SSC MTS Previous Year Paper (Held on: 8 Oct 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 synonym of the given word.

APPEASE

(a) worsen
(b) excite
(c) irritate
(d) pacify

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

The captain, with the members of the team, _____ given a hearty welcome at the airport yesterday.

(a) was
(b) are
(c) were
(d) is

Q3. Identify the segment in the sentence which contains a grammatical error.

India has always believe in the value of the family system.

(a) India has
(b) always believe in
(c) the family system
(d) the value of

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

A plan of stating what is to be done and when

(a) Schedule
(b) Occupation
(c) Meeting
(d) Scheme

Q5. Select the most appropriate one-word substitution for the given group of words.

To fall apart as a result of decay

(a) Disintegrate
(b) Dishevelled
(c) Discontinue
(d) Dislocate

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

Loosen the purse strings

(a) To increase the money available for expenditure
(b) To be miserly
(c) To reduce the expenditure

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(d) To lose a purse

Q7. Select the most appropriate word to fill in the blank.

Everyone was amazed _____ the young child's courage.

(a) in
(b) on
(c) of
(d) at

Q8. Select the most appropriate synonym of the given word.

VACANT

(a) busy
(b) used
(c) full
(d) bare

Q9. Select the most appropriate ANTONYM of the given word.

APPROACH

(a) meet
(b) reach
(c) near
(d) avoid

Q10. Select the most appropriate option to substitute the underlined segment in the given sentence.

Ritu goes to Singapore for her holidays last December.

(a) had gone to Singapore
(b) has gone to Singapore
(c) was going to Singapore
(d) went to Singapore

Q11. Identify the segment in the sentence which contains a grammatical error.

A vacation is the time to relax and break up from the routine.

(a) from the routine
(b) break up
(c) A vacation is
(d) time to relax

Q12. Select the most appropriate word to fill in the blank.

Pets are good _____ for lonely people.

(a) substitutes
(b) guides
(c) nurses
(d) companions

Q13. Select the most appropriate meaning of the given idiom.

Change for the better

(a) An improvement in the situation
(b) Pretend to be someone else
(c) Exchange an old product for new
(d) To keep loose change

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Q14. Select the INCORRECTLY spelt word.

(a) Patient
(b) Intend
(c) Allready
(d) Disrupt

Q15. Select the most appropriate ANTONYM of the given word.

TARDY

(a) late
(b) slow
(c) lazy
(d) early

Q16. Select the INCORRECTLY spelt word.

(a) Recognition
(b) Stagnation
(c) Defination
(d) Ammunition

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'.

I am not use to eat spicy and oily food.

(a) used to eating
(b) No substitution required
(c) use to eating
(d) used to eat

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.'

Our school has been issued instructions to restrict online classes to two hours towards the primary classes.

(a) into
(b) for
(c) No substitution required
(d) from

Q19. Identify the segment in the sentence which contains a grammatical error.

I know she is much superior from me in intelligence.

(a) superior from me
(b) she is much
(c) I know
(d) in intelligence

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

Mother tried to _____ the child when he was crying for a toy.

(a) attract
(b) distract
(c) disturb
(d) absorb

Directions

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.

Every living species of our planet has changed or is changing. Some (1)____, such as the pre-historic sabre-toothed tigers (2)__ died out and some are (3)__ dying out. Sometimes new species appear. The dog is (4)__ species which man has caused to

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(5)____ from the wolf.

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

(a) samples
(b) specimens
(c) species
(d) strains

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

(a) have
(b) having
(c) has
(d) had

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

(a) regularly
(b) readily
(c) deliberately
(d) gradually

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

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

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

(a) evolve
(b) emerge
(c) expand
(d) derive

GENERAL INTELLIGENCE & REASONING

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

NYD, MXC, LWB, KVA, ?

(a) JUZ
(b) JUY
(c) JTZ
(d) LTZ

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

2 : 54 :: 4 : ?

(a) 250
(b) 270
(c) 201
(d) 225

Q28. 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.

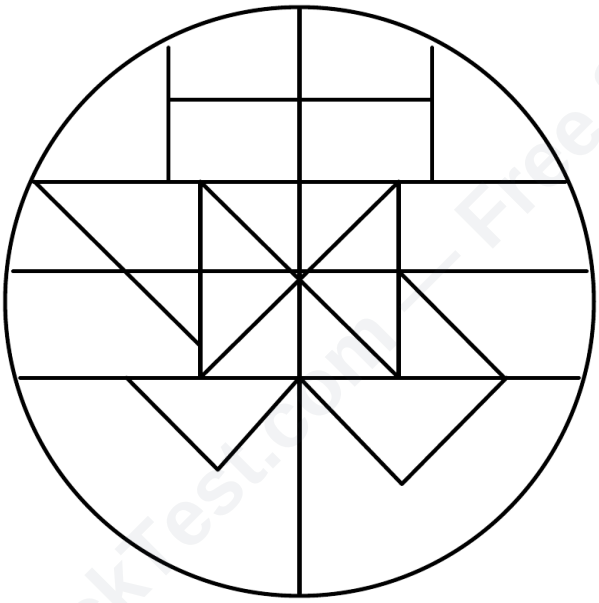
MONKEY : STRDJP :: TORQUE : ?

(a) WTYLBV
(b) WTYJZV

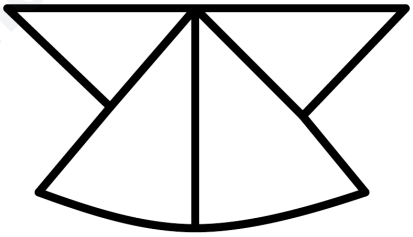
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(c) WSQJZV
(d) WTYJMB

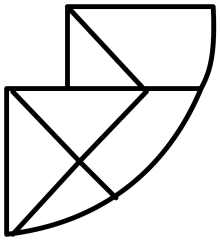
Q29. Select the option figure which is NOT embedded in the given figure as its part (rotation is NOT allowed).



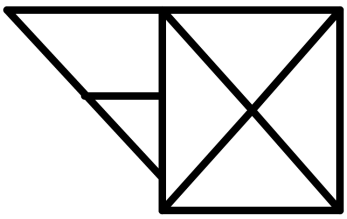
(a)



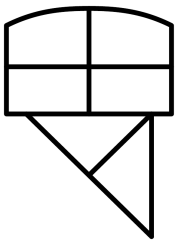
(b)



(c)



(d)

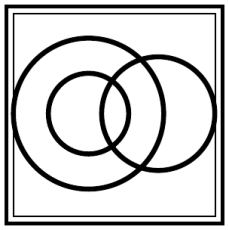


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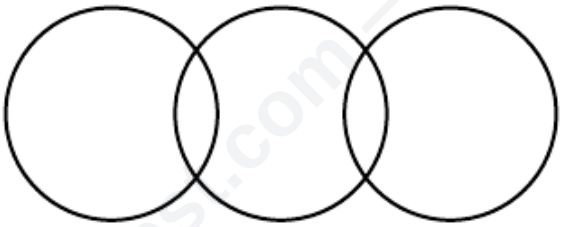
Q30. Select the Venn diagram that best illustrates the relationship among the following classes.

Engineers, Indians, Ladies

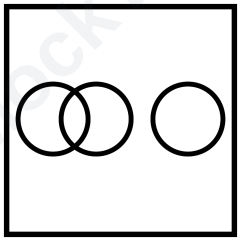
(a)



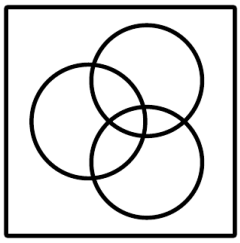
(b)



(c)



(d)



Q31. In a certain code language, 'TURNIP' is written as '239597', and 'QUEEN' is written as '83555'. How will 'LEMON' be written in that language?

(a) 35465
(b) 20584
(c) 45658
(d) 45587

Q32. Select the correct mirror image of the given combination when the mirror is placed at MN as shown below.

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(a)



(b)



(c)



(d)



Q33. 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:

No onion is a lemon.

No lemon is a potato.

Conclusions:

I. No onion is a potato.

II. No potato is a lemon.

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

Q34. Eight friends A, B, C, D, E, F, G and H are sitting clockwise around a circular table in the same sequence at equal distances facing the centre of the table. If C is sitting in the south direction, then who is sitting in the north-west direction?

(a) G
(b) E
(c) F
(d) H

Q35. Select the option that is related to the third word in the same way as the second word is related to the first word.

Amphibian : Frog :: Reptile : ?

(a) Lizard
(b) Cockroach
(c) Kangaroo
(d) Mouse

Q36. Select the correct combination of mathematical signs to replace the * signs and balance the given equation.

25 * 5 * 6 * 15 * 3 * 50

(a) ×, ÷, +, –, =
(b) +, ×, –, ÷, =
(c) ×, +, ÷, –, =
(d) ÷, ×, –, +, =

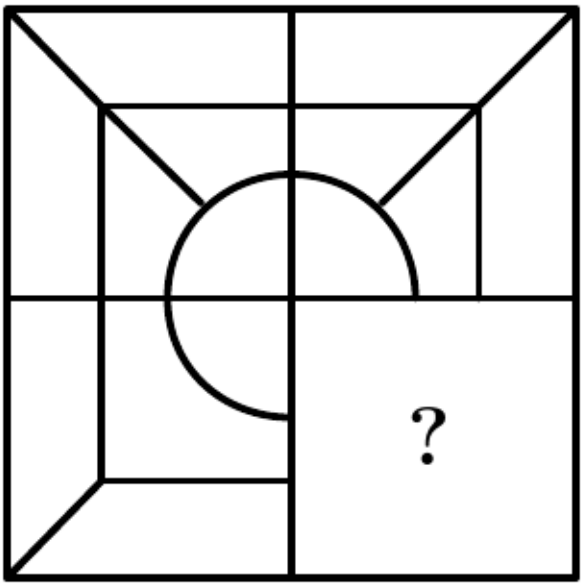
Q37. In a certain code language, 'FACTOR' is written as 'JEGXSV'. How will 'MARINA' be written in that language?

(a) QEVMRE
(b) QEHMSE
(c) REUORE
(d) PFVMRF

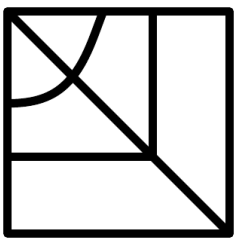
Q38. In a certain code language, 'FREEDOM' is written as '618222241213'. How will 'SUPINE' be written in that language?

(a) 19062191322
(b) 19616181422
(c) 19211191422
(d) 18617181422

Q39. Select the option figure that will replace the question mark (?) in the figure given below to complete the pattern.

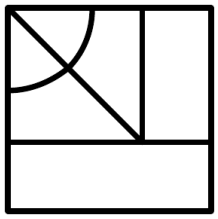


(a)

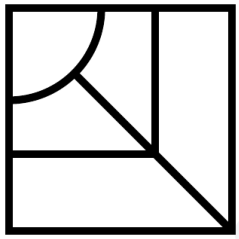


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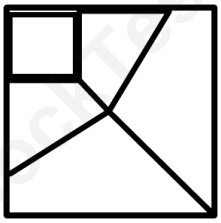
(b)



(c)



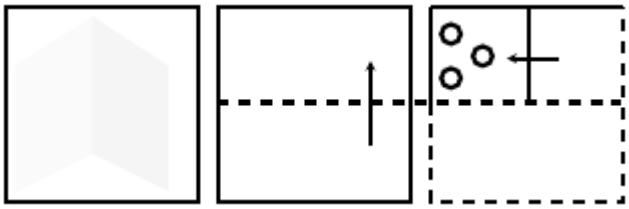
(d)



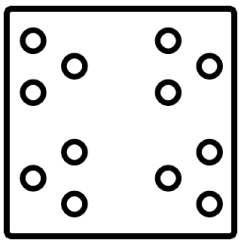
Q40. In a certain code language, 'WRITE' is written as 'RWIET', and 'MONTHLY' is written as 'NOMTYLH'. How will 'AMSTERDAM' be written in that language?

(a) TSMAEMADR
(b) STNAEMAER
(c) TSNAEFADR
(d) STMAEAMER

Q41. A paper is folded and cut as shown in the given figures. How will it appear when unfolded?

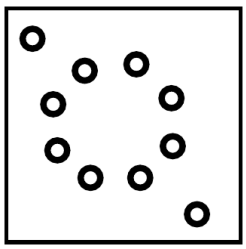


(a)

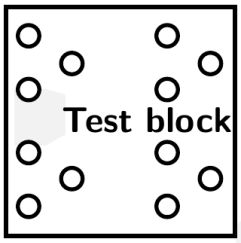


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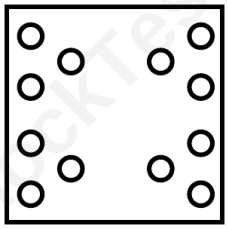
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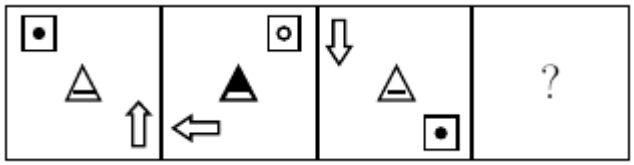
(c)



(d)



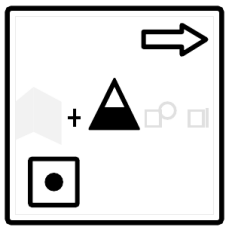
Q42. Select the figure that will replace the question mark(?) in the following figures series.



(a)

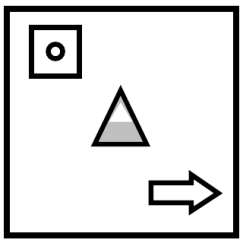


(b)

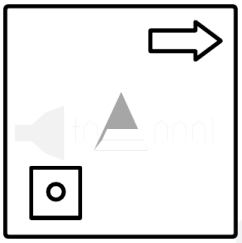


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(c)



(d)



Q43. If H > M = D > P and K = H > T > Z, then which of the following options is NOT correct?

(a) P < M
(b) H > D
(c) Z < H
(d) Z > K

Q44. 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 rings are calendars.

All rings are caps.

Conclusions:

I. All calendars are rings.

II. At least some calendars are caps.

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

Q45. Select the option that is related to the third word in the same way as the second word is related to the first word.

Bed : Sleep :: Chair : ?

(a) Jump
(b) Balance
(c) Wood
(d) Sit

Q46. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

15	**12**	**90**
16	13	104
12	18	?

(a) 119
(b) 108
(c) 100
(d) 129

Q47. Which of the following numbers will replace the question mark (?) in the given series?

40, 41, 50, 75, 124, ?

(a) 205
(b) 257
(c) 232
(d) 264

Q48. Five friends are sitting around a circular table facing the center of the table. Abhishek is sitting to the immediate left of Sharad. Joseph is to the immediate right of Wasim. Vishal is third to the left of Wasim. Who is sitting between Joseph and Abhishek?

(a) Vishal
(b) Either Wasim or Vishal
(c) Either Wasim or Sharad
(d) Wasim

Q49. Which of the following numbers will replace the question mark (?) in the given series?

5, 20, 65, 200, ?

(a) 605
(b) 1055
(c) 575
(d) 1005

Q50. Which two signs should be interchanged to make the given equation correct?

7 + 3 – 24 ÷ 6 × 12 = 29

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

NUMERICAL APTITUDE

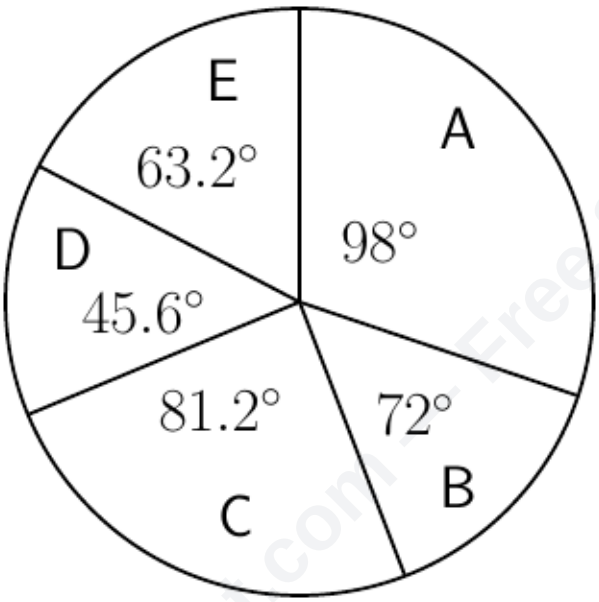
Q51. Let x be the smallest 4-digit number such that when it is divided by 5, 6 and 7, it leaves the remainders 2, 3 and 4, respectively. The sum of the digits of x is:

(a) 12
(b) 9
(c) 14
(d) 11

Q52. Study the given pie chart and answer the question that follows:

The pie chart shows the break-up of the total number of employees of a company in 2019, in five departments A, B, C, D, and E.

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Total number of employees = 4500

The average number of employees of the company in departments D and E is what percentage of the number of employees in department A (correct to one decimal place)?

(a) 54.4%
(b) 56.2%
(c) 55.8%
(d) 55.5%

Q53. The average of 12 numbers is 25.5. The average of the first six numbers is 22.4 and that of the last three numbers is 28.2. The 7^(th) number is 5 less than the 8^(th) number but 10 less than the 9^(th) number. What is the average of the 8^(th)and 9^(th)numbers?

(a) 32.6
(b) 29.4
(c) 29.8
(d) 31.5

Q54. A sum of Rs. 3,364 is divided in two parts such that the amounts received on them after 3 years and 5 years, respectively, is the same when the rate of interest is 5% p.a., compounded yearly. The difference between the two parts is:

(a) Rs. 164
(b) Rs. 180
(c) Rs. 160
(d) Rs. 166

Q55. A sum of Rs. 7,560 is divided between A, B, C and D such that the ratio of the shares of A and B is 4 : 5, that of B and C is 3 : 4 and that of C and D is 5 : 7. What the difference (in Rs.) between the shares of B and D?

(a) 1,209.60
(b) 1,310.40
(c) 806.40
(d) 1,612.80

Q56. Kapil rows 2 1/2 km against the current in 15 minutes and the same distance along the current in 8 minutes. What is the speed (in km/h) of the current?

(a) 4
(b) 35/8
(c) 5
(d) 9/2

Q57. A sum was invested at simple interest at x% p.a. for 2 years. Had it been invested at (x + 4)%, for the same time, it would have fetched Rs. 1,800 more. What is the simple interest on the same sum for 52/3 years at 8% p.a.?

(a) Rs. 10,200
(b) Rs. 10,064
(c) Rs. 10,336
(d) Rs. 9,520

Q58. The radius of a metallic solid sphere is 21.6 cm. It is melted and drawn into a wire of uniform cross section. If the length of the wire is 259.2 m, then the radius of the wire is:

(a) 0.72 cm
(b) 0.9 cm
(c) 0.54 cm
(d) 0.8 cm

Q59. Surekha spends 24% of her monthly income on groceries. 16% of it on rent and 55% of the remaining on children's education and others. If she saves Rs. 5,940 in a month, then how much (in Rs.) does she spend on rent?

(a) 3,520
(b) 3,300
(c) 3,960
(d) 3,740

Q60. A train of length 240 m crosses a pole in 16 seconds and crosses a platform in 42 seconds. What is the length (in m) of the platform?

(a) 360
(b) 420
(c) 390
(d) 400

Q61. The ratio of the number of boys and girls in a class is 5 : 7. The average weight of boys is 56 kg and that of girls is 50 kg. What is the average weight (in kg) of all the boys and girls in the class?

(a) 54.1
(b) 53.2
(c) 52.5
(d) 51.8

Q62. A can do a piece of work in 8 days. The efficiency of B is half the efficiency of A, and the efficiency of C is 50% more than the efficiency of B. If all the three work together, what part of the work will they finish in 2 days?

(a) 3/8
(b) 3/4
(c) 9/32
(d) 9/16

Q63. The value of 5/16 + 3/5 × 17/8 ÷ 2/3 - 61/8÷(51/4 ÷3/7 of 1/2) of 6/7 is:

(a) 19/6
(b) 17/12
(c) 41/24
(d) 31/18

Q64. A rectangular plot is 420 m long and 84 m wide. It is surrounded by semi-circular flower beds along all its sides. The area of the entire plot (in hectares) is x. The value of x (correct to one decimal place) is (take = 22/7):

(a) 17.9
(b) 18.7
(c) 19.1
(d) 19.4

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Q65. The value of 145 - [125 - {64 ÷ 8 of 4 - (4 × 8 ÷ 2)}] is:

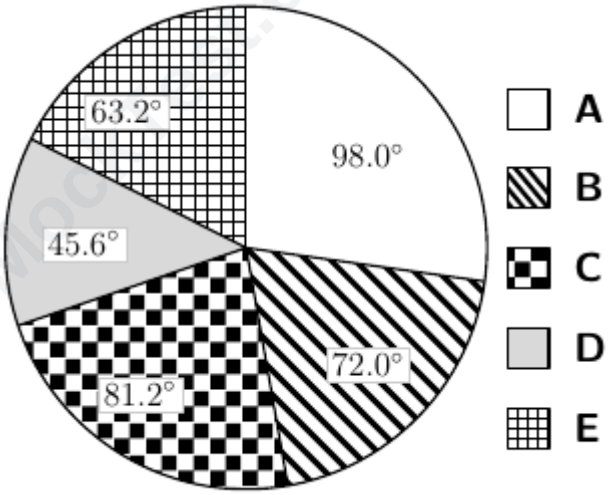
(a) 6
(b) 5
(c) 8
(d) 7

Q66. When an article is sold for Rs. 1,188, the percentage profit earned is x%. When it is sold for Rs. 1,435.50, then the percentage profit is (x + 25)% What is the value of x?

(a) 15
(b) 10
(c) 20
(d) 18

Q67. Study the given pie chart and answer the question that follows:

The pie chart shows the break-up of the total number of employees of a company in 2019, in five departments A, B, C, D, and E.



Total number of employees=4500

If the ratio of male employees to female employees in department A is 3 : 4, then the number of employees in department C is what percentage more than the number of female employees in department A (nearest to an integer)?

(a) 40
(b) 42
(c) 31
(d) 45

Q68. The ratio of two numbers A and B is 5 : 6. If 8 is subtracted from each of them, then the ratio becomes 4 : 5. What is the sum of A and B?

(a) 88
(b) 110
(c) 121
(d) 99

Q69. The value of (1/4 ÷ 3/4 (2/5 - 1/3))/(12/3 of 3/4 - 1/4 of 2/3) is:

(a) 8/195
(b) 60/13
(c) 7/195
(d) 2/195

Q70. Study the given data and answer the question that follows.

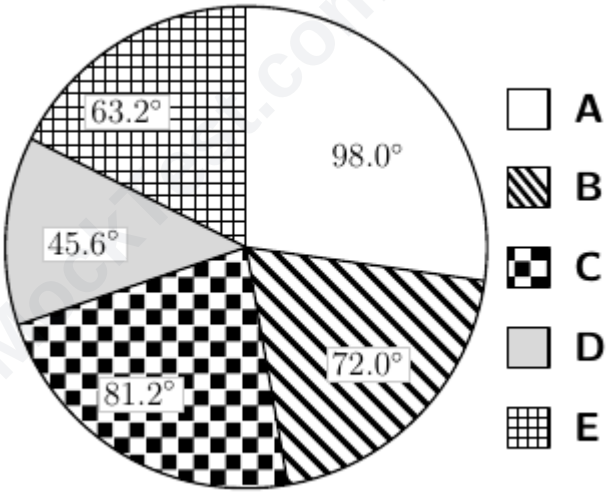
Marks	0 - 10	10 - 20	20 - 30	30 - 40	40 - 50
No. of students	3	18	5	7	16

if x is the lower limit of the median class and y is the upper limit of the modal class, then the value of (3x + 2y) is:

(a) 70
(b) 90
(c) 100
(d) 80

Q71. Study the given pie chart and answer the question that follows:

The pie chart shows the break-up of the total number of employees of a company in 2019, in five departments A, B, C, D and E.



Total number of employees = 4500

If 30% of the employees in department B are transferred to department D. then the difference between the number of employees in department C and D is x, which lies between:

(a) 176 and 180
(b) 172 and 176
(c) 164 and 168
(d) 168 and 172

Q72. If (a + b) : (b + c) : (c + a) = 7 : 4 : 5, and a + b + c =16, then ($a^2 + b^2 + c^2$) : (ab + bc + ca) is equal to:

(a) 26 : 19
(b) 23 : 15
(c) 27 : 20
(d) 24 : 17

Q73. A and B can do a certain work in 25 days and 40 days, respectively. They work together for 8 days. C alone completes the remaining work in 24 days. A and C together will complete 60% of the same work in:

(a) 9 days
(b) 12 days
(c) 10 days
(d) 8 days

Q74. The marked price of an article is Rs. 4,450. A shopkeeper allows a discount of 10% on it and gets a profit of 20%. The cost price (in Rs.) of the article is:

(a) 3,260.00
(b) 3,180.00
(c) 3,337.50

(d) 3,240.50

Q75. By selling an article for Rs. 882, a person loses 10%. If he sells it for Rs. 991.76, then the percentage loss/profit is:

(a) profit, 1.2%
(b) loss, 5%
(c) profit, 12%
(d) loss, 1.5%

GENERAL AWARENESS

Q76. The 'Second Backward Classes Commission' in 1979 was headed by:

(a) VK Sahni
(b) Jai Prakash Narayan
(c) BP Mandal
(d) BR Ambedkar

Q77. Who assassinated Michael O'Dwyer, the British official responsible for the Jallianwala Bagh massacre?

(a) Chandra Shekhar Azad
(b) Udham Singh
(c) Bhagat Singh
(d) Ram Prasad Bismil

Q78. What percent of the total geographical area of the world does India account for (rounded off to nearest whole number)?

(a) 2
(b) 5
(c) 4
(d) 1

Q79. The property of iron which allows the manufacturing of a knife by beating a hot iron block is called:

(a) lustrousness
(b) sonority
(c) malleability
(d) ductility

Q80. In which state is Naharkatiya oil field situated?

(a) Assam
(b) Gujarat
(c) Maharashtra
(d) West Bengal

Q81. What is the coloured ring of tissue behind the cornea called, that regulates the amount of light entering the eye, by adjusting the size of the pupil?

(a) Retina
(b) Iris
(c) Fovea
(d) Choroid

Q82. The fluid present between joints, that makes the movement of joints easy, is called

(a) Tendon
(b) Synovial
(c) Cartilage
(d) Bursae

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Q83. Who among the following Indian Table Tennis players clinched the ITTF Challenger Plus Oman Open 2020?

(a) Subhajit Saha
(b) Sharath Kamal
(c) Sanil Shetty
(d) Anthony Amalraj

Q84. Who among the following assumed office as Iraq's new Prime Minister in May 2020?

(a) Mohammed Allawi
(b) Adel Abdul Mahdi
(c) Mustafa al-Kadhimi
(d) Adnan al-Zurfi

Q85. Who was the last king of the Mauryan dynasty?

(a) Devavarman
(b) Brihadratha
(c) Samprati
(d) Satadhanvan

Q86. As per a survey conducted in 2019-2020 by the World Bank, what is India's global rank in the category of 'New Firms Created'?

(a) Third
(b) Second
(c) Sixth
(d) First

Q87. What is the minimum amount which can be remitted through Real Time Gross Settlement (RTGS)?

(a) Rs. 5,00,000
(b) Rs. 2,00,000
(c) Rs. 3,00,000
(d) Rs. 1,00,000

Q88. Which of the following instruments is normally played in a vertical position and with an arched bow?

(a) Shehnai
(b) Veena
(c) Sitar
(d) Sarangi

Q89. Which of the following is the Jain festival, celebrated for eight days by the Svetambaras, and for ten days as Dasalaksanaparvan by the Digambaras?

(a) Paryushana
(b) Kartik Poornima
(c) Navpad Oli
(d) Jnan Panchami

Q90. In which state is Khangchendzonga Biosphere Reserve located?

(a) Sikkim
(b) Jharkhand
(c) Himachal Pradesh
(d) Kerala

Q91. As per Article 80 of the Constitution of India, the total number of members of the Rajya Sabha cannot be more than:

(a) 235
(b) 260
(c) 240
(d) 250

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Q92. Who among the following won the All England Open Badminton Championship Men's Singles 2020 title?

(a) Lin Dan
(b) Lee Chong Wei
(c) Chou Tien-chen
(d) Viktor Axelsen

Q93. Who among the following presides over the joint sitting of the two Houses of Parliament?

(a) Chairman of the Rajya Sabha
(b) Deputy Chairman of the Rajya Sabha
(c) Union Minister of Parliamentary Affairs
(d) Speaker of the Lok Sabha

Q94. Who among the following was appointed as Finance Secretary in March 2020?

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

Q95. Which of the following mirror is used in vehicles as a headlight?

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

Q96. In the Mughal provincial administration, broadly speaking, Diwani meant:

(a) criminal jurisprudence and jail administration
(b) revenue administration
(c) administration of law and order and criminal justice
(d) criminal justice system

Q97. Rukmini Devi Arundale is associated with which of the following dance forms?

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

Q98. In which year did the Government of India introduce value-added tax (VAT) as an indirect tax in the Indian taxation system to replace the existing general sales tax?

(a) 2007
(b) 2005
(c) 2013
(d) 2011

Q99. Sarita Joshi, one of the recipients of Padma Shri 2020, has received the award in the domain of:

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

Q100. Which of the following converts glucose into glycogen (a complex carbohydrate used for storage) and amino acids into proteins?

(a) Liver
(b) Small intestine
(c) Large intestine
(d) Lungs

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ANSWER KEY

1	a	2	a	3	a	4	a	5	a	6	a	7	a	8	a	9	a	10	a
11	a	12	a	13	a	14	a	15	a	16	a	17	a	18	a	19	a	20	a
21	a	22	a	23	a	24	a	25	a	26	a	27	a	28	a	29	a	30	a
31	a	32	a	33	a	34	a	35	a	36	a	37	a	38	a	39	a	40	a
41	a	42	a	43	a	44	a	45	a	46	a	47	a	48	a	49	a	50	a
51	a	52	a	53	a	54	a	55	a	56	a	57	a	58	a	59	a	60	a
61	a	62	a	63	a	64	a	65	a	66	a	67	a	68	a	69	a	70	a
71	a	72	a	73	a	74	a	75	a	76	a	77	a	78	a	79	a	80	a
81	a	82	a	83	a	84	a	85	a	86	a	87	a	88	a	89	a	90	a
91	a	92	a	93	a	94	a	95	a	96	a	97	a	98	a	99	a	100	a

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