SSC MTS Previous Year Paper (Held on: 14 Aug 2019 Shift 1)

SSC Multi-Tasking Staff (MTS) • 2019 • 100 questions • 90 minutes • Answer key

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GENERAL ENGLISH

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

The branch of science concerned with the bodily structure of humans, animals, and other living organisms

(a) Gastronomy
(b) Botany
(c) Astronomy
(d) Anatomy

Q2. Select the most appropriate word to fill in the blank and make a meaningful sentence.

There are some dates or periods of time in the history of the world that are so _____ that everyone knows and remembers them.

(a) representative
(b) significant
(c) momentary
(d) trivial

Q3. Select the most appropriate option to fill in the blank and make a grammatically correct sentence.

If children spend too much time watching television, they can create health problems for _____.

(a) itself
(b) himself
(c) oneself
(d) themselves

Q4. Select the most appropriate synonym of the given word.

Engage

(a) Occupy
(b) Release
(c) Dismiss
(d) Settle

Q5. Select the most appropriate option to substitute the underlined segment. If there is no need to substitute it, select No improvement.

Hardly he had entered the station, when the train whistled.

(a) hardly he entered
(b) hardly had he entered
(c) No improvement
(d) he hardly had entered

Q6. Directions: Select the most appropriate synonym of the given word.

Revive

(a) Review
(b) Ruin

(c) Repeat
(d) Recover

Q7. Select the correctly spelt word.

(a) Referance
(b) Recommend
(c) Repitition
(d) Reciept

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 Monday, on his way back from work, Bepin Choudhury would drop in at Kalicharan's bookshop in New Market to buy books. He (1)____ to buy at least five at a time to last him through the week. He lived alone, was not a good mixer, had few friends, and (2)___ like spending time in (3)__ chat. Today, (4)_____ Kalicharan's, Bepin Babu had the feeling that someone was (5)_____ him from close quarters.

Q8. Select the most appropriate option to fill in blank No. 1.

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

Q9. Select the most appropriate option to fill in blank No. 2.

(a) don't
(b) didn't
(c) do
(d) did

Q10. Select the most appropriate option to fill in blank No. 3.

(a) active
(b) idle
(c) empty
(d) free

Q11. Select the most appropriate option to fill in blank No. 4.

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

Q12. Select the most appropriate option to fill in blank No. 5.

(a) observing
(b) recognizing
(c) looking
(d) chasing

Q13. Identify the segment in the sentence which contains the grammatical error. If there is no error, select 'no error'

I don't think I meet him before.

(a) him before
(b) I meet
(c) No error
(d) I don't think

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Q14. Select the most appropriate option to substitute the underlined segment. If there is no need to substitute it, select No improvement.

One of the factor for her failure is the lack of concentration in studies.

(a) each of the factors
(b) No improvement
(c) one of a factor
(d) one of the factors

Q15. In the following question, out of the four given alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.

Butterflies in one's stomach

(a) To be feeling unwell
(b) To be angry at something
(c) A feeling of nervousness
(d) To be hungry

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

She misplaced her spectacles and now finding it difficult to read.

(a) and now finding it
(b) her spectacles
(c) She misplaced
(d) difficult to read

Q17. Directions: Select the correctly spelt word.

(a) Jelous
(b) Nourish
(c) Disgise
(d) Priorety

Q18. Directions: Select the most appropriate antonym of the word.

BOISTEROUS

(a) Peaceful
(b) Noisy
(c) Stormy
(d) Loud

Q19. Directions: Select the most appropriate antonym of the word.

FEASIBLE

(a) Implausible
(b) Profitable
(c) Attainable
(d) Achievable

Q20. Identify the segment in the sentence which contains the grammatical error. If there is no error, select 'No error'

The climate of Dehradun is better than Meerut.

(a) no error
(b) than Meerut
(c) The climate of Dehradun
(d) is better

Q21. Select the most appropriate option to substitute the underlined segment. If there is no need to substitute it, select No improvement.

If I was you I would not sign the document.

(a) No improvement

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(b) If I were you
(c) if I have been you
(d) if I had been you

Q22. Select the most appropriate word for the given group of words.
A list of names or things in a special order.
(a) Directory
(b) Catalogue
(c) Atlas
(d) Dictionary

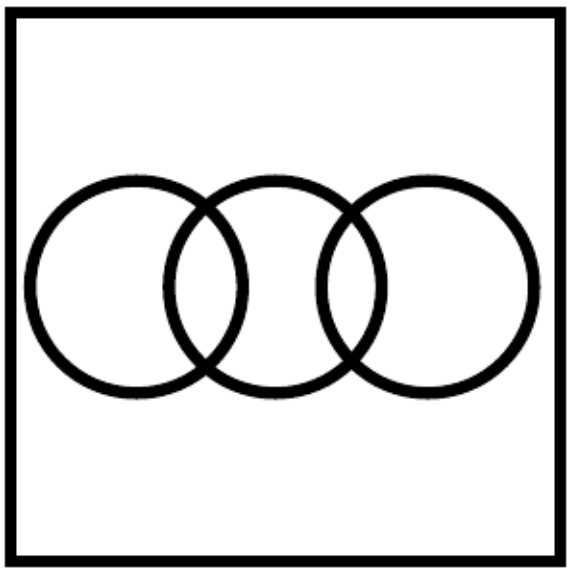
Q23. Directions: Select the most appropriate meaning of the given idiom.
A needle in a haystack
(a) To create a state of confusion
(b) To be of minor importance
(c) To be involved in unnecessary activity
(d) Something that is very difficult to locate

Q24. Select the most appropriate word to fill in the blank and make a meaningful sentence.
Mother _____ some food for the old beggar woman.
(a) set aside
(b) set up
(c) set in
(d) set out

Q25. Select the most appropriate option to fill in the blank and make a grammatically correct sentence.
Susan finally arrived at the party at midnight, but by then, most of the guests _____.
(a) had left
(b) left
(c) having left
(d) have left

GENERAL INTELLIGENCE & REASONING

Q26. Select the set of classes which is best represented by the following Venn diagram.

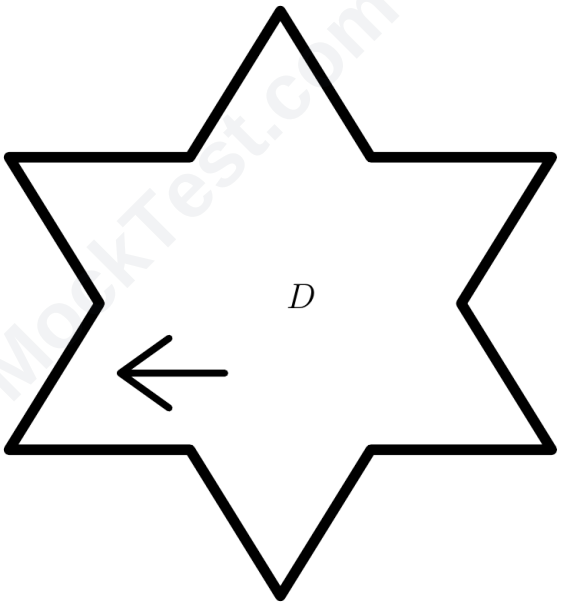


(a) Doctors, Mothers, Women

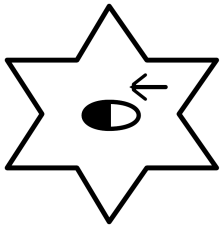
(b) Fathers, Sons, Engineers
(c) Carpenter, Doctors, Men
(d) Girls, children, Human Beings

Q27. 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.
KSJ : MUL : : RCU : ?
(a) TDV
(b) TEV
(c) UEW
(d) TEW

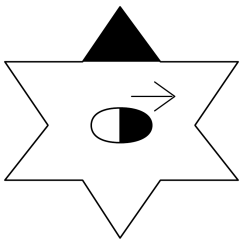
Q28. Select the correct mirror image of the given figure when the mirror is placed to the right side of the figure.



(a)

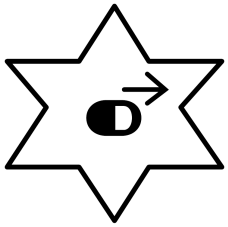


(b)

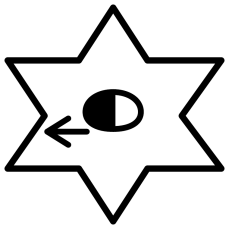


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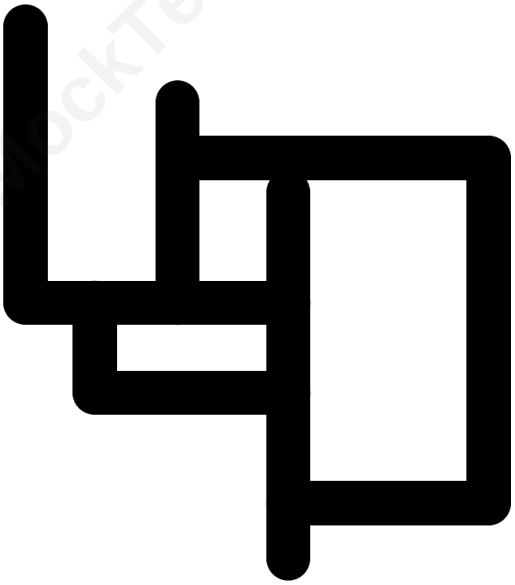
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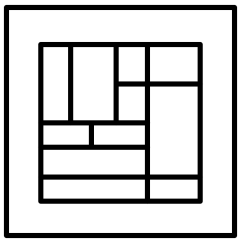
(d)



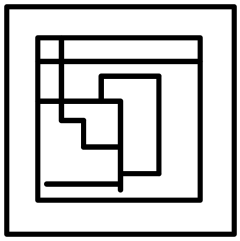
Q29. Select the option figure which contains figure X embedded in it as its part. (Rotation is not allowed)



(a)

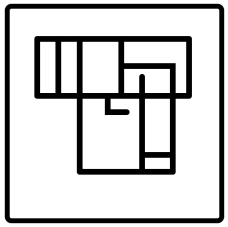


(b)

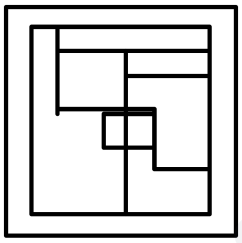


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(c)



(d)

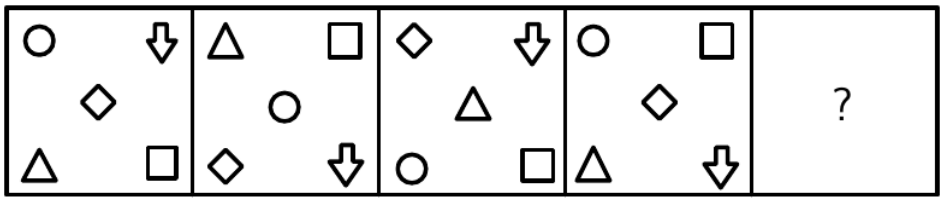


Q30. Select the set in which the numbers are related in the same way as are the numbers of the following set:

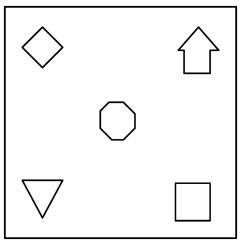
46, 92, 69

(a) 56, 78, 60
(b) 48, 82, 63
(c) 50, 88, 59
(d) 34, 72, 53

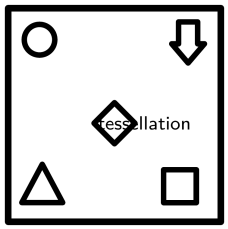
Q31. Select the figure that will come next in the following figure series.



(a)

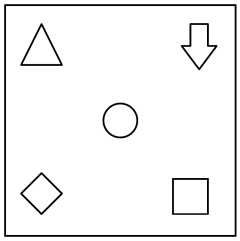


(b)

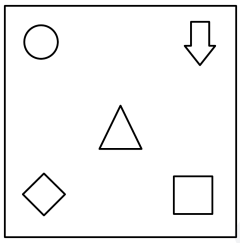


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(c)



(d)



Q32. Select the word-pair in which the two words are related in the same way as are the two words in the following word-pair.

Toad : Amphibian

(a) Crab : Amphibian
(b) Snail : Amphibian
(c) Squirrel : Reptile
(d) Tortoise : Reptile

Q33. In a code language, if ‘PARTY’ is written as '161182025', then how will ‘CAMERA’ be written in that language?

(a) 32116181
(b) 24116126
(c) 31135181
(d) 31451926

Q34. 'Creative’ is related to ‘Innovative’ in the same way as ‘Clear’ is related to ‘_____’.

(a) Opaque
(b) Transparent
(c) Covered
(d) Smooth

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

55 + 32 – 4 × (1 × 12) + (16 ÷ 4) = 31

(a) 12 and 32
(b) 55 and 32
(c) 12 and 16
(d) 16 and 32

Q36. In a code language, 'EARNING' is written as 'SBFOHOJ', how would 'AUDIBLE' be written in that language?

(a) FVBJFNC
(b) DVBJFMC
(c) EUBKFMC
(d) EVBJFMC

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Q37. Eight friends A, B, C, D, E, F, G and H are standing in two lines of four students each during school prayer. H is after D. C is just before A. E is after B. C and G are in the front positions.F is between G and B. Which two persons are standing at third position in both the rows?

(a) B and H
(b) B and F
(c) D and B
(d) D and F

Q38. Which of the following letter cluster will replace the question mark (?) to complete the given series?

KUCJ, NRFG, QOID, ?

(a) ULLA
(b) TKLB
(c) TLLA
(d) ULKA

Q39. Two statements are given, followed by three conclusions numbered I, II and III. 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:

I. All posters are pamphlets.

II. All envelopes are pamphlets.

Conclusions:

I. All pamphlets are envelopes.

II. Some pamphlets are posters.

III. Some posters are envelopes.

(a) Only Conclusion II follows
(b) Conclusions I and II follow
(c) Conclusions II and III follow
(d) Only Conclusion III follows

Q40. Three statements are given, followed by three conclusions numbered I, II and III. 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:

I. Some ornaments are diamonds.

II. Some diamonds are necklaces.

III. All necklaces are rings.

Conclusions:

I. Some rings are diamonds.

II. Some rings are necklaces.

III. No ring is diamond

(a) Either conclusion I or III follows
(b) Conclusions I and II follow
(c) Conclusions I and III follow
(d) Only Conclusion II follows

Q41. Five persons participated in a race. Kartik finished race immediately after Prabhjot. Faraz finished just before Lakshya. Anil finished race just before Faraz. Anil came at third place.

Who came second in the race?

(a) Faraz
(b) Lakshya
(c) Kartik

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(d) Prabhjot

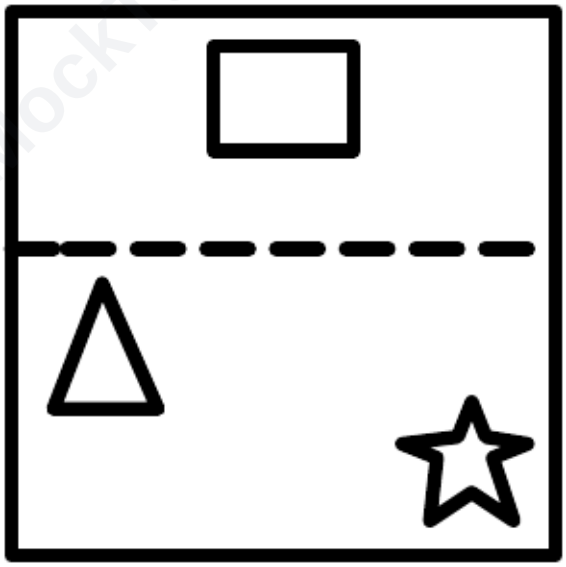
Q42. In a code language, 'DEVELOP' is written as 'POLEVED', then how would 'SCRIBBLE' be written in that language?

(a) ELBBISCR
(b) ELBBIRCS
(c) CSIRBBEL
(d) RCSIBELB

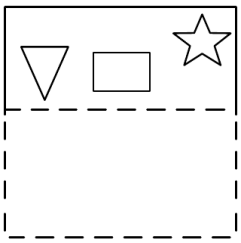
Q43. Some players are standing in a queue. Veer is 15th from the front and Sanket is 20th from the rear end of the queue. Aryan is after Veer but has two players between him and Veer. Sanket is immediately after Aryan. How many players are there in the queue?

(a) 37
(b) 39
(c) 38
(d) 36

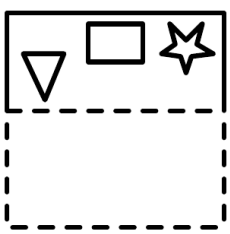
Q44. A figure of transparent sheet with a pattern is give below. Figure out from amongst the four options as to how the pattern would appear when the transparent sheet is folded at the dotted line.



(a)

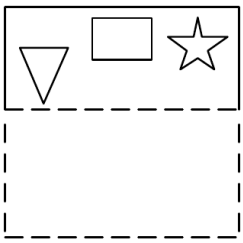


(b)

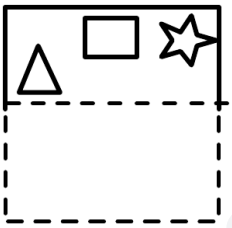


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(c)



(d)



Q45. Which number will replace the question mark (?) in the following series?

65, 67, 69, 81, 93, ?

(a) 137
(b) 117
(c) 113
(d) 123

Q46. In a code language, if CITRUS' is written as '982154', 'YOU' is written as '365' then how will 'SURITY' be written in that language?

(a) 651832
(b) 451923
(c) 451823
(d) 481623

Q47. Select the option that is related to the third number in the same way as the second number is related to the first number.

10 : 1010 : : 11 : ?

(a) 1342
(b) 1331
(c) 1352
(d) 1351

Q48. One term in the given number series is wrong. Find out the wrong term.

120, 143, 168, 196, 224

(a) 224
(b) 196
(c) 168
(d) 120

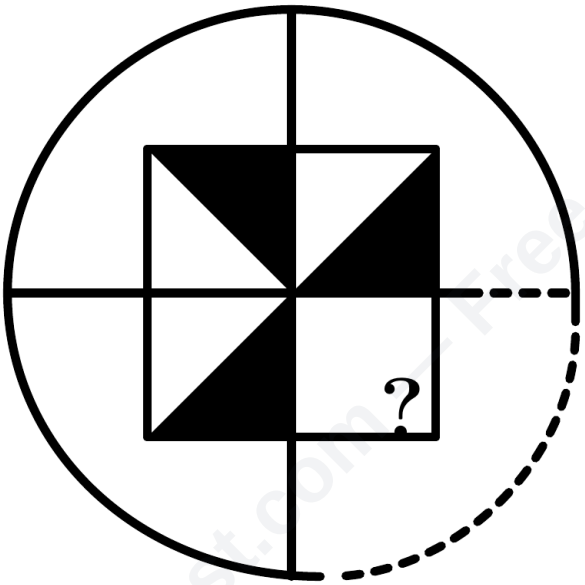
Q49. Which two signs should be interchanged to make the given equation correct?

52 + 64 – 16 ÷ 36 × 6 = 20

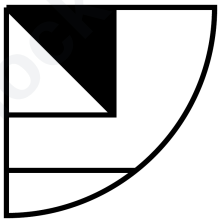
(a) – and ÷
(b) ÷ and +
(c) × and ÷
(d) • and ×

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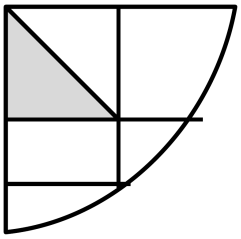
Q50. Which of the following option figure will complete the pattern in the figure given below?



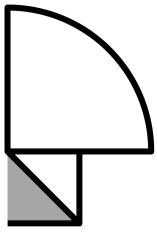
(a)



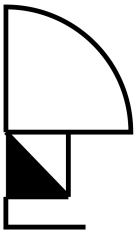
(b)



(c)



(d)



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NUMERICAL APTITUDE

Q51. The ratio of speeds of two aeroplanes is 11 : 18. If the first aeroplane covers a distance of 1650 km in 3 hours, then what is the speed (in m/s) of the second aeroplane?

(a) 225
(b) 200
(c) 270
(d) 250

Q52. What is the sum of digits of the two-digit prime number for which the numbers in the unit and the tens place is same?

(a) 18
(b) 2
(c) 10
(d) 6

Q53. A set of data is given. The mean of the set is 35 while the median of the set is 60. Find the mode of the data.

(a) 25
(b) 30
(c) 20
(d) 110

Q54. On a particular transaction, a shopkeeper earns 400% on cost. If the cost price rises by 100% and the selling price remains unchanged, the ratio between the new profit and the selling price is:

(a) 1 : 3
(b) 3 : 5
(c) 2 : 5
(d) 1 : 2

Q55. An eraser cost Rs. 3. The cost of 20 erasers is equal to the cost of three pens. The cost of one pen is equal to the cost of two pencils and the cost of six pencils is equal to the cost of five markers. What is the cost of one marker?

(a) Rs. 15
(b) Rs. 9
(c) Rs. 13.50
(d) Rs.12

Q56. The selling price of a product was equal to 50% of the marked price. Two successive discounts were offered on the product. If the first discount was 20% then how much was the other discount.

(a) 25%
(b) 33.33%
(c) 30%
(d) 37.5%

Q57. A scooter was bought for Rs. 30000 and a repair charge of Rs. 3000 was incurred. It was sold for Rs. 39600. What was the profit percentage?

(a) 10
(b) 20
(c) 25
(d) 15

Q58. If a : b = 2 : 5, b : c = 4 : 7 and c : d = 9 : 14, then what is a : b : c : d?

(a) 36 : 180 : 215 : 490
(b) 72 : 180 : 315 : 490
(c) 72 : 180 : 245 : 490
(d) 72 : 144 : 315 : 490

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Q59. A person was asked to make a guess about his own weight. He guessed that it is greater than 70 kg but less than 80 kg. His friend guessed that it is more than 74 kg but less than 84 kg. His mother said that it is less than 78 kg. Given that the weight is a whole number and that all three guessed correctly, what is the average (in kg) of the possible weights?

(a) 76.5 kg
(b) 76 kg
(c) 77 kg
(d) 75 kg

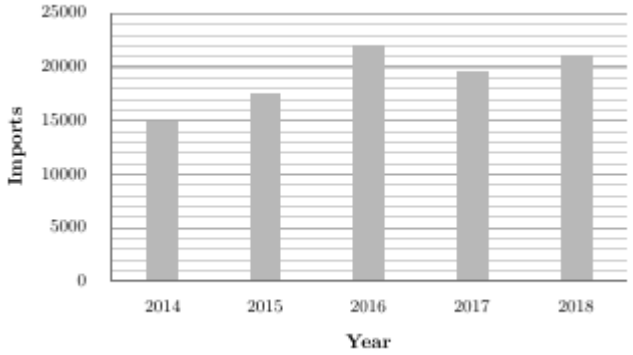
Q60. If two cubes made of iron, each of side 10 mm are dropped in tumbler containing 200 c.c. of water, what will be the net volume (in ml) of the contents of the tumbler?

(a) 200002
(b) 200001
(c) 202
(d) 201

Q61. A principal gets increased by 21% in 2 years at compound interest. What will be the simple interest on Rs. 1000 for 4 years at the same rate of interest?

(a) Rs. 320
(b) Rs. 400
(c) Rs. 360
(d) Rs. 420

Q62. The following Bar chart presents the quantity (in million kg) of imports of a particular item made by India during 2014-2018. For how many years, is the quantity imported less than overall average of imports of the said item during the given period?



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

Q63. What is the curved surface area (in cm^2) of a right circular cylinder whose height and diameter are 10 cm and 8 cm respectively?

(a) 80 π
(b) 20 π
(c) 40 π
(d) 160 π

Q64. A party for a group of 50 people was organized on their own expenses. 48 of them paid Rs. 950 each, while the other two paid Rs. 1200 more than the average expenditure of the group. The total expense incurred was:

(a) Rs. 75,000
(b) Rs. 25,000
(c) Rs. 50,000
(d) Rs. 40,000

Q65. If the rate of compound interest is 20% per annum, compounded half-yearly, then what will be the interest on a principal of Rs. 1,00,000 for two years?

(a) Rs. 33,100
(b) Rs. 21,000
(c) Rs. 46,410
(d) Rs. 44,000

Q66. A car can cover a distance of 42 km in 7 hours. By how much the speed has to be increased to cover the same distance in 6 hours?

(a) 7.5 km/h
(b) 5 km/h
(c) 1 km/h
(d) 8 km/h

Q67. The HCF and LCM of two numbers are 20 and 120 respectively. If one of the numbers is 50% greater than the other, then find the smaller number.

(a) 40
(b) 80
(c) 20
(d) 60

Q68. A number is 50% less than X and another number is 20% less than X. What is the ratio of the two numbers?

(a) 3 : 8
(b) 5 : 8
(c) 3 : 5
(d) 2 : 3

Q69. What is the value of a, if 7 × 7 of 3 ÷ 3 - 14 × a = 7

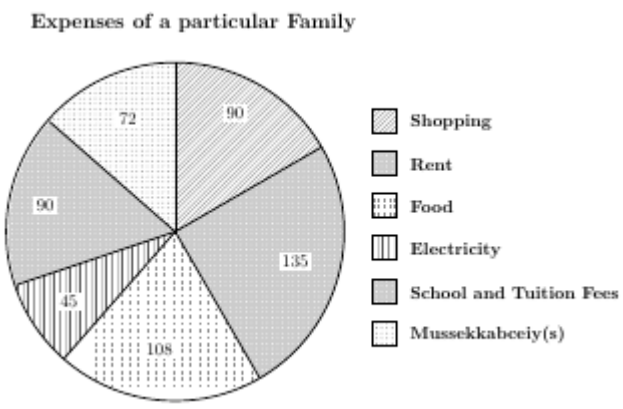
(a) 3
(b) 2
(c) 1
(d) 4

Q70. A solid cube each of whose face diagonals 128√2 cm is moulded to make a cuboid. The length and the breadth of the cuboid are 512 cm and 160 cm respectively. What is the height of the cuboid?

(a) 16 cm
(b) 20.8 cm
(c) 25.6 cm
(d) 16.4 cm

Q71. The pie chart shows the various kinds of expenses incurred by a particular family in a month.

The figures shown in the Pie chart against the various heads of expenditure do not indicate the central angles.



The amount spent on educational fee in month is Rs. 18000. What is the total monthly expenditure of the family?

(a) Rs. 1,08,000
(b) Rs. 90,000
(c) Rs. 36,000
(d) Rs. 72,000

Q72. C can do a work alone in 120 days, B twice as efficient as C and A is thrice as efficient as B. In how many days can they together complete the work?

(a) 16.67
(b) 13.33
(c) 15
(d) 12.3

Q73. The table shows the annual expenses on various heads made by a firm during 2014 - 2018. What is the average expenditure per head of 2016?

Year	Particulars				
Raw Materials	Wages	Administration	Delivery	Finance	
2014	50000	15000	40000	20000	20000
2015	90000	20000	40000	25000	25000
2016	45000	22500	47500	25000	25000
2017	60000	20000	40000	25000	40000
2018	7500	25000	50000	30000	45000

(a) Rs. 33,000
(b) Rs. 29,000
(c) Rs. 27,000
(d) Rs. 31,000

Q74. What is effective discount of 4 successive discounts of 20% each?

(a) 40.96%
(b) 64%
(c) 48%
(d) 59.04%

Q75. A alone can do a work in 30 days. He did half of the work and then left. If B alone can do the entire work in 16 days, then how many days will B take to complete the remaining work?

(a) 9
(b) 6
(c) 12
(d) 8

GENERAL AWARENESS

Q76. Which of the following types of membranes is the skin?

(a) Serous Membrane
(b) Mucous Membrane
(c) Cutaneous Membrane
(d) Synovial Membrane

Q77. River Delta Formation is a result of which process?

(a) Erosion
(b) Evaporation
(c) Sedimentation

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(d) Deposition

Q78. Which of the following is correctly matched?

(a) Bharatnatyam - Tamil Nadu
(b) Kathakali - Uttar Pradesh
(c) Kuchipudi - Odisha
(d) Kathak - Kerala

Q79. Which organism causes Kala-azar?

(a) Azotobacter
(b) Clostridium
(c) Escherichia coli
(d) Leishmania

Q80. Which of the following is NOT an allotrope of carbon?

(a) Methane
(b) C-60 Buckminster fullerene
(c) Graphite
(d) Diamond

Q81. The Vijay Kelkar committee was set up to study and evaluate the:

(a) Status of Sugar Mills
(b) Privatization of Air India
(c) Public-Private Partnership Model
(d) Poverty in India

Q82. Which of the following is NOT a Grand Slam in Tennis?

(a) Wimbledon
(b) Indian Open
(c) Roland Garros
(d) Australian Open

Q83. Who among the following was awarded United Nations ‘Champion of Earth’ Award in 2018?

(a) Donald Trump
(b) Vladimir Putin
(c) Narendra Modi
(d) Xi Jinping

Q84. The expenses which raise productive capacity are examples of what type of expenditure?

(a) Revenue Expenditure
(b) Production Expenditure
(c) Investment Expenditure
(d) Capital Expenditure

Q85. From which constitution did framers of Indian Constitution borrowed the Principles of Liberty, Equality and Fraternity?

(a) Irish Constitution
(b) British Constitution
(c) Canadian Constitution
(d) French Constitution

Q86. The enzyme present in pancreatic juice responsible for digestion of proteins is _____.

(a) Lipase
(b) Pepsin
(c) Trypsin
(d) Amylase

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Q87. The Moti Masjid of Delhi, was built by which Mughal Ruler?

(a) Shah Jahan
(b) Akbar
(c) Aurangzeb
(d) Humayun

Q88. Who was defeated by Britishers in Battle of Srirangapatnam of 1799?

(a) Najib Jung
(b) Tipu Sultan
(c) Siraj-ud- daula
(d) Peshwa

Q89. Booker prize 2018 was awarded to Anna Burns for which novel?

(a) Normal People
(b) Milkman
(c) The Mass Room
(d) Washington Black

Q90. Which of the following is a cold Ocean Current?

(a) Agulhas Current
(b) Labrador Current
(c) Gulf Stream
(d) Alaska Current

Q91. Ryotwari System of Revenue Collection was introduced in which part of British India?

(a) Southern India
(b) Eastern India
(c) Western India
(d) Northern India

Q92. Which of the following is NOT a capital good?

(a) Food and Clothing
(b) Truck
(c) Tools
(d) Machines

Q93. What is the term of Panchayat according to the 73^(rd) Constitutional Amendment Act?

(a) 5 Years
(b) 6 Years
(c) 4 Years
(d) 3 Years

Q94. Glomerulus and Bowman's Capsule are part of which body organ?

(a) Kidney
(b) Lungs
(c) Heart
(d) Liver

Q95. Who devised the policy of 'Doctrine of Lapse'?

(a) Lord Cornwallis
(b) Lord Bentinck
(c) Lord Dalhousie
(d) Lord Canning

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Q96. Hauz-i-Sultani is a _____.

(a) Minaret
(b) Mosque
(c) Large water reservoir
(d) Mahal

Q97. Which Indian actress is a part of the UN's global "Girl up" Campaign?

(a) Aishwarya Rai Bachchan
(b) Kareena Kapoor
(c) Priyanka Chopra
(d) Katrina Kaif

Q98. Which of the following states has a bicameral legislature?

(a) Goa
(b) Sikkim
(c) Bihar
(d) Punjab

Q99. What is the uppermost layer over the earth's surface called?

(a) Magma
(b) Core
(c) Mantle
(d) Crust

Q100. Which country among the following won the Sultan Azlan Shah Cup 2019?

(a) South Korea
(b) Malaysia
(c) Canada
(d) India

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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