SSC MTS Previous Year Paper (Held on: 18 Oct 2021 Shift 2)

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

Take this paper as a timed mock test

Practise under exam conditions, then review your answers after you submit.

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Scan the QR code or click the link to open it.

GENERAL ENGLISH

Q1. Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

Life's many events give shape to a person's individuality.

(a) give shaping to
(b) had shaped with
(c) are given shapes
(d) No substitution required

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

Only those children _____ are below fifteen can take part in this competition.

(a) who
(b) which
(c) that
(d) whom

Q3. Select the most appropriate meaning of the given idiom.

Tighten one's belt

(a) To lose one's job
(b) To make efforts to be slim
(c) To stop working full time
(d) To cut one's expenditure

Q4. Select the most appropriate option to fill in the blank.

The best way to learn a language is to spend some time in the ____ country where it is spoken.

(a) peculiar
(b) definite
(c) special
(d) particular

Q5. Select the INCORRECTLY spelt word.

(a) Eclispe
(b) Economic
(c) Echo
(d) Ecology

Q6. Select the most appropriate word for the given group of words.

To keep away from

(a) Devote
(b) Confront
(c) Fight
(d) Avoid

Q7. Select the most appropriate option to substitute the underlined segment in the given sentence.

If my uncle were here now, he knows what to do.

(a) would know
(b) will know
(c) will be knowing
(d) would have known

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

_____ the boys were afraid at heart, they decided to stay on in the jungle.

(a) So that
(b) Because
(c) Although
(d) In case

Q9. Identify the segment that contains a grammatical error. If there is no error, select 'No error'.

This monument is the older building in this area.

(a) in this area
(b) No error
(c) is the older building
(d) This monument

Q10. Select the most appropriate option to fill in the blank.

If you want good seats, I _____ you buy the tickets in advance.

(a) claim
(b) suggest
(c) imply
(d) intend

Q11. Identify the segment that contains a grammatical error. If there is no error, select 'No error'.

The policeman wanted punish the boy severely.

(a) the boy severely
(b) wanted punish
(c) The policeman
(d) No error

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

THRIVE

(a) Prosper
(b) Shrink
(c) Develop
(d) Shine

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

AMIABLE

(a) Bitter
(b) Rude
(c) Aloof
(d) Friendly

Q14. Select the most appropriate word for the given group of words.

A mass of wax cells built by honey bees to store honey

(a) Aviary
(b) Honeycomb
(c) Beehive

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(d) Apiary

Q15. Identify the segment that contains a grammatical error. if there is no error, select 'No error'.

During the summer months, there is shortage of power in much parts of the country.

(a) No error
(b) During the summer months,
(c) in much parts of the country
(d) there is shortage of power

Q16. Select the most appropriate meaning of the given idiom.

Be Off

(a) To not eat anything
(b) To be in a bad mood
(c) To switch off the light
(d) To go away

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

DECREASE

(a) Grow
(b) Decline
(c) Increase
(d) Ascend

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'.

As she wants to lose weight, she was started running.

(a) has started
(b) were starting
(c) is started
(d) No substitution required

Q19. Select the INCORRECTLY spelt word.

(a) Mattress
(b) Matrix
(c) Matriachy
(d) Material

Q20. Select the most appropriate ANTONYM of the given word.

SUCCEED

(a) Win
(b) Achieve
(c) Gain
(d) Lose

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.

Eighty merchants of London came together in the year 1600 (1) ____ the East India Company. They wanted to enter (2) business with Indian traders in the fields of textile and spices. They (3) _ inspired by the Portuguese and the Dutch who were (4) a flourishing trade in spices and earning huge (5) ___.

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

(a) to form
(b) formed
(c) form
(d) to forming

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

(a) on
(b) inside
(c) into
(d) at

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

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

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

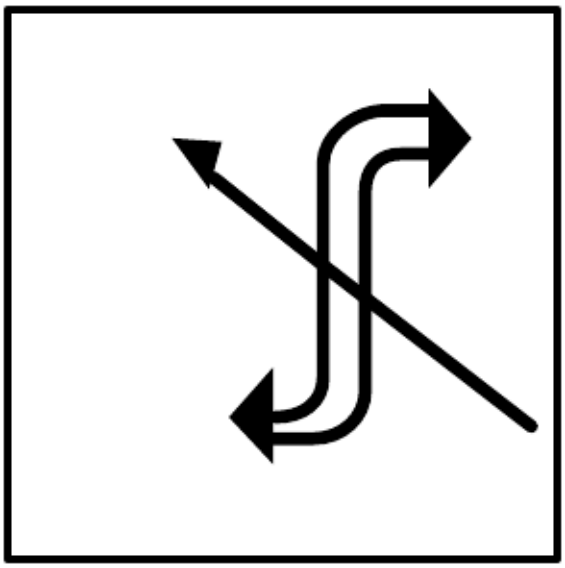
(a) setting about
(b) pulling on
(c) getting out
(d) carrying on

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

(a) proceeds
(b) profits
(c) advantages
(d) benefits

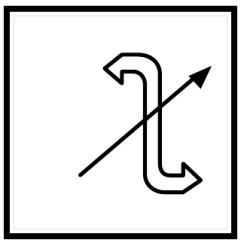
GENERAL INTELLIGENCE & REASONING

Q26. Select the correct mirror image of the given figure when the mirror is placed to the right side of the figure.

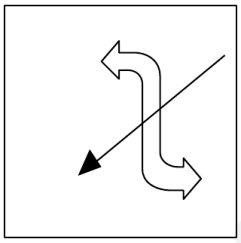


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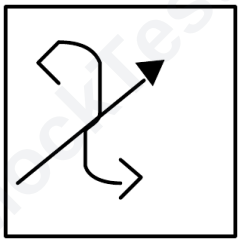
(a)



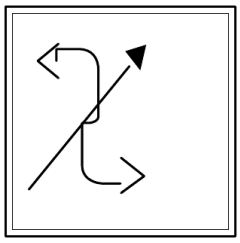
(b)



(c)



(d)



Q27. Select the correct alternative to indicate the sequential order of the following terms in a meaningful manner.

1. Heart
2. Pelvis
3. Cornea
4. Kidney
5. Pinna

(a) 3 - 5 - 1 - 4 - 2
(b) 3 - 5 - 4 - 1 - 2
(c) 2 - 1 - 4 - 3 - 5
(d) 5 - 3 - 1 - 4 - 2

Q28. 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.

Ocean : Sea : : Happiness : _____.

(a) Prosperity
(b) Joy
(c) Peace
(d) Hopeful

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Q29. If in a coding system CHARITY is coded as 107 and DAYTIME is coded as 114, then how will PENALIZE be coded in the same coding system?

(a) 90
(b) 126
(c) 130
(d) 88

Q30. 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 books are novels.

All novels are texts.

Conclusions:

I. All texts are novels.

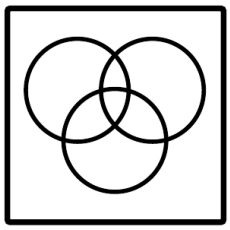
II. Some books are texts.

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

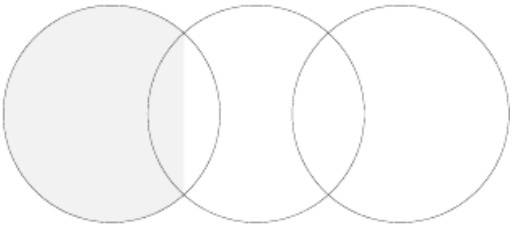
Q31. Select the Venn diagram that best illustrates the relationship between the following classes.

Men, Tennis players, Women

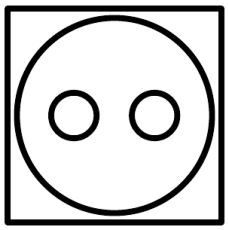
(a)



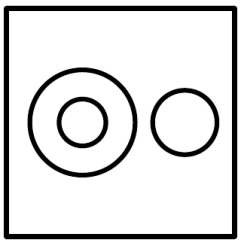
(b)



(c)



(d)



Q32. Which number will replace the question mark (?) in the following number series?

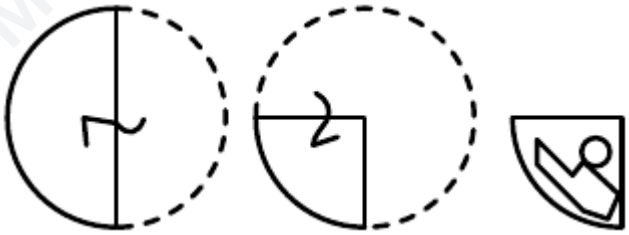
12, 24, 36, 46, 56, ?, 72

(a) 64
(b) 62
(c) 65
(d) 66

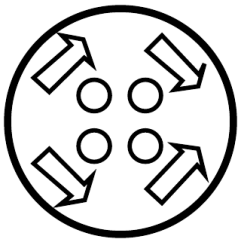
Q33. The way 'Stitching' is related to 'Thread', in the same way 'Writing' is related to '_____'.

(a) Ink
(b) Pen
(c) Nib
(d) Paper

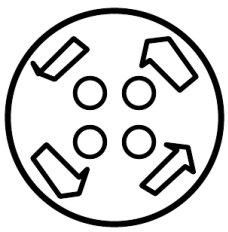
Q34. A paper is folded and cut as shown in the following figures. How will it appear when unfolded?



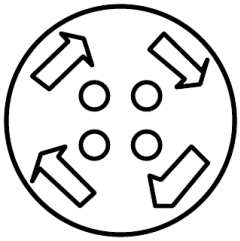
(a)



(b)

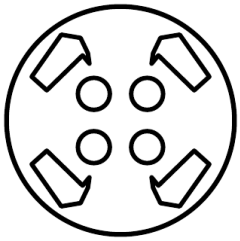


(c)

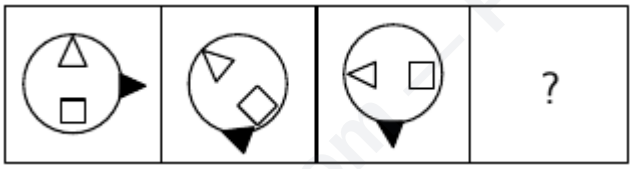


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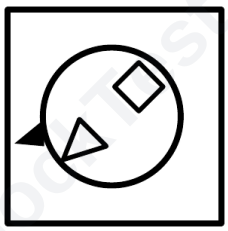
(d)



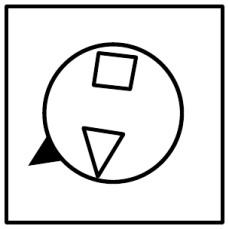
Q35. Select the option figure that will replace question mark (?) in the following figure series.



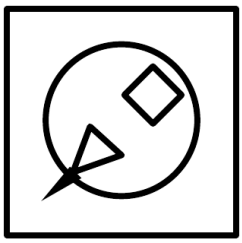
(a)



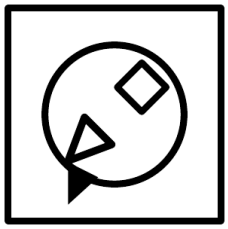
(b)



(c)

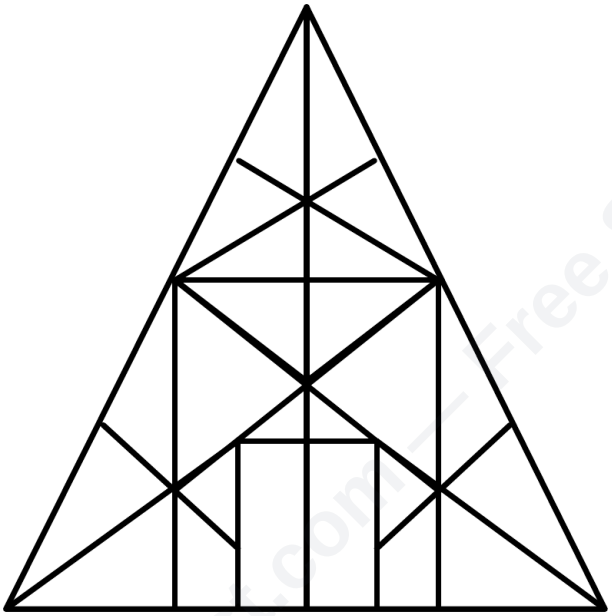


(d)

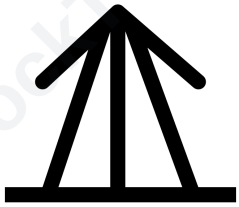


Q36. Identify the option figure that completes the given pattern.

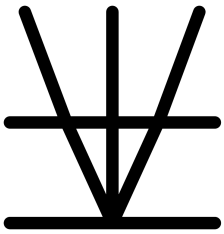
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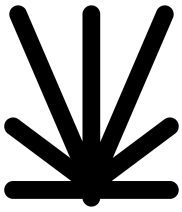
(a)



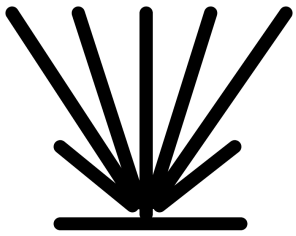
(b)



(c)



(d)



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Q37. Which number will replace the question mark (?) in the following number series?

48, 32, 23, 19, ?

(a) 17
(b) 18
(c) 20
(d) 19

Q38. Which two digits and signs can be interchanged so as to balance the given equation?

46 × 6 + 32 – 12 ÷ 8 = –34

(a) 4 and 6; ÷ and +
(b) 3 and 2; × and –
(c) 6 and 2; + and ×
(d) 8 and 6; ÷ and ×

Q39. 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.

GOVERN : VRONGE : : MOCKERY : _____.

(a) YRKECOM
(b) YROMKEC
(c) YROMEKC
(d) YREKCOM

Q40. If in a coding system DAYCARE is coded as 54 and JOURNEY is coded as 105, then how will FURTHER be coded in the same coding system?

(a) 99
(b) 98
(c) 96
(d) 93

Q41. If (division) ÷ is interchanged with (addition) +, and (multiply) × is interchange with (substraction) –, then which of the following equations is correct?

(a) 24 + 84 ÷ 12 – 16 × 7 = 129
(b) 24 × 84 + 12 ÷ 16 – 7 = 129
(c) 24 – 84 ÷ 12 + 16 × 7 = 129
(d) 24 – 84 ÷ 12 × 16 + 7 = 129

Q42. Five persons P, Q, R, S and T are sitting around a pentagon table facing the centre. T is immediate left to R, who is second right to P. Q is immediate left to S, who is exact left to P. Who is sitting exact right to P?

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

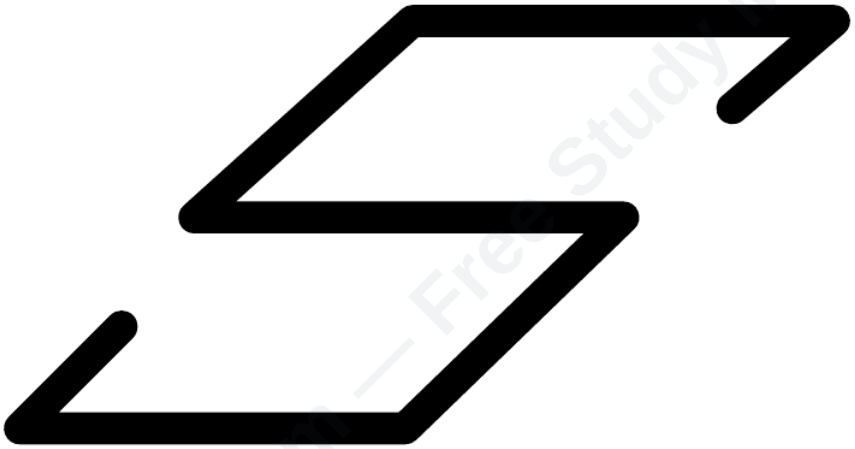
Q43. Select the option in which the number-pair shares the same relationship as shared by the following number-pair.

96 : 81

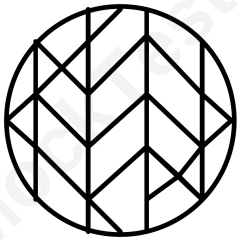
(a) 72 : 63
(b) 104 : 96
(c) 84 : 75
(d) 92 : 80

Q44. Identify the option in which the following figure is embedded (rotation is NOT applicable).

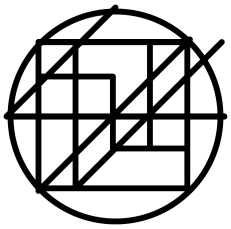
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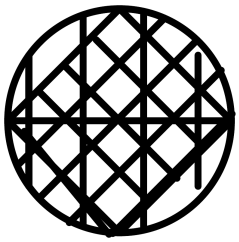
(a)



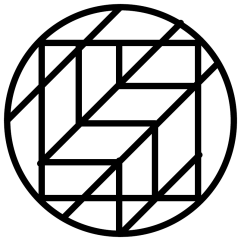
(b)



(c)



(d)



Q45. 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 computers are boxes.

All boxes are printers.

Conclusions:

I. All printers are computers.

II. All computers are printers.

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

Q46. In a certain code language, if SIBLING is written as YOHROTM, then how will OFFICER be written in the same code language?

(a) UMMOIKX
(b) ULLOIKX
(c) VLLOIJX
(d) CIFFORE

Q47. Ritik is ranked 6^(th) from top in his class, while Akshay is 18^(th) from bottom. If their position is interchanged, Akshay gets 15^(th) from bottom. What is the number of students in the class?

(a) 21
(b) 32
(c) 20
(d) 23

Q48. In a certain code language, if MULTIPLE is written as EILLMPTU, then how will RAVENING be written in the same code language?

(a) AREVINGN
(b) AEIGNNVR
(c) AEGINNRV
(d) EVARGNIN

Q49. Which letter cluster will replace the question mark (?) in the following letter series?

WAS, YCU, AEW, ?

(a) CGY
(b) HLD
(c) FJB
(d) GKC

Q50. Select the option in which the numbers are related in the same way, as the numbers of the following set.

56 : 90 : 132

(a) 72 : 110 : 156
(b) 89 : 110 : 131
(c) 88 : 102 : 120
(d) 76 : 95 : 116

NUMERICAL APTITUDE

Q51. A right circular cone is inscribed in a cube of side 9 cm occupying the maximum space possible. What is the ratio of the volume of the cube to the volume of the cone?

(Take π = 22/7)

(a) 11 : 42
(b) 22 : 81
(c) 42 : 11
(d) 81 : 22

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Q52. Jack takes thrice as much time as Peter and twice as much as Justin to finish a work; working together they can finish the work in 15 days. The time (in days) Justin will take to finish the work alone is:

(a) 90
(b) 45
(c) 60
(d) 75

Q53. Four solid cubes, each of volume 1728 cm^3, are kept in two rows having two cubes in each row. They form a rectangular solid with square base. The total surface area (in cm^2) of the resulting solid is:

(a) 1440
(b) 576
(c) 1152
(d) 2304

Q54. A sum of Rs. 3,900 is divided among P, Q and R such that R receives two-fifths of P's share and Q receives three times of R's share. What is Q's share (in Rs.)?

(a) 1,200
(b) 600
(c) 1,500
(d) 1,800

Q55. Two similar cylindrical jugs have heights 5 cm and 8 cm, respectively. If the capacity of the smaller jug is 64 cm^3, what is the capacity (correct to 2 decimal places, in cm^3) of the larger jug?

(a) 163.84
(b) 102.40
(c) 294.54
(d) 262.14

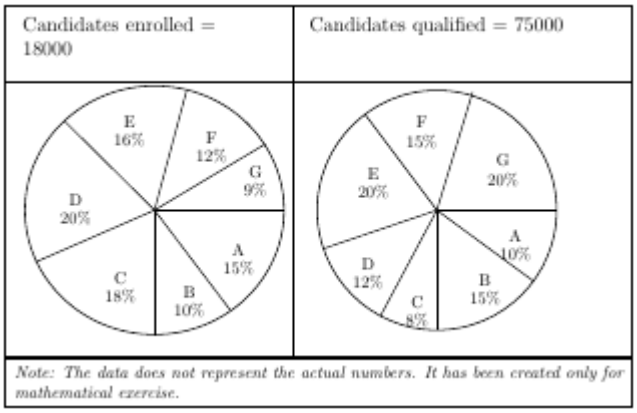
Q56. The numbers 8, 9, 11, 15, 17, 21 and N are arranged in ascending order. The mean of these numbers is equal to the median of the numbers. The value of N is:

(a) 26
(b) 25
(c) 22
(d) 24

Q57. The given pie charts show the number of candidates who enrolled for a medical entrance examination in 2010 and those who qualified the examination in seven medical institutes of India.

The total number of candidates who appeared for the entrance examinations were 1,80,000, and those who qualified were 75,000.

Study the charts carefully and answer the question that follows.



The combined number of candidates who qualified for institutes B and E is what percentage (correct to one place of decimal) of the combined number of candidates who enrolled for institutes C and D?

(a) 34.7%

(b) 38.4%
(c) 69.4%
(d) 48.6%

Q58. P and Q are two towns. A man drives from P to Q at an average speed of 50 km/h. He stops at Q for 4 hours and then heads back to P at an average speed of 40 km/h following the same route. What is his average speed (in km/h correct to two decimal places) if he takes 22 hours for the entire trip?

(a) 48.48
(b) 36.36
(c) 42.42
(d) 45.00

Q59. The selling price of a chair is 33/20 times its cost price. What is the gain or loss percentage in the transaction?

(a) Gain, 65%
(b) Gain, 35%
(c) Loss, 65%
(d) Loss, 35%

Q60. A girl cycles from A to B, a distance of 25 km in 2 hours 20 minutes. The road from A is a levelled road for 15 km and then it slopes down to B. The average speed of the girl on the levelled road is 10 km/h. Her average downhill speed (in km/h) is:

(a) 10
(b) 15
(c) 12
(d) 18

Q61. A trader purchased 500 kg of sugar at Rs. 40 per kg. He sold 200 kg of it at a profit of 10% and 120 kg at a loss of 5%. At what rate per kg (in Rs., correct to 2 decimal places) should be sell the remaining sugar to gain 12% on his initial investment?

(a) 52.33
(b) 44.80
(c) 50.22
(d) 48.67

Q62. The price of a semi-precious stone weighing 48 g, is Rs. 2,30,400. It is broken into two pieces whose weights are in the ratio of 5 : 7. If the price is proportional to the square of the weight, then the loss (in Rs.) incurred, is:

(a) 1,18,400
(b) 78,400
(c) 40,000
(d) 1,12,000

Q63. A can do a piece of work in 8 days while B alone can do it in 12 days. They work together for 4 days and the remaining work is completed by C alone in 4 days. They are paid Rs. 7,200 for the completion of the entire work. The earnings of A, B and C, respectively, are:

(a) Rs. 2,400, Rs. 2,400, Rs. 2,400
(b) Rs. 3,000, Rs. 3,000, Rs. 1,200
(c) Rs. 4,000, Rs. 2,400, Rs. 800
(d) Rs. 3,600, Rs. 2,400, Rs. 1,200

Q64. The number of students in three sections of Grade 10 in a school are in the proportion 3 : 5 : 8. If 15, 30 and 15 more students are admitted in the three sections, respectively, the new proportion becomes 4 : 7 : 9. The total number of students before the new admissions is:

(a) 240
(b) 160
(c) 320
(d) 400

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Q65. An employee gets two successive increments in his salary, as a result of which his salary becomes 2.5 times initial salary. What was his first percentage increment, if the second percentage increment was 4 times as high as the first?

(a) 50%
(b) 10%
(c) 25%
(d) 12%

Q66. The marks obtained by a student in Mathematics, Chemistry and Physics are, respectively, 195 out of 200, 133 out of 180 and 153 out of 160. His average score in percent (correct to one decimal place) is:

(a) 89.1
(b) 96.2
(c) 86.7
(d) 84.6

Q67. In the last two weeks of a sale, prices are reduced by 40%, followed by a discount of 25%. What is the final sale price (to the nearest rupee) of a microwave oven that originally costs Rs. 15,485?

(a) 5,419
(b) 6,869
(c) 10,065
(d) 6,968

Q68. What is the smallest number which when divided by 72 and 96, respectively, leaves a remainder 5 in each case?

(a) 581
(b) 283
(c) 293
(d) 571

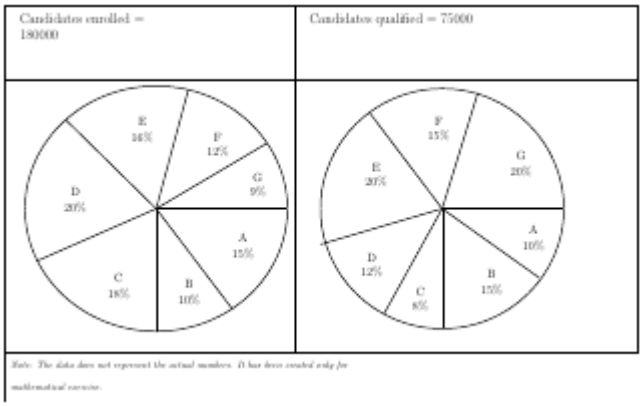
Q69. What is the simplified value of (9 ÷ 9 of 9 + 9)/(9 ÷ 9 × 9 + 9) ?

(a) 41/81
(b) 81/41
(c) 1/324
(d) 1

Q70. The given pie charts show the number of candidates who enrolled for a medical entrance examination in 2010, and those who qualified the examination in seven medical institutes of India.

The total number of candidates who appeared for the entrance examination were 1,80,000, and those who qualified were 75,000.

Study the charts carefully and answer the question that follows.



Which of the following institutes has the highest percentage of qualified candidates with respect to the number of candidates enrolled in that institute?

Given that the number of candidates enrolled in institutes B, E, F and G are 18,000, 28,800, 21,600 and 16,200, respectively.

(a) F

(b) E
(c) B
(d) G

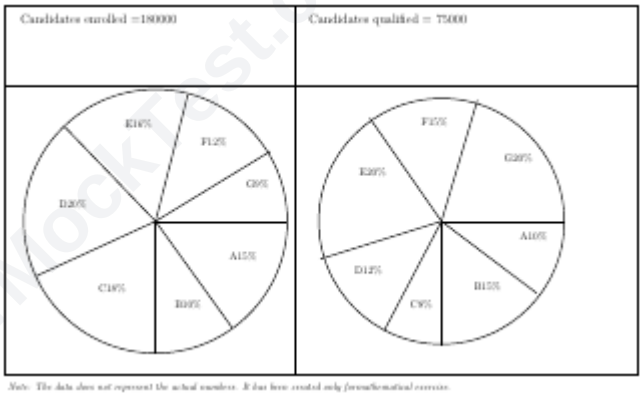
Q71. The average age of a 10-person committee increases by 3 when three men aged 35 years. 48 years and 49 years are substituted by three women. The average age (in years) of the three women is:

(a) 54
(b) 64
(c) 44
(d) 74

Q72. The given pie charts show the number of candidates who enrolled for a medical entrance examination in 2010, and those who qualified the examination in seven medical institutes of India.

The total number of candidates who appeared for the entrance examination were 1,80,000, and those who qualified were 75,000.

Study the charts carefully and answer the question that follows.



What is the ratio of the number of candidates who enrolled in institute A to the number of candidates who qualified in institute G?

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

Q73. A certain sum of money becomes 4 times in 12 years when invested at simple interest. In how many years will it become 10 times of itself at the same rate?

(a) 60
(b) 36
(c) 24
(d) 48

Q74. A man borrowed money and paid back in two equal amount installments of Rs. 1,089, at 10% compound interest compounded annually for 2 years. What was the sum (in Rs.) borrowed?

(a) 1,800
(b) 1,890
(c) 2,090
(d) 2,178

Q75. The value of 12 × [(9 - 4) ÷ {(8 ÷ 8 of 4) + (4 ÷ 4 of 2)}] is:

(a) 15/2
(b) 80
(c) 20
(d) 15/4

GENERAL AWARENESS

Q76. Who among the following was the first-ever Indian to receive the Bharat Ratna award?

(a) Purushottam Das Tandon
(b) Mokshagundam Visvesvaraya
(c) Chandrasekhara Venkata Raman
(d) Pandurang Vaman Kane

Q77. With which country does India share the longest border?

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

Q78. In which year was the 'Pradhan Mantri Annadata Aay Sanrakshan Abhiyan' (PM- AASHA) launched by the Government of India?

(a) 2015
(b) 2017
(c) 2018
(d) 2016

Q79. Who among the following has won the 2020 Pulitzer Prize in the category of fiction?

(a) Colson Whitehead
(b) W Caleb McDaniel
(c) Michael R Jackson
(d) Christopher Knight

Q80. Mahatma Gandhi returned to India from South Africa in:

(a) August 1915
(b) January 1915
(c) November 1915
(d) February 1915

Q81. The sorting, tagging, packaging, and distribution of lipids and proteins in the human body take place in the:

(a) Golgi apparatus
(b) peroxisomes
(c) lysosomes
(d) endoplasmic reticulum

Q82. Friction depends on the smoothness of the surfaces. The force of friction always _____ the applied forces.

(a) opposes
(b) adds up to
(c) reflects
(d) conducts

Q83. In 2020, the Deposit Insurance and Credit Guarantee Corporation (DICGC) was permitted to increase deposit insurance coverage to _____.

(a) Rs. 1 lakh
(b) Rs. 7 lakh
(c) Rs. 5 lakh
(d) Rs. 3 lakh

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Q84. Who among the following founded the Arya Samaj in 1875?

(a) Keshab Chandra Sen
(b) Dayanand Saraswati
(c) Ram Mohan Roy
(d) Mahadev Govind Ranade

Q85. What is the approximate length of India's coastline, including island territories?

(a) 5516.6 kilometres
(b) 7516.6 kilometres
(c) 9516.16 kilometres
(d) 11098.81 kilometres

Q86. A Panchayat continues for _____ from the date appointed for its first meeting.

(a) 11 years
(b) 14 years
(c) 5 years
(d) 9 years

Q87. The 'Dhangari Gaja' traditional folk dance belongs to which of the following states?

(a) Madhya Pradesh
(b) Maharashtra
(c) Meghalaya
(d) Manipur

Q88. Which of the following rivers fall into the Arabian Sea?

(a) Tapi
(b) Ganges
(c) Yamuna
(d) Brahmaputra

Q89. Chhannulal Mishra, the recipient of the Padma Vibhushan 2020, has received the award in the domain of:

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

Q90. When the breakdown of food (glucose) occurs without the use of oxygen, it is called:

(a) capillary respiration
(b) cellular respiration
(c) anaerobic respiration
(d) aerobic respiration

Q91. The Indian National Congress was founded in December 1885 at:

(a) Lucknow
(b) Calcutta
(c) Delhi
(d) Bombay

Q92. Which of the following States has a Legislature Council?

(a) West Bengal
(b) Gujarat
(c) Uttar Pradesh
(d) Tamil Nadu

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Q93. A simple pendulum consists of a small metallic ball or a piece of stone suspended from a rigid stand by a thread. The metallic ball is called the _____ of the pendulum.

(a) bob
(b) knob
(c) hinge
(d) head

Q94. Which Indian cricketeer has featured in the most number of international cricket matches?

(a) Mahendra Singh Dhoni
(b) Mohammed Azharuddin
(c) Sourav Ganguly
(d) Sachin Tendulkar

Q95. The Speaker of the House of the People may submit his resignation to the:

(a) Deputy Speaker of the House of the People
(b) Vice-President
(c) Prime Minister
(d) President

Q96. Which of the following government schemes was launched with the objective of achieving inclusive growth, by developing skills and productive capacity of the rural youth from poor families?

(a) Pandit Deendayal Upadhyay Shramev Jayanti Yojana (PDUSJY)
(b) Mission Indradhanush
(c) Deen Dayal Upadhyaya Grameen Kaushalya Yojana (DDUGKY)
(d) Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY)

Q97. Which soccer player holds the distinction of having the most wins of the FIFA World Cup by any player?

(a) Zinedine Zidane
(b) Diego Maradona
(c) George Best
(d) Pele

Q98. Who among the following founded the Asiatic Society of Bengal in 1784?

(a) Jonathan Duncan
(b) Lord Cornwallis
(c) William Jones
(d) Warren Hastings

Q99. With which dance form is the noted classical dancer Shovana Narayan associated?

(a) Mohiniyattam
(b) Kuchipudi
(c) Kathak
(d) Manipuri

Q100. After full moon day, every night the size of the bright part of the moon appears to become thinner and thinner. On the fifteenth day, the moon is not visible. This day is known as:

(a) new moon day
(b) half-moon day
(c) full moon day
(d) moon day

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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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