Q1. You are given a question and two statements. Identify which of the statements is/are sufficient to answer the question.

Question: What is the total age of the sisters 10 years from now?

Statements:

Lina is 20 years old now. Lina's sister's age is twice that of 1/4th of the age of Lina.

(A) Statement 1 alone is sufficient.

(B) Statements 1 and 2 together are not sufficient.

(C) Statement 2 alone is sufficient.

(D) Statements 1 and 2 together are sufficient.

Q2. Who has won the Best Actor award in the 90th Oscar awards 2018?

(A) Garry Oldman

(B) Denzel Washington

(C) Daniel Day Lewis

(D) Daniel Kaluuya

Q3. A person clapped his hands near a cliff and heard the echo after 6 s. The distance of the cliff from the person is: (take v = 346 ms⁻¹)

(A) 1038 m

(B) 1083 m

(C) 2076 m

(D) 2706 m

Q4. A car accelerates uniformly from 18 kmh⁻¹ to 72 kmh⁻¹ in 5 s. The acceleration of the car is:

(A) 3 ms²

(B) 10.8 ms⁻²

(C) 10.8 ms²

(D) 3 ms⁻²

Q5. Which of the option figures bears the closest resemblance to the question figure?

(A) B

(B) D

(C) C

(D) A

Q6. What is the percentage of oxygen in $Al_2(SO_4)_3$?

(A) 57.7%

 (B) 56.1%

(C) 53.1%

(D) 52.6%

Q7. Given is a question followed by two arguments. Decide which of the arguments is/are strong with respect to the question.

Question: Should we avoid overuse of air conditioners?

Arguments:

I. Yes, it weakens the human system.

II. No, the comfort cannot be forsaken.

(A) Only argument I is strong.

(B) Both arguments I and II are strong.

(C) Only argument II is strong.

(D) Neither argument I nor II is strong.

Q8. Prime Minister Narendra Modi laid the foundation stone of Char Dham highway development project or Chardham Mahamarg Vikas Pariyojna at _____.

(A) Rishikesh

(B) Dehradun

(C) Manikaran

 (D) Haridwar

Q9. Pond is related to Water in the same way as Mountain is related to:

(A) Birds

(B) Rocks

(C) Animals

(D) Climb

Q10. Who became the first Indian woman to win the Korea open series in Badminton?

(A) Saina Nehwal

(B) Jwala Gutta

(C) Ashwini Ponnappa

(D) P. V. Sindhu

Q11. You are given a question and two statements. Identify which of the statements is/are necessary/sufficient to answer the question.

Question: Among the bags A, B, C and D which one is the lightest bag?

Statements:

B is heavier than A

A is lighter than C and D

(A) Statement 2 alone is sufficient

(B) Statement 1 and 2 together are necessary

(C) Statement 1 alone is sufficient

(D) Statement 1 and 2 are not sufficient to solve

Q12. Name the country which won the 2017 Women's Hockey Asia Cup title?

(A) Nepal

(B) Pakistan

(C) India

(D) Bangladesh

Q13. The median of the numbers 14, 12, 12, 16, 13 and 18 is:

(A) 13

(B) 14

(C) 14.5

(D) 13.5

Q14. PM Modi's Birthday has been celebrated as _____ across India.

(A) Kisan Diwas

(B) Sewa Diwas

(C) Hindi Diwas

(D) Bal Diwas

Q15. The Chola kings were prolific temple builders who built the _____ temple at Tanjavur.

(A) Brahmeshvara

(B) Brihadeesvara

(C) Lingaraja

(D) Dilwara

Q16. _____ gas is used as an illuminating gas.

(A) Methyl

(B) Propane

(C) Butene

(D) Ethyne

Q17. 80÷[48−{56−(60−36÷12×4)}]=?

(A) 5

(B) 8

(C) 4

(D) 2

Q18. Read the given statement(s) and conclusions carefully and select which of the conclusions logically follow(s) from the statement.

Statement: "Kirti played a very good shot on the pitch," says a friend to Sajit.

Conclusions:

I. Sajit likes cricket.

II. Kirti is a good player.

(A) Conclusion I alone follows

(B) Conclusion II alone follows

(C) Neither I nor II follows

(D) Both the conclusions follow

Q19. 3/4 + {3/4 + 3/4 ÷ (3/4 + 3/4)} = ?

(A) 3/4

(B) 1

(C) 2

(D) 2 1/4

Q20. A water tank is 4/5th full. Inlet A can fill the tank in 12 minutes while an outlet pipe B can empty it in 6 minutes. If both the pipes are open, how long will it take to empty or fill the tank completely?

(A) It fills in 4.8 min

(B) It empties in 4.8 min

(C) It fills in 5.6 min

(D) It empties in 5.6 min

Q21. 38% of a number is 133. What is the number?

(A) 340

(B) 350

(C) 360

(D) 355

Q22. Who among the following had been roped in June 2017 by the Union Government of India to promote GST?

(A) Sachin Tendulkar

(B) Salman Khan

(C) Amitabh Bachchan

(D) Aishwarya Rai Bachchan

Q23. Find the square root of 15625.

(A) 125

(B) 145

(C) 150

(D) 135

Q24. Complete the number series by choosing the missing terms from the options. 32, 64, 256, 1536, ?, 122880, 1474560

(A) 122860

(B) 12268

(C) 12285

(D) 12288

Q25. If tan a = √3 + 2, then the value of tan a cot a is _____.

(A) 2

(B) 2√3

(C) √3

(D) 4

Q26. In the diagram, M is the midpoint of YZ, ∠XMZ = 32° and ∠XYZ = 16°. The measure of ∠XZY is:

(A) 68°

(B) 84°

(C) 81°

(D) 74°

Q27. Soft drinks contain:

(A) Oxalic acid

(B) Tartaric acid

(C) Carbonic acid

(D) Citric acid

Q28. Raghu has invested ₹1000 and received ₹1300 at 6% per annum simple interest after X years. Find the value of X.

(A) 4 years

(B) 3 years

(C) 2 years

(D) 5 years

Q29. Thorn Forests are found in _____.

(A) Kashmir

(B) Kerala

(C) Sikkim

(D) Rajasthan

Q30. The bending of light rays in a denser medium is termed as:

(A) Reflection

(B) Dispersion

(C) Refraction

(D) Deflection

Q31. In a shop, 4.5% of 1500 kg of toor dal was sold. Find the quantity sold.

(A) 64.5 kg

(B) 63.5 kg

(C) 70 kg

(D) 67.5 kg

Q32. Consider the given statement(s) and decide which of the given assumption(s) is/are implicit in the statement.

Statement: School students are more influenced by their faculty nowadays.

Assumption:

I. School students consider their faculty as role models.

II. More time is spent at schools by students.

(A) Neither I nor II is implicit

(B) Only II is implicit

(C) Only I is implicit

(D) Either I or II is implicit

Q33. An object travels 23 m in 3 s and then another 15 m in 2 s. What is the average speed of the object?

(A) 7.6 ms⁻¹

(B) 7.6 s⁻¹

(C) 8.0 ms⁻¹

(D) 7.6 m

Q34. Find the next term in the following series: X24C, V22E, T20G, _____.

(A) RI19

(B) R19I

(C) R18I

(D) RI18

Q35. Pipe A is an inlet pipe that can fill an empty cistern in 69 hours. Pipe B can drain the filled cistern in 46 hours. When the cistern was

filled, the two pipes are opened one at a time for an hour each, starting with Pipe B. How long will it take for the cistern to be empty?

(A) 11 days 10 hours

(B) 11 days 7 hours

 (C) 11 days 12 hours

(D) 1 day 13 hours

Q36. When a constant force acts on an object with a mass of 8 kg for a duration of 3 s, it increases the object's velocity from 4 m/s to 6 m/s. What is the magnitude of the applied force?

(A) 5.33 N

(B) 4.33 N

(C) 6.33 N

(D) 3.33 N

Q37. Find the next term in the following series. Z26, X24, V22, _____.

(A) T20

(B) W23

(C) K15

(D) J10

Q38. An object of 10 kg is moving with a speed of 2 m/s. The kinetic energy of the object is:

(A) 20 J

(B) 5 J

(C) 10 J

(D) 40 J

Q39. If a is positive and $a^2 + 1/a^2 = 7$ then $a^3 + 1/a^3 =$ _____.

(A) 21

(B) $3\sqrt{7}$

(C) 18

(D) $7\sqrt{7}$

Q40. _____ elements have the largest atoms.

(A) F

(B) O

(C) H

(D) Li

Q41. West Bengal shares boundaries with _____ countries.

(A) 2

(B) 4

(C) 1

(D) 3

Q42. Find the odd one out.

(A) C

(B) D

(C) A

(D) B

Q43. If a person moves a trolley for a distance of 10 m with a force of 50 N, then the work done is:

(A) 0.2 J

(B) 5 J

(C) 20 J

(D) 500 J

Q44. A and B can complete a task in 1.5 days. However, A had to leave a few days before the task was completed and hence it took 2 days in all to complete the task. If A alone could complete the work in 2.625 days, how many days before the work getting over did A leave?

(A) 1.125

(B) 0.625

(C) 0.375

(D) 0.875

Q45. A/An _____ tissue is formed beneath the skin and between internal organs.

(A) Epithelial

(B) Nervous

(C) Muscular

(D) Adipose

Q46. If MEAT is coded as 135120, then what will be the code for ZEBRA?

(A) 2652181

(B) 2652191

(C) 2662181

(D) 2662191

Q47. Who among the following hosted the Hindi version of "Bigg Boss-11"?

(A) Aamir Khan

(B) Salman Khan

(C) Shilpa Shetty

(D) Farhan Akhtar

Q48._____ is the property of attracting electrons by the halogen atoms in a molecule.

(A) Electron affinity

(B) Electropositivity

(C) Electrochemistry

(D) Electronegativity

Q49. The headquarter of the Board of Control for Cricket in India (BCCI) is located in:

(A) Delhi

(B) Mumbai

(C) Chennai

(D) Kolkata

Q50. Which of the following inert gases is placed in period 4 of the periodic table?

(A) Kr

(B) Rn

(C) Xe

(D) Ar

Q51. In a code language, AILMENT is written as 1923540. What is the code for DISEASE?

(A) 4985195

(B) 4995195

(C) 4905195

(D) 4995196

Q52. Sabrina travelled 8 km/hr on foot and 13 km/hr on a cycle. She travelled a distance of 84 km in 8 hours. For how many hours did she cycle?

(A) 4

(B) 5

(C) 3

(D) 2

Q53. Venu is the Son of Avani and Amit is the son of Avani's brother. How is Amit's Mother related to Venu?

(A) Sister

(B) Maternal aunt

(C) Paternal aunt

(D) Cousin

Q54. Who is considered the father of taxonomy?

(A) Darwin

(B) Einstein

(C) Mandelbrot

(D) Linnaeus

Q55. 5th January 2018 was a Friday. Which of the following years will also have 5th January on a Friday?

(A) 2022

(B) 2020

(C) 2024

(D) 2023

Q56. As per the RBI Annual Report 2016-17, what is the estimated value of demonetized banknotes received?

(A) 12.25 lakh crore

(B) 15.28 lakh crore

(C) 19.48 lakh crore

(D) 13.35 lakh crore

Q57. Who among the following was crowned with the Miss World 2017 title?

(A) Andrea Meza

(B) Rolene Strauss

(C) Manushi Chhillar

(D) Aurore Kichenin

Q58. For the data given below, find the sum of mode, median, and mean. 6, 3, 8, 4, 3, 11, 7, 4, 5, 4.

(A) 13.5

(B) 13

(C) 14

(D) 14.5

Q59. Vishal is 20 years younger than Arya. Twelve years hence, Arya's age will be 1.25 times that of Vishal. Arya is now _____ years old.

(A) 78

(B) 68

(C) 88

(D) 72

Q60. Read the given statement(s) and conclusions carefully and select which of the conclusions logically follow(s) from the statement(s).

Statement: Looking at Limay's new watch, Nita comments, "Oh, that's so awesome. Where did you buy it from?"

Conclusions:

I. Limay's watch is attractive.

II. Nita wants to know where to buy a similar watch from.

(A) Both the conclusions follow

(B) Conclusion II alone follows

(C) Neither I nor II follows

(D) Conclusion I alone follows

Q61. In _____, Sher Khan (Sher Shah) attacked Bengal and defeated Ghiyashuddin Shah.

(A) 1358

(B) 1583

(C) 1538

(D) 1540

Q62. By selling a used phone for ₹7,260, Sanjan got 34% less than what it cost him to buy it a few years ago. At what price should Sanjan have sold the phone to gain a profit of 5%?

(A) ₹11,460

(B) ₹11,480

(C) ₹11,440

(D) ₹11,420

Q63. Note: For this question, a discrepancy is found in the question/answer. So, this question is ignored for all candidates. You are given a question and three statements. Identify which of the statements is/are necessary/sufficient to answer the question.L, M, N,

O and P are standing in a circle facing the center. Who is standing to the right of L?

Statements:

Next to L are P and M

O is standing to the right of P

O is standing to the left of N

(A) Statement 1 and 2 are not sufficient

(B) Statements 1 and 2 together are sufficient

(C) The statements are insufficient

(D) Statement 1 alone is sufficient

Q64. In a code language, FATE is written as 61205. What is the code for LEAN?

(A) 125114

(B) 125115

(C) 126114

(D) 135114

Q65. Which of the following numbers is irrational?

(A) $^{10}\sqrt{1024}$

(B) $^{4}\sqrt{1024}$

(C) $\sqrt{1024}$

(D) $^{5}\sqrt{1024}$

Q66. Find the next term in the given series. B2, K12, T72, _____.

(A) C432

(B) A434

(C) A432

(D) C434

Q67. The famous activist Irom Chanu Sharmila is better known as 'The Iron Lady of _____.

(A) Manipur

(B) Mizoram

(C) Nagaland

(D) Tripura

Q68. The _____ helps the eye to adjust the focal length of the lens.

(A) Lens

(B) Ciliary body

(C) Retina

(D) Entire eye ball

Q69. Water C) Brass

(A) [A]

(B) [B]

(C) [C]

(D) [D]

Q70. Name the Chief Minister of Telangana who was honored with the Global Agricultural Leadership Award 2017.

(A) Siddaramaiah

(B) K. T. Rama Rao

(C) N. Chandrababu Naidu

(D) K. Chandra Shekhar Rao

Q71. What is the full form of ASSOCHAM?

(A) Associated Chambers of Commerce and Industry

(B) Association of Commerce

(C) Associated Commerce

(D) Associated Chambers in India

Q72. Name the Bollywood actor who received the Kala Ratan Award in March 2017?

(A) Naseeruddin Shah

(B) Akshay Kumar

(C) Anupam Kher

(D) Jitendra

Q73. Where are mature sperm produced?

(A) Scrotum

(B) Vas deferen

(C) Prostate gland

(D) Testes

Q74. Asexual reproduction takes place in:

(A) Plants

(B) Higher animals

(C) Lower animals

(D) Lower animals and plants

Q75. Tribeni had to travel 175 km in 3.5 hours. However, she traveled at the rate of 58 km/hr for 2.5 hours and then rested for 20 minutes before completing the journey. If Tribeni managed to reach on time, her speed during the last stretch would have been _____.

(A) 36 km/hr

(B) 30 km/hr

(C) 42.5 km/hr

(D) 45 km/hr

Q76. Who among the following was sworn in as the Chief Minister of Manipur in 2017?

(A) M Koireng Singh

(B) N Biren Singh

(C) Longjam Thambou

(D) M Alimuddin Singh

Q77. An object travels 24 m in 3 s and then another 15 m in 2 s. What is the average speed of the object?

(A) 7.8 s⁻¹

(B) 7.8 ms⁻¹

(C) 8.0 m

(D) 6.67 ms⁻¹

Q78. (−12)[11+{7×(−3)}] ÷ [4{13−(−3)×(−6)}] = ?

(A) -6

(B) -4

(C) 4

(D) -2

Q79. An object having the capability to do work is said to possess:

(A) Inertia

(B) Force

(C) Pressure

(D) Energy

80. How many triangles are there in this figure?

(A) 21

(B) 23

(C) 22

(D) 20

Q81. _____ is displaced when zinc is added to the solution of copper sulphate.

(A) Copper

(B) Hydrogen

(C) Zinc

(D) Sulphate

Q82. The atomic radius is measured in:

(A) Micrometres

(B) Nanometres

(C) Millimetres

(D) Centimetres

Q83. The _____ compound is used as a drying agent.

(A) Calcium oxide

(B) Calcium carbide

(C) Gypsum

(D) Calcium carbonate

Q84. What will come in the place of the question mark (?) in the below series?

(A) A

(B) D

(C) B

(D) C

Q85. Consider the given statement(s) and decide which of the given assumption(s) is/are implicit in the statement.

Statement: "The use of antibiotic tablets destabilizes the gut bacteria".

Assumptions:

I. There are friendly bacteria in the gut.

II. Gut health is foremost for overall health.

(A) Both I and II are implicit.

(B) Only I is implicit.

(C) Only II is implicit.

(D) Neither I nor II is implicit.

Q86. A mass of 20 kg is at a height of 8 m above the ground. Then the potential energy possessed by the body is: (Given g = 9.8ms⁻²)

(A) 1568 J

(B) 1568 C

(C) 1568 W

(D) 1568 N

Q87. 1 kWh = _____ J

(A) 3.6×10^{-8}

(B) 3.6×10^{-6}

(C) 3.6×10^{8}

(D) 3.6×10^{6}

Q88. Which of the option figures bears the closest resemblance to the question figure?

(A) B

(B) D

(C) C

(D) A

Q89. What is the average price difference per kg (in ₹) for vegetables between the two years for the three months given in the following table?

(A) The average price of vegetables in Year 1 is less than that in Year 2.

(B) There is no difference in the average price.

(C) The average price of vegetables in Year 2 is less than that in Year 1.

(D) We cannot compare the prices.

Q90.. Select the lateral mirror image of TEETH from the given option figures?

(A) C

(B) D

(C) A

(D) B

Q91. Note: For this question, a discrepancy is found in the question/answer. So, this question is ignored for all candidates.

Q92. Which pattern will the given transparent sheet resemble when it is folded at the dotted line?

(A) D

(B) C

(C) B

(D) A

Q93. In the year 2016, there were 52 weeks and P days. Find the value of P.

(A) 2

(B) 4

(C) 3

(D) 5

Q94. Which of the fractions given below is not equal to 4/11?

(A) 32/88

(B) 84/209

(C) 64/176

(D) 20/55

Q95. Select the option that can replace the question mark (?) in the following series.

(A) B

(B) C

(C) D

(D) A

Q96. Alarms from 3 different clocks sound after every 2, 4, and 6 hours, respectively. If the clocks are started at the same time, how many times do the alarms ring together in 3 days?

(A) 6

(B) 3

(C) 9

(D) 2

Q97. Meet starts cycling early in the morning, facing the Sun. After some time, he takes a 45° turn to his left and then again turns 80° towards his left. In which direction is he now with respect to his initial position?

(A) South-East

(B) South-West

(C) North-West

(D) North-East

Q98. As of August 2018, what is the portfolio held by the current Union Minister Ravi Shankar Prasad?

(A) Human Resource Development

(B) Petroleum

(C) Law and Telecommunications

(D) Coal

Q99. Which of the option figures bears the closest resemblance to the question figure?

(A) A

(B) C

 (C) B

(D) D

Q100. (−18)[36÷{7−(−2)}] ÷ (−4){19−(−3)×(−5)} = ?

(A) -4.5

 (B) 4.5

 (C) 2.5

 (D) -2.5

(Answer Key)

Question No.	Correct Option	Answer
1	D	Statements 1 and 2 together are sufficient.
2	A	Garry Oldman
3	A	1038 m
4	D	3 ms−2
5	C	C

Question No.	Correct Option	Answer
6	B	56.1%
7	A	Only argument I is strong.
8	B	Dehradun
9	B	Rocks
10	D	P. V. Sindhu
11	B	Statement 1 and 2 together are necessary
12	C	India
13	D	13.5
14	B	Sewa Diwas
15	B	Brihadeesvara
16	B	Propane
17	D	2
18	B	Conclusion II alone follows
19	C	2
20	B	It empties in 4.8 min
21	B	350
22	C	Amitabh Bachchan

Question No.	Correct Option	Answer
23	A	125
24	D	12288
25	B	23
26	D	74°
27	C	Carbonic acid
28	D	5 years
29	D	Rajasthan
30	C	Refraction
31	D	67.5 kg
32	C	Only I is implicit
33	A	7.6 ms−1
34	C	R18I
35	C	11 days 12 hours
36	A	5.33 N
37	A	T20
38	A	20 J
39	C	18
40	D	Li

Question No.	Correct Option	Answer
41	D	3
42	C	A
43	D	500 J
44	D	0.875
45	D	Adipose
46	A	2652181
47	B	Salman Khan
48	D	Electronegativity
49	B	Mumbai
50	A	Kr
51	B	4995195
52	A	4
53	B	Maternal aunt
54	D	Linnaeus
55	C	2024
56	B	15.28 lakh crore
57	C	Manushi Chhillar
58	C	14

Question No.	Correct Option	Answer
59	C	88
60	A	Both the conclusions follow
61	C	1538
62	-	Ignored Question
63	B	Statements 1 and 2 together are sufficient
64	A	125114
65	B	41024
66	A	C432
67	A	Manipur
68	B	Ciliary body
69	A	[A]
70	D	K. Chandra Shekhar Rao
71	A	Associated Chambers of Commerce and Industry
72	C	Anupam Kher
73	D	Testes
74	D	Lower animals and plants
75	D	45 km/hr

Question No.	Correct Option	Answer
76	B	N Biren Singh
77	B	7.8 ms−1
78	A	-6
79	D	Energy
80	B	23
81	A	Copper
82	B	Nanometres
83	A	Calcium oxide
84	D	C
85	B	Only I is implicit.
86	A	1568 J
87	D	3.6×106
88	A	B
89	A	The average price of vegetables in Year 1 is less than that in Year 2.
90	A	C
91	-	Ignored Question
92	C	B

Question No.	Correct Option	Answer
93	A	2
94	B	84/209
95	C	D
96	A	6
97	C	North-West
98	C	Law and Telecommunications
99	B	C
100	B	4.5