SSC MTS Previous Year Paper (Held on: 2 Nov 2021 Shift 3)

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 words to fill in the blank.

By this time next week, we _____ Shimla.

(a) will have reached
(b) would have reached
(c) would reached
(d) shall reach

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

ESTEEM

(a) Disrespected
(b) Regard
(c) Disregard
(d) Criticise

Q3. The given sentence contains a grammatical error. Identify the segment that contains the error.

She didn't thank you for your help, but she may have done it.

(a) but she
(b) you for your help
(c) She did't thank
(d) may have done it

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'.

Madhu is only a daughter of her parents.

(a) the only
(b) only one
(c) No substitution required
(d) an only one

Q5. Select the most appropriate word to fill in the blank.

The Covid-19 pandemic has hit many industries really _____.

(a) hardly
(b) hardy
(c) hard
(d) well

Q6. Select the most appropriate option to substitute the underlined segment in the given sentence.

It's not our book; it must be theres.

(a) theirs
(b) their

(c) their's
(d) there's

Q7. Select the most appropriate words to fill in the blank.
Please go with _____ sister to the match.
(a) me and mine
(b) I and my
(c) me and my
(d) I and mine

Q8. Select the most appropriate ANTONYM of the given word.
ABSURD
(a) Appropriate
(b) Adequate
(c) Abrupt
(d) Reasonable

Q9. Select the most appropriate word which means the same as the group of words given.
Stop something from burning
(a) Prevent
(b) Extinguish
(c) torch
(d) Scorch

Q10. Identify the segment in the sentence which contains a grammatical error.
Kalpana listens old Hindi film songs every evening at home.
(a) every evening
(b) film songs
(c) Kalpana listens old Hindi
(d) at home

Q11. Select the most appropriate meaning of the given idiom.
Cover up
(a) Put a carpet under
(b) Ignore insults made
(c) Hide or conceal
(d) Close something forever

Q12. Choose the correctly spelt word.
(a) Bileive
(b) Bilive
(c) Believe
(d) Beleive

Q13. Select the most appropriate word which means the same as the group of words given.
Confirm or support something
(a) Collaborate
(b) Corroborate
(c) Cooperate
(d) Consider

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Q14. Choose the correctly spelt word.

(a) Closhare
(b) Kloshur
(c) Closure
(d) Klousur

Q15. Select the most appropriate meaning of the given idiom.

Make up with (someone)

(a) Close or ignore the differences with (someone)
(b) Compensate the loss to (someone)
(c) Pick up a quarrel with (someone)
(d) Understand (someone)

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

DIFFERENCE

(a) Similarity
(b) Contrast
(c) Distinction
(d) Acceptance

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

FRIGID

(a) Warm
(b) Freezing
(c) Amicable
(d) Moderate

Q18. select the most appropriate option to substitute the underlined segment in the given sentence.

Sahana worked late last night and could be able to finish her homework.

(a) can be able to
(b) can finish
(c) could be
(d) could

Q19. The given sentence contains a grammatical error. Identify the segment that contains the error.

Judy solved the difficult problem by her own without anyone's help.

(a) without anyone's help
(b) by her own
(c) Judy solved
(d) the difficult problem

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

The 21^(st) Kargil Vijay Diwas (Victory Day) was _____ on 26th July across the country.

(a) concluded
(b) celebrated
(c) forgotten
(d) attended

Directions

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

According to a news report, schools are setting up adequate facilities and taking (1) _____ to restart learning on campus hoping to reopen schools later, if not sooner. (2) ___ schools are preparing themselves to restart, most parents are still not sure of sending their (3) __ to school. Parents of primary school children are particularly concerned about their children's (4) ___ to

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health risks. Parents, in general, say that they have always tried to keep their children away from (5) ____ like mobile phones and tablets, but the current Covid-19 situation has forced the children into online learning, and they spend long hours in front of screens.

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

(a) steps
(b) tests
(c) conditions
(d) screening

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

(a) While
(b) Whether
(c) Despite
(d) Because

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

(a) students
(b) drivers
(c) children
(d) teachers

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

(a) experience
(b) exposure
(c) suffering
(d) taking

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

(a) lessons
(b) products
(c) electronics
(d) devices

GENERAL INTELLIGENCE & REASONING

Q26. Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.

12 * 6 * 54 * 6 * 7 = 70

(a) ×, -, ÷, +
(b) ÷, +, ×, -
(c) ÷, +, -, ×
(d) -, +, ÷, ×

Q27. Five persons, A, B, C, D, E, are sitting around a circular table facing towards the center.

1) A is the neighbour of E and D.

2) B is the second to the left of D.

Who is to the immediate right of B?

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

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Q28. Two statements are given, followed by four conclusions numbered I, II, III and Iv. 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:

No fish is a pen.

All keys are pens.

Conclusions:

I. No key is a pen.

II. No pen is a key.

III. Some pens are keys.

IV. Some keys are fishes.

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

Q29. In a code language, 'AEROPLANE' is written as 'CCTMRJCLG'. How will CHOPPER be written in the same language?

(a) EFQRNCT
(b) EJQRRGT
(c) EFQNRCT
(d) AJMRNGP

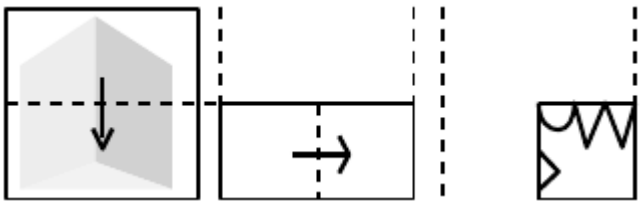
Q30. 'Pressure' is related to 'Pascal' and 'Electricity' is related to Watt in the same way as 'Heat' is related to '_____'.

(a) Ohm
(b) Volt
(c) Joule
(d) Bar

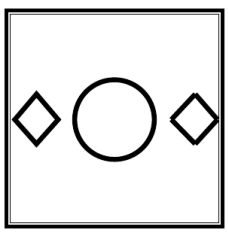
Q31. In a code language, 'GOODLUCK' is written as 'MEWNFQQI'. How will 'FORTUNE' be written in the same language?

(a) GPWVTQH
(b) HQTVOHB
(c) QTHDVHJ
(d) PGWTQVH

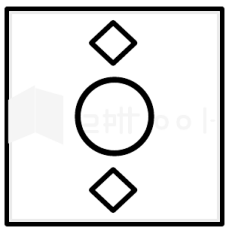
Q32. A paper is folded and cut as shown below. How will it appear when unfolded?



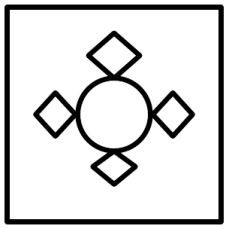
(a)



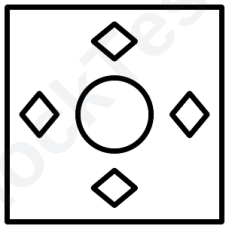
(b)



(c)



(d)



Q33. Which letter-cluster from the options will replace the question mark (?) to complete the given series?

ASDF, BUGJ, CWJN, ?

(a) DYMR
(b) DYKQ
(c) DXKO
(d) DXLQ

Q34. Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

ABRUPT : BZUQUN :: SUDDEN : ?

(a) TSGZJH
(b) URGFJP
(c) URFGJP
(d) TSAHJH

Q35. Which two signs should be interchanged to make the given equation correct?

48 ÷ 12 × 3 + 5 - 4 = 21

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

Q36. 'IPL' is related to 'Cricket' in the same way as 'Wimbeldon' is related to '_____'.

(a) Football
(b) Tennis
(c) Hockey
(d) Badminton

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Q37. If 'CAPACITY' is coded as '81' and 'VOLUME' is coded as '91', then how will 'AMOUNT' be coded?

(a) 84
(b) 87
(c) 86
(d) 85

Q38. If 'DONKEY' is coded as '88' and 'SPARROW' is coded as '79', then how will 'PEGION' be coded?

(a) 73
(b) 96
(c) 85
(d) 91

Q39. Two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be variance with commonly known facts, decide which of the conclusions logically follow (s) from the statements.

Statements:

Some chairs are windows.

all windows are boards.

Conclusions:

I. All chairs are boards.

II. All boards are windows.

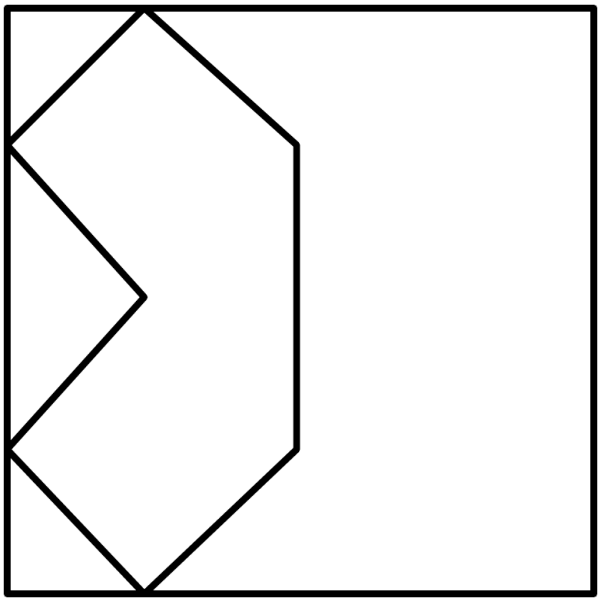
(a) Neither conclusion I nor II follows.
(b) Both conclusions I and II follows.
(c) Only conclusion I follows.
(d) Only conclusion II follows.

Q40. Which number from the options will replace the question mark (?) in the following series?

2, 4, 8, 32, 256, ?

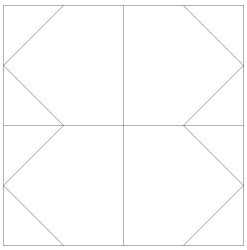
(a) 8192
(b) 4096
(c) 2048
(d) 1024

Q41. Select the option in which the following figure is embedded (rotation is NOT allowed).

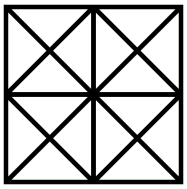


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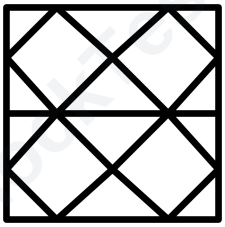
(a)



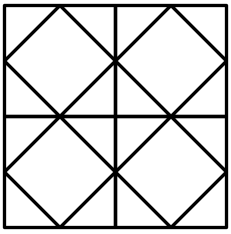
(b)



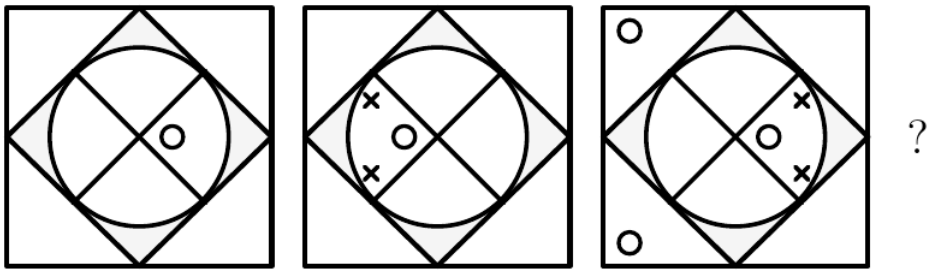
(c)



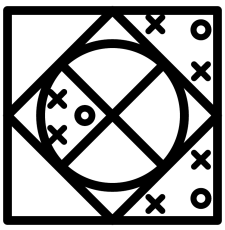
(d)



Q42. Which figure from the options will replace the question mark (?) in the following figure series?

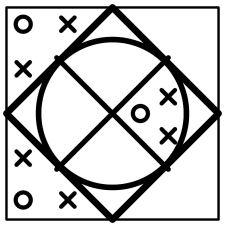


(a)

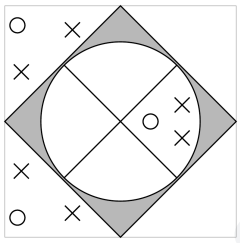


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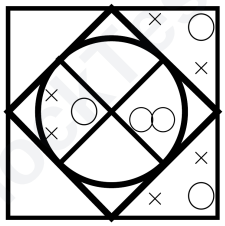
(b)



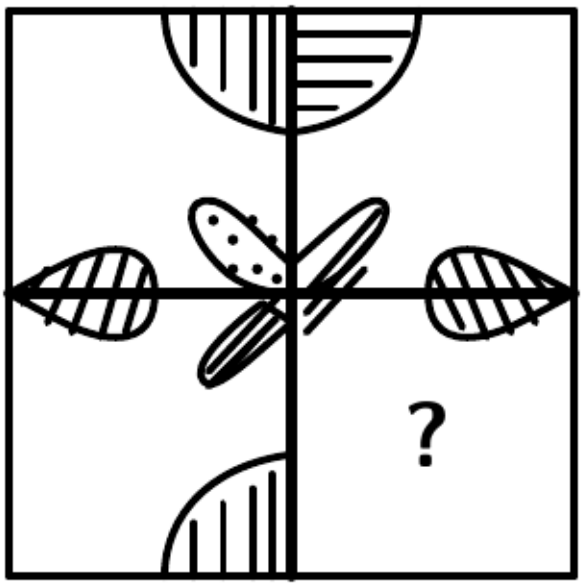
(c)



(d)



Q43. Identify the figure that completed the given pattern.

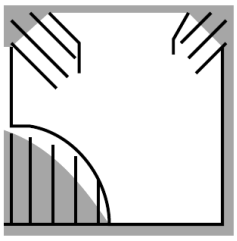


(a)



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(b)



(c)

(d)



Q44. Select the set in which the numbers are related in the same way as the numbers of the following set.

(12, 30, 204)

(a) (9, 12, 224)
(b) (11, 15, 236)
(c) (4, 12, 28)
(d) (15, 20, 265)

Q45. Six persons, Vinay, Madhav, Nilesh, Sagar, Arvind, Rajesh are standing in two rows facing towards each other such that three persons are in a row.

1) Nilesh between Arvind and Sagar.

2) Nilesh is not facing Vinay.

3) Madhav is facing Arvind.

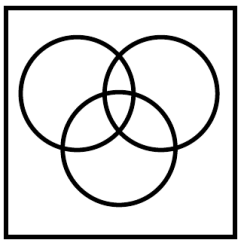
What is Rajesh's position?

(a) Facing towards Vinay
(b) Between Vinay and Madhav
(c) Between Vinay and Arvind
(d) Facing towards Sagar

Q46. Select the Venn diagram that best illustrates the realtionship between the following:

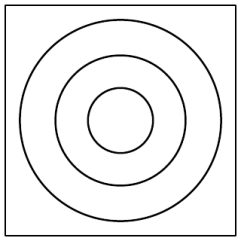
Tigers, Reptiles, Tortoises

(a)

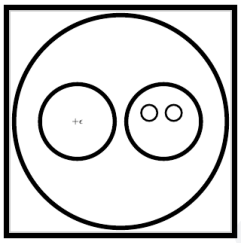


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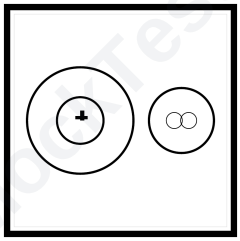
(b)



(c)



(d)



Q47. Select the correct image of the given figure when the mirror is placed right side of the figure.

A NTONYMS

(a)

S MYИOTИA

(b)

ANTONYMS

(c)

SWʎNOLNV

(d)

SMYOИTИA

Q48. Select the number-pair in which the two numbers are related in the same way as the two numbers of the following number-pair.

6 : 85

(a) 7 : 112

(b) 9 : 181

(c) 5 : 50

(d) 8 : 114

Q49. Which number from the options will replace the question mark (?) in the following series?

3, 13, 53, 213, ?

(a) 942
(b) 853
(c) 640
(d) 1065

Q50. Select the option that arranges the following words in a logical and meaningful order.

1. Pupa
2. Egg
3. Adult
4. Larva

(a) 4, 2, 3, 1
(b) 2, 1, 4, 3
(c) 2, 4, 1, 3
(d) 4, 2, 1, 3

NUMERICAL APTITUDE

Q51. A retailer bought 250 kg of a cereal and sold it at a profit to the extent of what he paid for 160 kg. What is his profit percentage?

(a) 32
(b) 64
(c) 36
(d) 18

Q52. The father of a girl is three years older than her mother. Six years ago, the average age of the girl and her parents was 32 years, and the age of the father was twice the present age of his daughter. What is the present age (in years) of the mother?

(a) 48
(b) 42
(c) 45
(d) 49

Q53. The ratio of two numbers is 4 : 5. If one is subtracted from the first number, and two is added to the second number, then the ratio becomes 3 : 4. What will be the ratio when eight and four are, respectively, added to the first and second number?

(a) 2 : 3
(b) 8 : 9
(c) 6 : 7
(d) 1 : 5

Q54. The value of 120 ÷ [2/3 × (1 - 2/5) × 5] + [9/8 of 4/3 ÷ 3/4 of 2/3] is :

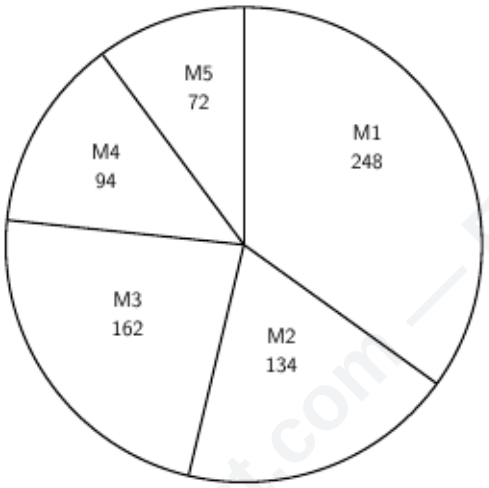
(a) 62
(b) 65
(c) 63
(d) 60

Q55. Study the pie chart and answer the questions that follows.

The number of people applying for a passport from a city was monitored, and it was found that the numbers (in multiplies of hundreds) during the first five months of 2019 were as follows: January (M1) - 248, February (M2) - 134, March (M3) - 162, April (M4) - 94, May (M5) - 72. These have been represented through the given pie chart.

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The number of people (in multiples of hundred) applying for a passport from a city during the first five months of 2019



The number of people in M5 is what percentage (correct up to two decimal places) of that of the two months M3 and M4 combined?

(a) 20.12
(b) 24.07
(c) 28.13
(d) 21.24

Q56. The average of ten numbers is A. If c is subtracted from each number, except the tenth, and (c - 1) is subtracted from the tenth number, then what will be the new average?

(a) A - c + 0.1
(b) A - c
(c) A - c + 1
(d) A - (0.1) c + 0.1

Q57. The total surface area of a hemisphere is very nearly equal to that of an equilateral triangle. The side of the triangle is how many times (approximately) of the radius of the hemisphere?

(a) (8π/(√3))^(0.5)
(b) (4π/3)^(0.5)
(c) (2π √3)^(0.5)
(d) (4π √3)^(0.5)

Q58. Two cyclists start simultaneously from two points A and B, their destinations being B and A, respectively. After crossing each other; they precisely take 2 hours 33 minutes 36 seconds and 1 hour 26 minutes 24 seconds respectively to reach their destinations. What is the ratio of the speed of the first to that of the second cyclist?

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

Q59. The fourth proportional of 18, 27, 68 is :

(a) 136
(b) 170
(c) 204
(d) 102

Q60. By what percentage is the percentage of the number of vowels in the word CONSONANT less than the percentage of consonants in it?

(a) 33.33
(b) 200
(c) 66.67
(d) 50

Q61. Y takes five days more than X to finish a work. Working together, they finish the work in six days. In how many days can Y finish it working alone?

(a) 16
(b) 12
(c) 15
(d) 10

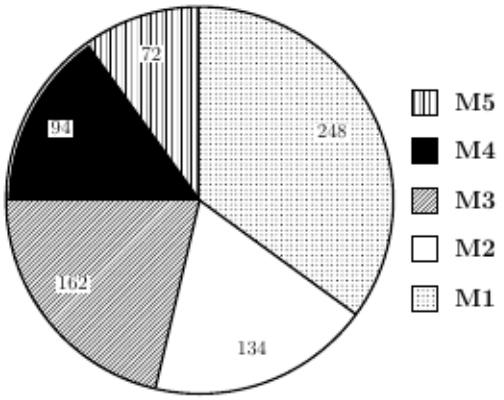
Q62. What is the range of the distribution of a variable which takes the ten values:

17, 18, 27, 11, 24, 21, 34, 21, 17, 32, ?

(a) 23
(b) 17
(c) 21
(d) 15

Q63. Study the pie chart and answer the questions that follows.

The number of people applying for a passport from a city was monitored, and it was found that the numbers (in multiples of hundreds) during the first five months of 2019 were as follows: January (M1) - 248, February (M2) - 134, March (M3) - 162, April (M4) - 94, May (M5) - 72. These have been represented through the given pie chart.



The number of people (in multiples of hundred) applying for a passport from a city during the first five months of 2019

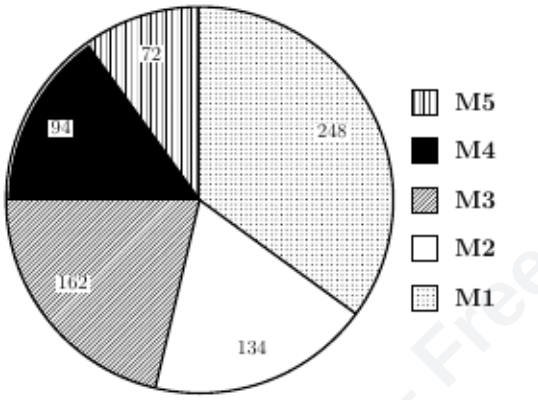
What is the central angle (to the nearest degree) of the sector corresponding to M1?

(a) 104
(b) 117
(c) 132
(d) 126

Q64. Study the pie chart and answer the questions that follows.

The number of people applying for a passport from a city was monitored, and it was found that the numbers (in multiples of hundreds) during the first five months of 2019 were as follows: January (M1) - 248, February (M2) - 134, March (M3) - 162, April (M4) - 94, May (M5) - 72. These have been represented through the given pie chart.

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The number of people (in multiples of hundred) applying for a passport from a city during the first five months of 2019

If the number of people during M2 and M5 had, respectively, been 50% less and 50% more what has been presented in the pie chart, then what would be the central angle (nearest to degree) of the sector corresponding to M5?

(a) 57
(b) 65
(c) 63
(d) 52

Q65. The speed of light is very nearly equal to 3 × 10^(17)nanometre per second. How much time (in seconds), approximately, does it take light to travel from the moon to the earth, the average distance between them being 384000 km?

(1 nanometre = 10^(-9) metre)

(a) 38.4
(b) 12.8
(c) 3.84
(d) 1.28

Q66. When a reactangle is divided into three equal parts, each of them turns out to be a square of area 16 cm². What is the perimeter (in cm) of the rectangle?

(a) 64
(b) 16
(c) 32
(d) 48

Q67. Two inlet pipes can separately fill a cistern completely in 8 hours and 10 hours, respectively. They are operated for 2 hours, after which the second pipe is closed, and an outlet pipe which can drain out water from the full cistern in 20 hours is opened. How much time will it take to fill the cistern completely from the instant of opening the outlet pipe?

(a) 7 hours
(b) 8 hours
(c) 7 hours 20 minutes
(d) 8 hours 40 minutes

Q68. Simplify the following expression

(45 ÷ 3 × 2/3 + 11/3 of 63/8 - 41/8)/(1/2[(21/4 + 11/2) ÷ (1/15 + 1/3 - 9/10)]).

(a) • 4/9
(b) • 23/6
(c) 68/5
(d) • 8/9

Q69. The interest, compounded annually, on a sum of Rs. 3,240 after two years is Rs. 370. What is the rate of interest, correct up to two decimal places?

(a) 5.26%
(b) 4.67%
(c) 5.56%
(d) 4.05%

Q70. The HCF of two 2-digit numbers is 19 and their sum is 152. What is their difference?

(a) 19
(b) 38
(c) 57
(d) 76

Q71. A certain sum was invested on simple interest for a period of seven years. During the period of the sixth and the seventh years combined, the interest earned was Rs. 292. If the maturity amount is Rs. 3,942, then what is the rate percentage of the interest?

(a) 5
(b) 2
(c) 6.25
(d) 2.5

Q72. An article, whose list price was Rs. 720, was subject to two successive discounts of 20% and 10%. What is the amount (in Rs.) of discount that a customer would get while purchasing the article?

(a) 198
(b) 190.8
(c) 201.6
(d) 216

Q73. If a shopkeeper purchases a certain number of items for a certain sum and sells a fraction of the said number for the same amount, then his profit is 300%. What is the fraction?

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

Q74. A batswoman missed her century by four runs in an innings, in which the scoring shots in the form of sixes, fours, threes, twos and singles, were in the proportion 1 : 3 : 2 : 7 : 10. How many runs did she score in singles?

(a) 20
(b) 16
(c) 10
(d) 12

Q75. The area in (cm^2) of a sector of a circle of radius 2 cm is $4\pi/5$. What is the central angle (in degrees) of the sector?

(a) 60
(b) 75
(c) 36
(d) 72

GENERAL AWARENESS

Q76. With which of the following countries is the 'Navanna' festival associated?

(a) Sri Lanka
(b) Bhutan
(c) Nepal
(d) Bangladesh

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Q77. In which of the following years was Bahadur Shah II deposed by the British and exiled to Rangoon?

(a) 1698
(b) 1798
(c) 1857
(d) 1834

Q78. What is the strength of Maharashtra in the Lok Sabha as of September 2020?

(a) 48
(b) 35
(c) 56
(d) 39

Q79. Chutka Atomic Power Plant is situated in which of the following states?

(a) Haryana
(b) Gujarat
(c) Madhya Pradesh
(d) Rajasthan

Q80. Who among the following was the first woman commando trainer in India?

(a) Avani Chaturvedi
(b) Damyanti Beshra
(c) Dr. Seema Rao
(d) Rani Rampal

Q81. Who among the following former Indian cricketers was appointed as the head coach of Uttarakhand Cricket Team in June 2020?

(a) Rahul Dravid
(b) Wasim Jaffer
(c) Sachin Tendulkar
(d) Akash Chopra

Q82. In which of the years was the Reserve Bank of India nationalised?

(a) 1935
(b) 1949
(c) 1927
(d) 1965

Q83. 'Kafuli' is a delicacy of which of the following states cuisine?

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

Q84. In which of the following sections of the Reorganisation act, 1966 is Chandigarh defined as a Union Territory?

(a) Section 3
(b) Section 6
(c) Section 4
(d) Section 1

Q85. Who among the following was the chief economic advisor to the Government of India as of August 2020?

(a) Krishnamurthy Subramanian
(b) Ajay Bhushan Pandey
(c) Atanu Chakraborty
(d) Rajeev Kumar

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Q86. _____ are the oldest living tree species on Earth.

(a) Lone Cypress
(b) Redwood tree
(c) Tree of Life
(d) Bristlecone pines

Q87. Which of the following is the highest mountain in Bhutan?

(a) Gangkhar Puensum
(b) Kula Kangri
(c) Jomolhari
(d) Gipmochi

Q88. In which of the following states is Pichola lake located?

(a) Sikkim
(b) Manipur
(c) Rajasthan
(d) Maharashtra

Q89. Which of the following Article of the Constitution of India deals with the duties and powers of the Comptroller and Auditor-General of India?

(a) Article 234
(b) Article 149
(c) Article 189
(d) Article 354

Q90. Which of the following diseases is caused by fungus?

(a) Ringworm
(b) Diarrhoea
(c) Small pox
(d) Polio

Q91. A/an _____ is any substance that causes your immune system to produce antibodies against it.

(a) protein
(b) glucose
(c) platelet
(d) antigen

Q92. What is the full form of OCD?

(a) Obesity-Compulsive Disorder
(b) Obsession-Controlling Device
(c) Obesity-Controlling Device
(d) Obsessive-Compulsive Disorder

Q93. Who among the following is the author of 'Vishesh: Code To Win'?

(a) Vishesh Bhriguvanshi
(b) Chetan Anand
(c) Nirupama Yadav
(d) Ashis Ray

Q94. World Cup-winning goalkeeper Iker Casillas announced his retirement from football in August 2020. To which of the following countries does he belong?

(a) Spain
(b) France
(c) Australia
(d) Canada

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Q95. Anil Prakash Joshi received the Padma Bhushan Award 2020 in the field of _____.

(a) social work
(b) arts
(c) public affairs
(d) medicine

Q96. Who among the following has been appointed as the Chairman of the National Bank for Agriculture and Rural Development (NABARD) in May 2020?

(a) KV Kamath
(b) GR Chintala
(c) Shaji KV
(d) PVS Suryakumar

Q97. Indian Universities Commission was set up in which of the following years?

(a) 1902
(b) 1897
(c) 1882
(d) 1909

Q98. On which of the following dates is International Tiger Day observed?

(a) 12^(th) May
(b) 10^(th) January
(c) 5^(th) November
(d) 29^(th) July

Q99. In which of the following years was the National Archives of India established?

(a) 1991
(b) 1891
(c) 1876
(d) 1956

Q100. With which of the following states is the dance form 'Povadas associated'?

(a) Karnataka
(b) Kerala
(c) Maharashtra
(d) Tamilnadu

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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