SSC MTS Previous Year Paper (Held on: 13 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 option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

Prema's exceptional good looks always distinguish her from the rest of her sisters.

(a) distinguishing
(b) No substitution required
(c) distinguishes
(d) are distinguish

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

BRIGHT

(a) Colourful
(b) Bleak
(c) Charming
(d) Active

Q3. Select the INCORRECTLY spelt word.

(a) Receive
(b) Conceive
(c) Seive
(d) Perceive

Q4. Select the word which means the same as the group of words given.

A person who knows everything

(a) Omnipresent
(b) Omniscient
(c) Omnipotent
(d) Omnivorous

Q5. Select the most appropriate meaning of the given idiom.

A rotten apple

(a) A time when things are left to spoil
(b) A single bad person or thing in a group
(c) A single moment when things change
(d) A tree which gives poor produce

Q6. Select the word which means the same as the group of words given.

Scientific study of mind and behaviour

(a) Philosophy
(b) Astrology
(c) Neurology
(d) Psychology

Q7. 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'.

The children have been quarrelling all the time, are they?

(a) have they
(b) haven't they
(c) aren't they
(d) No substitution required

Q8. Identify the segment in the sentence which contains a grammatical error.

Rohit said that he would save me from been scold by father.

(a) said that
(b) he would
(c) save me
(d) been scold

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

INEXPENSIVE

(a) Costly
(b) Attractive
(c) Cheap
(d) Unaffordable

Q10. Select the most appropriate meaning of the given idiom.

Giving a false alarm

(a) A situation when people ring an alarm bell to frighten everybody just for fun
(b) A situation when people wrongly think that something bad is going to happen
(c) A situation when people don't think that something is good and the opposite happens
(d) A situation when things go wrong and everything bad happens

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

Both Renu and her sister is very tall and are in the basketball team.

(a) in the basketball team
(b) is very tall
(c) and her sister
(d) and are

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

_____ it was snowing we decided to carry on driving in the mountains.

(a) However
(b) If
(c) Unless
(d) Though

Q13. 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.'

Aren't it difficult to drive a car in a crowded city?

(a) No substitution required
(b) Hasn't
(c) Isn't
(d) Hadn't

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Q14. Select the most appropriate ANTONYM of the given word.

NATIVE

(a) Resident
(b) Heavenly
(c) Free
(d) Alien

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

Most countries are now beginning to show a _____ in their economy and there's a sense of relief.

(a) downturn
(b) setback
(c) growth
(d) dismay

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

We were not able to watched the movie due to lockdown.

(a) able to watched
(b) the movie
(c) were not
(d) due to

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

INVESTIGATE

(a) Discover
(b) Reveal
(c) Search
(d) Prepare

Q18. Select the most appropriate word to fill in the blank.

The Registrar informed the candidate that the last date _____ submission of forms was over.

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

Q19. Select the most appropriate word to fill in the blank.

My joy knew no _____ when I met my family after five years.

(a) pleasure
(b) attention
(c) sadness
(d) bounds

Q20. Select the INCORRECTLY spelt word.

(a) Tuition
(b) Grammar
(c) Defination
(d) Allergy

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.

For the past few months, Twinkle and Himanshu Kalia have been relentlessly (1)____ to ensure that Covid patients and those suspected to (2)__ reach the hospital by providing them ambulance service. Twinkle and her husband (3)__ drive two of their fleet of 10 private ambulances. Twinkle herself caught the virus (4)__ driving patients to hospitals or funeral grounds. But she did

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not (5)____ her work and started working once she was fit.

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

(a) working
(b) worked
(c) works
(d) work

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

(a) had affected
(b) have affected
(c) be affected
(d) be affect

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

(a) herself
(b) themselves
(c) itself
(d) ourselves

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

(a) since
(b) for
(c) while
(d) because

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

(a) escape
(b) redeem
(c) continue
(d) abandon

GENERAL INTELLIGENCE & REASONING

Q26. In a certain code language, SQUARE is coded as RP51Q2 and CUBE is coded as B5A2. How will TRIANGLE be coded in the same language?

(a) SQ114HM2
(b) 5S11OHM2
(c) SQ31MFK2
(d) SQ13FMK2

Q27. In a certain code language, SWIM is written as HDRN. How will CLEAR be written in the same code language?

(a) YOZUR
(b) OVXZR
(c) XVOIZ
(d) XOVZI

Q28. Five students Ahmad, Rohit, Charu, Deeksha and Chinmayi, are setting in a row facing you such that Deeksha is on the left of Charu and Rohit is on the right of Chinmayi. Ahmad is one the right of Charu and Rohit is on the left of Deeksha. If Chinmayi occupies a corner position, then who is sitting in the centre?

(a) Rohit
(b) Deeksha
(c) Charu
(d) Ahmad

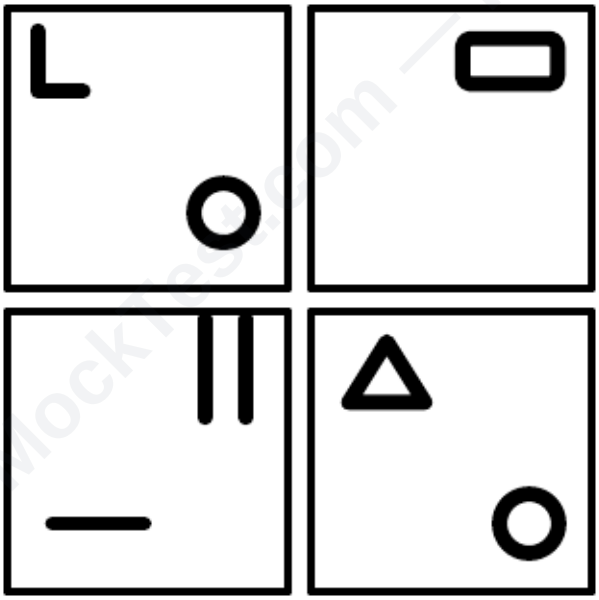
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Q29. Study the following series carefully and select the option that represents the value of B.

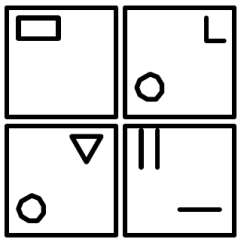
7	21	84	420
15	45	A	B

(a) 720
(b) 850
(c) 900
(d) 950

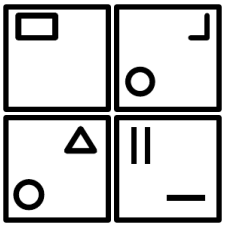
Q30. Select the correct mirror image of the given figure when the mirror is placed to the right side of the figure.



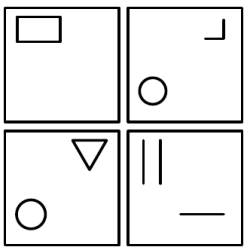
(a)



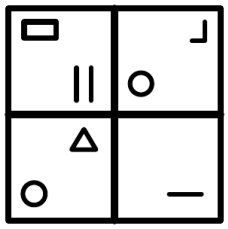
(b)



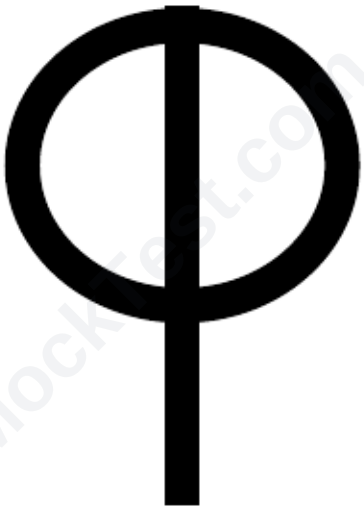
(c)



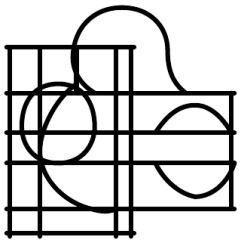
(d)



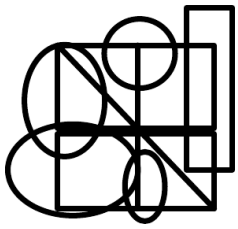
Q31. Select the option in which the given figure is embedded (rotation is NOT allowed).



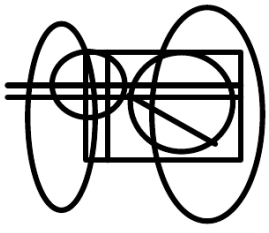
(a)



(b)

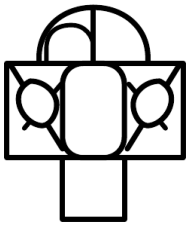


(c)



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(d)



Q32. Select the option which is related to the third letter-group in the same way as the second letter-group is related to the first letter-group.

Protection : Shield :: Exposure : ?

(a) injury
(b) cover
(c) threaten
(d) Disclosure

Q33. Select the option that is related to the third number in the same way as the second number is related to the first number.

75 : 9 :: 15 : ?

(a) 13
(b) 45
(c) 135
(d) 225

Q34. Three statements are given, followed by three conclusions numbered I, II and III. Assuming that the information given in the statements is true, even if it appears to be different than commonly known facts, decide which of the conclusions logically follow(S) from the statements.

Statements:

1. No leaves are greens.

2. All fruits are greens.

3. Some sweets are fruits.

Conclusions:

I. No leaves are fruits.

II. All sweets are greens.

III. Some leaves can be greens.

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

Q35. In a certain code language, SOCKS is written as OKYGO. How will GLORY be written in the same code language?`

(a) CKHNU
(b) CKHUM
(c) CHKMC
(d) CHKNU

Q36. 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.

ACTION : EXPNSI :: SISTER : ?

(a) UDPZIM
(b) WDOYIM
(c) VDOYIN
(d) WEOZJN

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Q37. Select the option that is related to the third term in the same way as the second term is related to the first term.

Pencil : Sharpener :: Wood :?

(a) Rubber
(b) Tree
(c) Axe
(d) Screwdriver

Q38. Two statements are given, followed by two conclusions numbered I and II. Assuming that the information given in the statements given in the statements is true, even if it appears to be different than commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

1. All spoons are rounds.

2. All rounds are shapes.

Conclusions:

I. Some shapes are rounds.

II. All spoons are shapes.

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

Q39. Select the number that can replace the question mark (?) in the following series.

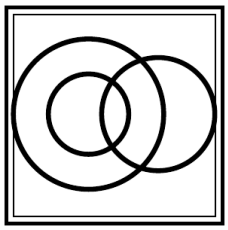
7, 8, 15, 18, 23, 28, 31, 38, ?

(a) 39
(b) 48
(c) 45
(d) 43

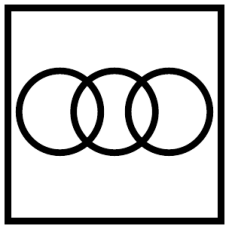
Q40. Select the Venn diagram that best illustrates the relationship between the following classes.

Diary, Pages, Pen

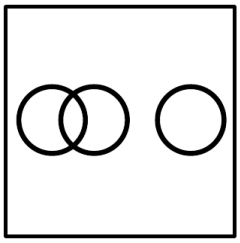
(a)



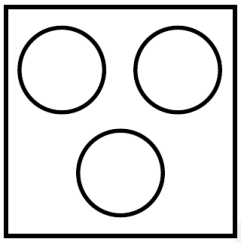
(b)



(c)



(d)

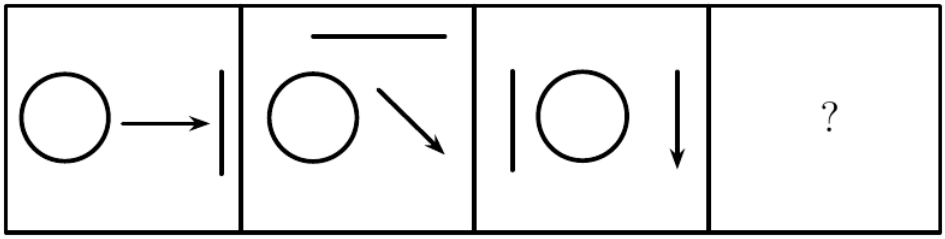


Q41. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

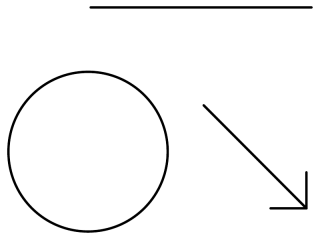
3	5	13
8	12	92
8	16	?

(a) 120
(b) 124
(c) 128
(d) 136

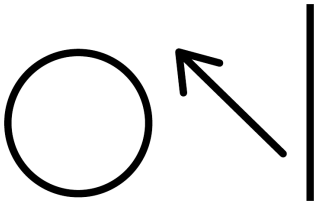
Q42. Select the option figure that will replace question mark (?) in the following figure series.



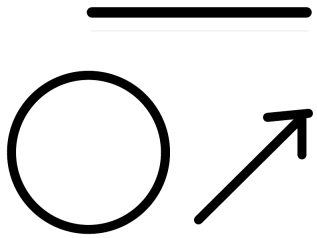
(a)



(b)



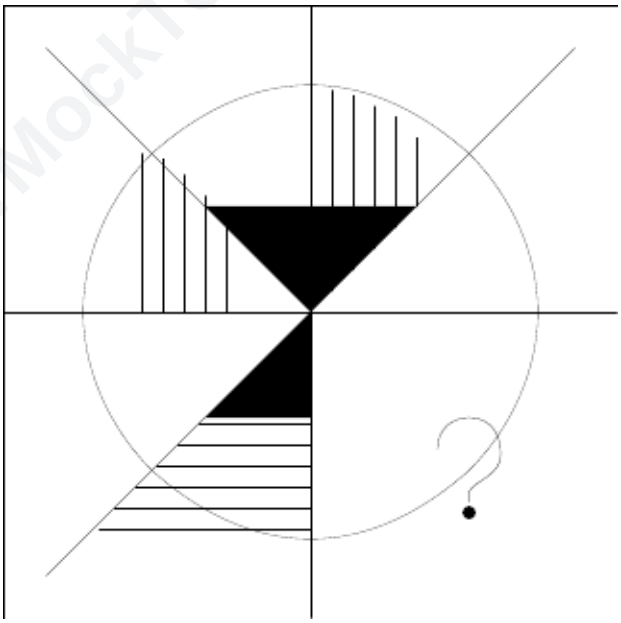
(c)



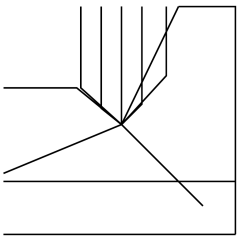
(d)



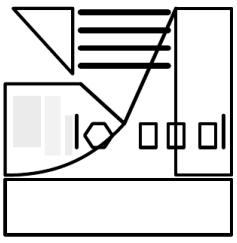
Q43. Given below is pattern out of which a section has been cut. Select the option which, when placed correctly, will complete the pattern.



(a)

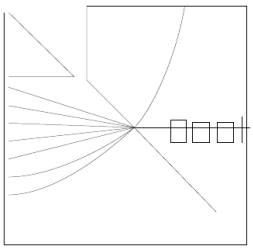


(b)

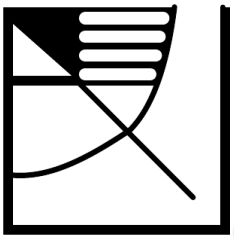


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(c)



(d)



Q44. Select the combination of letters that when sequentially placed in the blanks of the given letter series will complete the series.

_ B _ A _ SAB _ _ B S

(a) ASBAS
(b) ASBSA
(c) BASBA
(d) SABAS

Q45. Ajay, Lalit, Charan, Dhruv and Gajendra are five men, who are sitting in a row facing south while Mayuri, Narmada, Shalini, Priya and Harshini are five women, who are facing north in the second row parallel to the first row. Sitting facing up.

Lalit, who is sitting immediately left of Dhruv, is facing Harshini.

Charan and Narmada are sitting diagonally facing each other.

Gajendra is facing Shalini, who is sitting on the immediate right of Mayuri in the neighborhood.

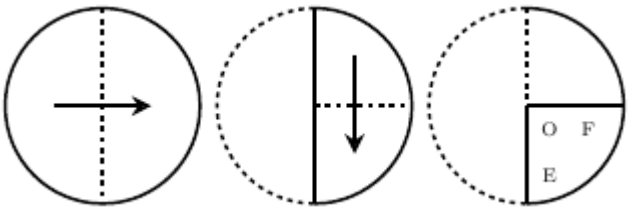
Priya, who is sitting immediately left of Harshini, is facing Dhruv.

Mayuri is sitting at one end of the row.

Who is sitting third to the right of Shalini?

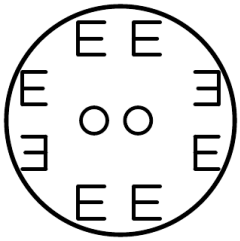
(a) Narmada
(b) Priya
(c) Mayuri
(d) Harshini

Q46. A paper is folded and cut as shown below. How will it appear when unfolded?

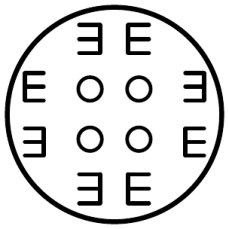


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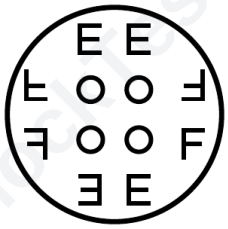
(a)



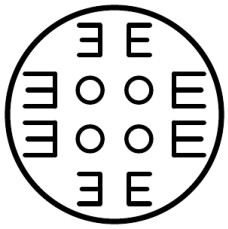
(b)



(c)



(d)



Q47. Arrange the expenditure of these season in the order in which they appear in India from March to February.

1. Autumn
2. Spring
3. Monsoon
4. Winter
5. Summer

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

Q48. Which two signs should be interchanged to make the given equation correct?

128 + 8 × 2 ÷ 4 - 6 = 30

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

Q49. Select the correct sequence of mathematical signs to sequentially replace the ? signs and balance the given equation.

8 * 20 * 320 * 20 * 10 = 166

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

Q50. In a certain code language, AMAZON is coded as 140 and BRAZIL is coded as 136. How will GERMANY be coded in the same language?

(a) 166
(b) 106
(c) 183
(d) 83

NUMERICAL APTITUDE

Q51. If the volume of a cube is $81\sqrt{3}$ cm³, then its total surface area is:

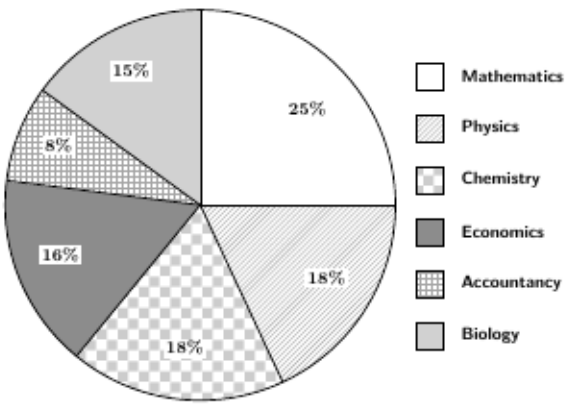
(a) 166 cm²
(b) 152 cm²
(c) 164 cm²
(d) 162 cm²

Q52. A and B together can do a piece of work in 24 days. B and C together can do it in 36 days. If A is thrice as good a workman as C, in how many days can B alone do the work?

(a) 48 days
(b) 36 days
(c) 45 days
(d) 40 days

Q53. Study the following pie chart that shows the percentage-wise distribution of teachers who teach six different subjects, and answer the question given below.

Total number of teachers = 1600



If 3/8 of the teachers who teach Chemistry are females, then the number of male Chemistry teachers is what percentage of the total number of teachers who teach Mathematics?

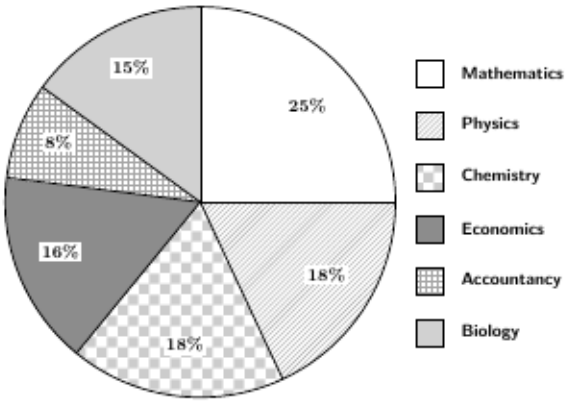
(a) 55%
(b) 45%

(c) 40%
(d) 60%

Q54. A person travels equal distances at speeds of 5 km/h, 8 km/h and 10 km/h and takes a total time of 2 hours and 33 minutes. The total distance travelled by him was:
(a) 18 km
(b) 10 km
(c) 5 km
(d) 8 km

Q55. The sum of three numbers is 272. If the ratio between the first and second is 3 : 5 and that between the second and third is 5 : 8, then the third number is:
(a) 136
(b) 142
(c) 126
(d) 236

Q56. Study the following pie chart that shows the percentage-wise distribution of teachers who teach six different subjects, and answer the question given below.
Total number of teachers = 1600



If the number of teachers who teach Accountancy is increased by 25% and the number of teachers who teach Economics is decreased by 25%, then the total number of teachers who teach Accountancy and Economics together is:
(a) 440
(b) 445
(c) 464
(d) 352

Q57. Three numbers are in the ratio 3 : 5 : 7 and their LCM is 840. Their HCF is:
(a) 6
(b) 4
(c) 5
(d) 8

Q58. An article was sold for Rs.1,190 after allowing a discount of 15%. If 12.5% discount is given, then for how much should it be sold?
(a) Rs.1,200
(b) Rs.1,220
(c) Rs.1,325

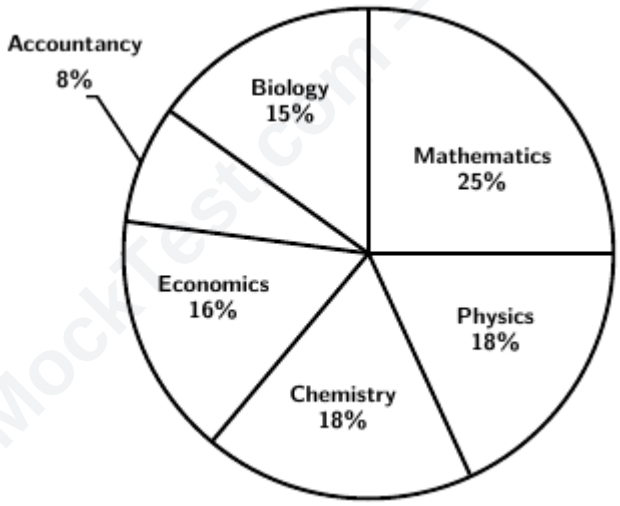
(d) Rs.1,225

Q59. A 144-m-long wire of radius 4 mm is melted to form a sphere. What is the surface area (in cm^2) of the sphere, assuming there is no wastage of material?

(a) 400 π
(b) 676 π
(c) 576 π
(d) 484 π

Q60. Study the following pie chart that shows the percentage-wise distribution of teachers who teach six different subjects, and answer the question given below.

Total number of teachers = 1600



The central angle of teachers who teach Biology and Mathematics together is:

(a) 134°
(b) 124°
(c) 144°
(d) 140°

Q61. The value of (1/3 + [43/4 - (31/6 - 21/3)])/((1/5of1/5 ÷ 1/5) ÷ (1/5 ÷ 1/5 × 1/5)) lies between:

(a) 4.2 and 4.3
(b) 4.3 and 4.4
(c) 4.6 and 4.8
(d) 4.0 and 4.1

Q62. The ratio of boys and girls in a school is 17 : 12, and the total number of students in the school is 1305. The number of boys in the school is:

(a) 650
(b) 765
(c) 750
(d) 700

Q63. The mean of 50 items was 24. Later on, it was discovered that two items were misread as 83 and 17 instead of 38 and 77. The correct mean is:

(a) 24.3
(b) 23.4
(c) 24
(d) 22.5

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Q64. If the area of the base of a cone is 154 $cm^2$and the area of the curved surface is 550 cm^2, then its volume is: (Take $\pi = 22/7$)

(a) 1232 cm^3
(b) 1132 cm^3
(c) 1234 cm^3
(d) 1130 cm^3

Q65. Varun gave 60% of the money he had to his wife. He also gave 20% of the remaining amount to each of his three children. Three-fifth of the amount now left was spent on miscellaneous items, and the remaining amount of Rs. 9,600 was deposited in the bank. How much money did Varun have initially?

(a) Rs. 2,00,000
(b) Rs. 1,80,000
(c) Rs. 1,50,000
(d) Rs. 1,60,000

Q66. If a person walked at 12 km/h instead of 81/2 km/h, he would have walked 14 km more. The actual distance travelled by him was:

(a) 32 km
(b) 30 km
(c) 36 km
(d) 34 km

Q67. The average age of a group of students in a class is 15.5 years. 15 new students with an average age of 14.5 years join the group, due to which the average age of students in the class becomes 15 years. The number of students initially present in the class is:

(a) 18
(b) 12
(c) 14
(d) 15

Q68. 'A' alone can complete a work for Rs. 6,500 in 15 days. With the help of 'B', the work is completed in 12 days. The share of 'B' is:

(a) Rs. 1,500
(b) Rs. 1,200
(c) Rs. 2,300
(d) Rs. 1,300

Q69. Each of the measure of the radius of a cylinder and that of a sphere is 10.5 cm. Also, the volumes of these two solids are equal. The curved surface area of the cylinder is:

(Take $\pi = 22/7$)

(a) 934 cm^2
(b) 824 cm^2
(c) 920 cm^2
(d) 924 cm^2

Q70. A man wanted to sell his cycle at 20% profit, but actually sold it at 20% loss for Rs. 960. At what price did he want to sell it to earn the profit of 20%?

(a) Rs. 1,420
(b) Rs. 1,440
(c) Rs. 1,450
(d) Rs. 1,340

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Q71. Naveen took two loans, altogether for Rs. 9,400, from Suman and Arya. Suman claimed 121/2 % simple interest per annum, while Arya claimed 101/2 % per annum. The total interest paid by Naveen in one year was Rs. 1,063. The sum borrowed from Arya is:

(a) Rs. 6,600
(b) Rs. 5,400
(c) Rs. 5,200
(d) Rs. 5,600

Q72. The average of five numbers is 78. If the average of the first two numbers is 54 and the average of the last two numbers is 63, then the third numbers is:

(a) 156
(b) 126
(c) 136
(d) 144

Q73. An article was sold at 5.75% profit. Had it been sold at 1.2% loss, it would have given him Rs. 1,390 less. The cost price of the article is:

(a) Rs. 25,000
(b) Rs. 22,500
(c) Rs. 20,000
(d) Rs. 22,000

Q74. The daily wages of men and women are in the ratio 4 : 3. 15 men and 25 women together earn Rs. 5,400. Find the total wages of one man and 5 women.

(a) Rs. 740
(b) Rs. 680
(c) Rs. 860
(d) Rs. 760

Q75. The compound interest obtained on Rs. 6,250 for two years at the rate of interest 8% per annum, compounded annually, will be:

(a) Rs. 1,040
(b) Rs. 1,500
(c) Rs. 1,450
(d) Rs. 1,020

GENERAL AWARENESS

Q76. In which year was the Treaty of Versailles signed?

(a) 1921
(b) 1919
(c) 1933
(d) 1940

Q77. What does UNDP stand for in the context of Economics?

(a) United Nations Disinflation Programme
(b) United Nations Development Programme
(c) United Nations Defaulting Programme
(d) United Nations Deregulation Programme

Q78. Who was the author of the three-act play, 'Post Office'?

(a) Vishnu Sharma
(b) Karan Singh
(c) MK Gandhi
(d) Rabindranath Tagore

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Q79. The Central Board of Directors of the RBI (Reserve Bank of India) is appointed/nominated for a period of _____ years.

(a) five
(b) six
(c) three
(d) four

Q80. By which British statute were Indian representatives, for the first time, allocated seats for election in Indian Legislative Councils?

(a) Goverment of India Act, 1833
(b) Indian Councils Act, 1892
(c) Goverment of India Act, 1915
(d) Indian Councils Act, 1861

Q81. Poonam Yadav won the 2019 Arjuna Award for which sport?

(a) Badminton
(b) Cricket
(c) Shooting
(d) Wrestling

Q82. 'Dhangari Gaja' is a dance form mainly associated with _____.

(a) Uttar Pradesh
(b) Jharkhand
(c) Maharashtra
(d) Chhattisgarh

Q83. Bhalari is one of the popular folk songs of _____, which is sung by farmers while working in their fields.

(a) Rajasthan
(b) Maharashtra
(c) Himachal Pradesh
(d) Bihar

Q84. As of August 2020, who among the following was the Chief Economic Adviser to the Finance Ministry of India?

(a) Ajit Pai
(b) Krishnamurthy V Subramanian
(c) Ravi Anshuman
(d) Anand Nandkumar

Q85. Emperor Ashoka embraced Buddhism after the:

(a) Kalinga War
(b) Battle of Buxar
(c) Battle of Haldighati
(d) Battle of Tarain

Q86. Gambhira, Dhali and Jatra are the famous dance forms of which state?

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

Q87. What does Herpetology deal with?

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

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Q88. Name the only sea in the world that does NOT have a land boundary.

(a) Sargasso Sea
(b) Pechora Sea
(c) Amundsen Sea
(d) Iroise Sea

Q89. Which of the following elements can be used to treat/purify water?

(a) Potassium
(b) Magnesium
(c) Chlorine
(d) Lead

Q90. Which of the following is the largest west flowing river in Rajasthan?

(a) Luni
(b) Chambal
(c) Banganga
(d) Banas

Q91. What does Article 61 of the Indian Constitution deal with?

(a) Fundamental Duties
(b) Impeachment of the President
(c) Financial Emergency
(d) National Emergency

Q92. Which of the following acids is released by the gastric glands present in the stomach?

(a) Acetic acid
(b) Nitric acid
(c) Citric acid
(d) Hydrochloric acid

Q93. Which country has the most time zones in the world?

(a) France
(b) United States of America
(c) Russia
(d) United Kingdom

Q94. On 22 July 2020,_____, Deputy Commissioner of Mumbai Customs, was appointed as an honorary adviser to the steering committee for BRICS Chamber of Commerce and Industry (CCI) young leaders for the period 2020-2023.

(a) Amit Ghawate
(b) Sahil Seth
(c) Yogesh Yadav
(d) HM Patel

Q95. Who discovered the TB vaccine?

(a) Edward Jenner
(b) Jonas Salk and Camille Guerin
(c) Leon Calmette and Camille Guerin
(d) Louis Pasteur

Q96. Which Part of the Constitution of India deals with finance, property, contracts and suits?

(a) Part XII
(b) Part IX
(c) Part X
(d) Part VIII

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Q97. Name the country which has the most AFC (AFC) Asian Cup titles?

(a) South Korea
(b) Saudi Arab
(c) Japan
(d) Iran

Q98. Who was the first woman Election Commissioner of Maharashtra?

(a) Neela Satyanarayan
(b) Rekha Sharma
(c) Minati Behera
(d) Sugatha Kumari

Q99. Which newspaper was founded by Mahatma Gandhi in South Africa in 1903?

(a) Young India
(b) Indian Opinion
(c) Swaraj Hind
(d) Navajivan

Q100. Which of the following gases is used in electric bulbs?

(a) Halogen
(b) Nitrogen
(c) Carbon dioxide
(d) Hydrogen

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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