys and girls in school B is 6 : 7, and 40% of the students in school D are boys. The total number of girls in school B and D is:

(a) 1413
(b) 1508
(c) 1503

(d) 1410

Q68. What is the mean of the range and median of the given data?

11, 16, 14, 7, 11, 23, 10, 30, 20, 33, 19, 12, 17, 14

(a) 25.5
(b) 20.5
(c) 24
(d) 19

Q69. A solid metal cube of edge 12 cm is immersed completely in water in a cylindrical vessel whose radius is 20 cm and height is 32 cm, and the water in the vessel is up to a height of 15 cm. The height (in cm) by which the water will rise in the vessel is (correct to one decimal place):

(a) 1.2
(b) 1.1
(c) 0.9
(d) 1.4

Q70. The difference between the number of students in school B and the total number of students in schools D and E is p. The value of p lies between:

(a) 200 and 210
(b) 210 and 220
(c) 220 and 230
(d) 230 and 240

Q71. The value of 3/7 + 1/14 × 24/5 - (1/4 ÷ 2/7of21/3) × (51/5 ÷ 31/2 × 5/13) is:

(a) 22/35
(b) 29/70
(c) 3/14
(d) 14/21

Q72. The average number of students in schools A, B, and C is how much percent more than the number of students in school E?

(a) 60 %
(b) 72 %
(c) 65 %
(d) 70 %

Q73. Let x be the smallest number between 70000 and 75000 which when divided by 225, 250 and 275 leaves remainder 61 in each case. Find the sum of the digits of x.

(a) 16
(b) 21
(c) 12
(d) 29

Q74. A man covers a certain distance with a speed of 41/6 m/sec and comes back to the starting point with a speed of 12 km/h. Find his average speed (in km/h).

(a) 131/2
(b) 121/2
(c) 101/3
(d) 131/3

Q75. A shopkeeper marks an article 24% above its cost price and allows a 15% discount on the marked price. If he earns a profit of Rs. 27 by selling the article, then the selling price of the article is:

(a) Rs. 522
(b) Rs. 508
(c) Rs. 527

(d) Rs. 517

GENERAL AWARENESS

Q76. Under the rule of which king was the Sun Temple at Konark built?

(a) Anantha Padmanbhan
(b) Samudragupta
(c) Anantavarman Chodaganga
(d) Narasimhadeva 1

Q77. Which of the following elements is NOT a component of baking soda?

(a) Oxygen
(b) Hydrogen
(c) Calcium
(d) Sodium

Q78. Ronald Reagan, the 40th President of the US, signed the largest tax cut in the history of their country in 1981. Which economic theory was this policy centered around?

(a) Kuznets Curve
(b) Lorenz Curve
(c) Sweezy's Kinked Demand Curve
(d) Laffer Curve

Q79. Who among the following developed the Cholera vaccine in 1885?

(a) Jaime Ferrán
(b) Leon Calmette
(c) Jonas Salk
(d) Edward Jenner

Q80. In which of the following cities was the Veda Samaj established in 1864?

(a) Calcutta (now Kolkata)
(b) Calicut
(c) Madras (now Chennai)
(d) Bombay (now Mumbai)

Q81. The procedure for the nomination of members to the Rajya Sabha in the Constitution of India is borrowed from which of the following countries' constitutions?

(a) Ireland
(b) The US
(c) Russia
(d) Germany

Q82. Identify the waterways which separate the Andaman and the Nicobar Islands?

(a) Palk Strait
(b) Duncan Passage
(c) Maliku Kandu
(d) Ten Degree Channel

Q83. The European Champions Cup or Heineken Cup is associated with which sport?

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

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Q84. What does Ornithology deal with?

(a) Study of birds
(b) Study of fish
(c) Study of reptiles and amphibians
(d) Study of insects

Q85. Who was the author of the book 'The Golden Threshold'?

(a) Dr. Rajendra Prasad
(b) Sarojini Naidu
(c) ZA Bhutto
(d) Jawaharlal Nehru

Q86. How many seats are allocated to Bihar in the Lok Sabha as per the statewise list of the 17th Lok Sabha?

(a) 40
(b) 48
(c) 60
(d) 78

Q87. Which of the following monuments is also known as the 'Taj of the Deccan'?

(a) Chand Minar
(b) Bibi ka Maqbara
(c) Qutb Minar
(d) Mahabat Maqbara

Q88. The Paithani saree weaving industry is in which state?

(a) Assam
(b) Maharashtra
(c) Gujarat
(d) Rajasthan

Q89. Which of the following was the first English language newspaper of India?

(a) Hicky's Bengal Gazette
(b) The Madras Courier
(c) The Bombay Herald
(d) Maratha

Q90. What is Agraphia?

(a) Loss of the ability to understand
(b) Loss of the ability to speak
(c) Loss of the ability to hear
(d) Loss of the ability to write

Q91. The two epics, 'Raghuvamsha' and 'Kumarasambhava' are works of _____.

(a) Sivananda
(b) Kalidas
(c) Ramdas
(d) Valmiki

Q92. The 'Veeragase' dance, performed during the Dusshera festival holds a special place in the folk dances of the state of _____.

(a) Assam
(b) Odisha
(c) Sikkim
(d) Karnataka

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Q93. Which of the following states has the highest coal reserve?

(a) Chhattisgarh
(b) Odisha
(c) Jharkhand
(d) West Bengal

Q94. Anjum Moudgil won the 2019 Arjuna Award for which sport?

(a) Boxing
(b) Weightlifting
(c) Shooting
(d) Cricket

Q95. 'Harshacharita' (The Deeds of Harsha), which is the biography of Indian Emperor Harsha, was written by _____.

(a) Rabindranath Tagore
(b) Banabhatta
(c) Swami Sivananda
(d) Valmiki

Q96. What does Article 360 of the Constitution of India provide with?

(a) Financial emergency
(b) Right to life
(c) Fundamental duties
(d) Right to property

Q97. When did the World Trade Organization come into existence?

(a) 2000
(b) 2005
(c) 1995
(d) 1990

Q98. Which place had water harvesting system channeling the flood water of the Ganga river in the first century B.C?

(a) Sringaverapura
(b) Kanpur
(c) Mirzapur
(d) Gorakhpur

Q99. The difference between Revenue Receipts plus Non-debt Capital Receipts (NDCR) and total expenditure is called _____.

(a) Revenue Deficit
(b) Fiscal Deficit
(c) Effective Revenue Deficit
(d) Primary Deficit

Q100. Nyctalopia, more commonly known as Night Blindness, is caused by the deficiency of which nutrient?

(a) Potassium
(b) Vitamin A
(c) Vitamin C
(d) Magnesium

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

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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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