Numerical Aptitude (1–25)

Directions: For each question, four alternatives have been given. Choose the best alternative.

1. Shankar starts work at 8.45 am and finishes at 5.15 pm. He is given a break of 90 minutes. How many hours does he work in five days?
   A) 38   B) 39   C) 35   D) 40

2. A team of eight woodcutters cut an average of 15000 cubic feet of timber in a week. How much cubic feet will four woodcutters cut in four weeks?
   A) 30000   B) 25000   C) 32000   D) 28000

3. A discount of 15% is offered on an item that previously cost Rs.180/-. What is the discounted price?
   A) Rs.140   B) Rs.153   C) Rs.160   D) Rs. 152

4. A number when divided by 45 leaves remainder 30. If the number is divided by 5, the remainder must be:
   A) 3   B) 2   C) 1   D) 0

5. Sohani says that in two years she will be twice as old as she was four years ago. How old is Sohani now?
   A) 10   B) 12   C) 14   D) 18

6. A man covers a distance on a scooter. Had he moved 3 kmph faster he would have taken 40 minutes less? If he had moved 2 kmph slower, he would have taken 40 minutes more. The distance is :
   A) 30 km.   B) 45km.   C) 40 km.   D) 50 km.

7. A car covers 4 successive 3 km stretches at speeds of 10kmph, 20 kmph, 30 kmph and 60 kmph respectively. Its average speed is:
   A) 20 kmph   B) 25 kmph   C) 30 kmph   D) 35 kmph

8. The ratio between the speeds of the A & B is 2:3, and therefore A takes 10 min more than the time taken by B to reach the destination. If A had walked at double the speed, he would have covered the distance in
   A) 8 min   B) 12 min   C) 15 min   D) 18 min

9. A goods train runs at a speed of 72 km per hour and crosses a 250 m long platform in 26 seconds. What is the length of the goods train?
   A) 240 m   B) 250 m   C) 260 m   D) 270 m

10. Two trains, each 100 m long, moving in opposite directions, cross each other in 8 seconds. If one is moving twice as fast the other, then the speed of the faster train is:
    A) 30 km/hr   B) 45 km/hr   C) 60 km/hr   D) 75 km/hr

11. A and B can together finish a work in 30 days. They worked on it for 20 days, and then B left. The remaining work was done by A alone in 20 more days. A alone can finish the work in :
    A) 62 days   B) 58 days
    C) 56 days   D) 60 days

12. A can do 1/3 of the work in 5 days and B can do 2/5 of the work in 10 days. In how many days both A and B together can do the work?
    A) 9.37 days   B) 8.67 days
    C) 8.6 days   D) 9.6 days

13. A shopkeeper purchased 200 bulbs for Rs. 10 each. However, 5 bulbs broke and had to be thrown away. The remaining were sold at Rs. 12 each. What will be the percentage profit?
    A) 13   B) 15   C) 17   D) 22

14. A started a business investing Rs. 45,000. After 3 months, B joined him with a capital of Rs. 60,000. After another 6 months, C joined them with a capital of Rs. 90,000. At the end of the year, they made a profit of Rs. 16,500. What is A's share of profit ?
A) Rs. 6600
B) Rs. 6500
C) Rs. 6900
D) Rs. 5900

15. 42 oranges are distributed among some boys and girls. If each boy gets 3, then each girl gets 6. But if each boy gets 6 and each girl gets 3, it needs 6 more. The number of girls is
A) 10
B) 8
C) 6
D) 4

16. In an examination, a student was asked to find 3/14 of a certain number. By mistake, he found 3/4 of it. His answer was 150 more than the correct answer. Find the given number.
A) 190
B) 250
C) 280
D) 350

17. The ratio of daily wages of two workers is 4 : 3 and one gets daily Rs. 9 more than the other, what are their daily wages?
A) Rs.80 and Rs.60
B) Rs.60 and Rs.51
C) Rs.36 and Rs.27
D) Rs.33 and Rs.24

18. The sum of the present age of the father and his daughter is 42 years. 7 years later, the father will be 3 times old than the daughter. The present age of the father is:
A) 32 years
B) 28 years
C) 33 years
D) 35 years

19. In a mixture of 60 litres, the ratio of milk and water is 2 : 1. If this ratio is to be 1 : 2, then the quantity of water to be further added is:
A) 20 litres
B) 30 litres
C) 40 litres
D) 60 litres

20. Salaries of R and S are in the ratio 2 : 3. If the salary of each is increased by Rs. 4000, the new ratio becomes 40 : 57. What is S's new salary?
A) Rs. 17000
B) Rs. 20000
C) Rs. 38000
D) Rs. 25500

21. When a plot is sold for Rs. 18,700, the owner loses 15%. At what price must that plot be sold in order to gain 15%?
A) Rs. 21,000
B) Rs. 22,500
C) Rs. 25,300
D) Rs. 25,800

22. A trader mixes 26 kg of rice at Rs. 20 per kg with 30 kg of rice of other variety at Rs. 36 per kg and sells the mixture at Rs. 30 per kg. His profit percent is:
A) 12%
B) 5%
C) 8%
D) 10%

23. Two students appeared at an examination. One of them secured 9 marks more than the other and his marks was 56% of the sum of their marks. The marks obtained by them are:
A) 39,30
B) 42,33
C) 41,32
D) 43,34

24. A fruit seller had some apples. He sells 40% apples and still has 420 apples. Originally, he had:
A) 700
B) 600
C) 588
D) 672

25. A rectangular field is to be fenced on three sides leaving a side of 20 feet uncovered. If the area of the field is 680 sq. feet, how many feet of fencing will be required?
A) 34
B) 40
C) 64
D) 88

General Knowledge (26-40)

26. The Dhola-Sadiya bridge in Assam is the longest bridge above water – (built over River Lohit) connects Assam with _____
    A) Arunachal Pradesh
    B) Nagaland
    C) Tripura
    D) Sikkim

27. How many states are there in India through which the Tropic of Cancer passes?
    A) Six
    B) Seven
    C) Eight
    D) Nine

28. Which of the following countries is not a member of SAARC (South Asian Association for Regional Cooperation)?
    A) Bangladesh
    B) India
    C) Nepal
    D) Myanmar

29. Shell companies refer to :
    A) Start-ups
    B) Mining companies
    C) A company without active business operations
    D) Foreign companies

30. Which part of the human body produces insulin?
    A) Intestine
    B) Liver
    C) Kidneys
    D) Pancreas

31. In India, who celebrates the Navroz New Year festival?
    A) Parsis
    B) Muslims
    C) Buddhists
    D) Jains

32. Where will the 2020 Olympics be held?
    A) Beijing
    B) Tokyo
    C) Berlin
    D) San Fransisco

33. "JEEVAN BINDI—a lifesaving dot", is to overcome which one of the following nutritional deficiency
    A) Iodine
    B) Iron
    C) Calcium
    D) Zinc

34. In which of the following oceans do the Tapti and Narmada rivers fall?
    A) Bay of Bengal
    B) Arabian Sea
    C) Indian Ocean
    D) Pacific Ocean

35. The painting 'Mona Lisa' is displayed in which museum?
    A) The Louvre, France
    B) Pushkin, Moscow
    C) Smithsonian, Washington
    D) London

36. The Pradhan Mantri Jan Dhan Yojana (PMJDY), scheme focuses on financial inclusion through:
    A) Job Creation
    B) Medical assistance
    C) Educational loans
    D) opening bank accounts for unbanked

37. India Celebrated its _____ Republic Day on January 26th 2018.
    A) 65th
    B) 70th
    C) 69th
    D) 67th

38. Sixteen year old Manu Bhaker became the youngest Indian to win a World Cup gold in which event?
    A) Skating
    B) Weight lifting
    C) Shooting
    D) Wrestling

39. Bangladesh and India share a 4096-km-long international border touching five Indian states, of which the longest border is shared by the Indian state of
    A) Meghalaya
    B) Assam
    C) West Bengal
    D) Tripura

40. The Sphinx, is a limestone statue of a mythical creature with a lion's body and a human head. Which country would you visit to see it?
    A) Iran
    B) Egypt
    C) Syria
    D) Turkey.

Data Interpretation (41-45)

Study the following table carefully to answer the questions that follow.

Number of Candidates Appeared and Qualified in a Competitive Examination from Different States over the Years.

State	Year									
	2013		2014		2015		2016		2017	
	App.	Qual.	App.	Qual.	App.	Qual.	App.	Qual.	App.	Qual.
M	5200	720	8500	980	7400	850	6800	775	9500	1125
N	7500	840	9200	1050	8450	920	9200	980	8800	1020
P	6400	780	8800	1020	7800	890	8750	1010	9750	1250
Q	8100	950	9500	1240	8700	980	9700	1200	8950	995
R	7800	870	7600	940	9800	1350	7600	945	7990	885

41. Total number of candidates qualified from all the states together in 2013 is approximately what percentage of the total number of candidates qualified from all the states together in 2014?

    A) 72%   B) 77%
    C) 80%   D) 83%

42. What is the average candidates who appeared from State Q during the given years?

    A) 8700
    B) 8760
    C) 8990
    D) 8920

43. In which of the given years the number of candidates appeared from State P has maximum percentage of qualified candidates?

    A) 2013
    B) 2014
    C) 2015
    D) 2017

44. What is the percentage of candidates qualified from state N for all the years together, over the candidates appeared from state N during all the years together.

    A) 12.36%
    B) 12.16%
    C) 11.47%
    D) 11.15%

45. The percentage of total number of qualified candidates to the total number of appeared candidates among all the five states in 2015 is?

    A) 11.49%
    B) 11.84%
    C) 12.21%
    D) 12.57%

ENGLISH (46-75)

46. PEDESTRIAN
    A) Ordinary   B) Slow   C) Erudite   D) Rueful

47. ERSTWHILE
    A) Honest   B) Candid   C) Former   D) Deviant

48. TENABLE
    A) Steadfast   B) Speculative C) Delicate   D) Believable

49. UMPTEEN
    A) Numerous   B) Rough   C) Clumsy   D) Strong

50. APATHY
    A) Indifference   B) Sad   C) Interest   D) Experiential

51. VOGUE
    A) Noise   B) Fashion   C) Presence   D) Inertia

Sobiya could have been a pretty child, but she was thin and pale and her eyes were stained with weeping. She was dressed in her thin torn cotton dress and she shivered all the time. Here and there on her body were blue marks from the beatings that her mistress had given her. Her naked legs were red and rough. When she spoke, her voice trembled. Everything about the child, her looks, her behaviour, her speech, her silence, every small gesture she made, showed a terrible fear. She was so afraid that, even though she was wet through, she dared not go near the fire to warm herself, but sat shivering in a corner of the room.

52. Sobiya could not be a pretty child because
    A) She was pale and emaciated   B) She was weeping
    C) She was scantily dressed   D) She was trembling with fear

53. Sobiya's voice trembled because
    A) She was feeling cold   B) She was frightened
    C) There was no fire near her   D) She was wearing a thin, cotton dress

54. Sobiya's terrible fear is conveyed most vividly by the description of
    A) Her constant shivering
    B) Her tear-stained eyes
    C) Her trembling voice
    D) Her inability to go near the fire

55. The cause of Sobiya's fear is explained by
    A) Her pale appearance
    B) Her torn dress
    C) The blue marks on her body
    D) Her speech

56. The terrible position of Sobiya was because of her
    A) Cotton dress   B) Mistress
    C) Speech   D) Silence

57. The river overflowed its _____ and flooded the surrounding areas.
    - A) edges
    - B) banks
    - C) limits
    - D) fronts

58. The grapes are now _____ enough to be picked.
    - A) ready
    - B) mature
    - C) ripe
    - D) advanced

59. She equals me _____ strength but not in intelligence.
    - A) across
    - B) behind
    - C) along
    - D) in

60. He passed the examination in the first class because he _____
    - A) was hardworking for it
    - B) worked hardly for it
    - C) had worked hard for it
    - D) was working hard for it.

61. She has an aversion _____ garlic.
    - A) with
    - B) at
    - C) against
    - D) to

62. He visits the doctor *off and on.*
    - A) Every day
    - B) Regularly
    - C) Never at all
    - D) Occasionally

63. I cannot understand why she did that, it really *doesn't add up*.
    - A) doesn't calculate
    - B) doesn't make sense
    - C) isn't mathematics
    - D) makes the wrong addition.

64. The authorities *took him to task* for his negligence.
    - A) gave him extra work
    - B) suspended him
    - C) reprimanded him
    - D) asked him to resign.

65. I did not listen to him as he was *talking through his hat.*
    - A) talking nonsense
    - B) talking ignorantly
    - C) talking irresponsibly
    - D) talking insultingly

66. The thief **outwitted** the constable and disappeared on the way to the police station.
    A)   fooled
    B)   tricked
    C)   cheated
    D)   outsmarted

67. The soldier displayed **exceptional** courage and saved the Captain from the enemy
    A)   avoidable
    B)   strange
    C)   extraordinary
    D)   unusual

68. The commission took three years to go through the **massive** collection of files.
    A)   mighty
    B)   strong
    C)   giant
    D)   vast

69. When he returned from his trip, he was accompanied by a **sprightly** young girl.
    A)   lively
    B)   beautiful
    C)   intelligent
    D)   slender

70. Catching snakes can be **hazardous** for people not trained in the art.
    A)   harmful
    B)   tricky
    C)   dangerous
    D)   difficult

Directions (Questions 71-75): **In each question below choose the word that means the exact OPPOSITE of the given words in Capital.**

71. ABET
    A)   Prevent   B)   Aid
    C)   Risk   D)   Calm

72. DISPARAGE
    A)   Belittle   B)   Denigrate
    C)   Praise   D)   Please

73. AUDACITY
    A)   Bravado   B)   Disrespect
    C)   Shivering   D)   Cowardice

74. PRUDENT
    A)   Short-sighted   B)   Reckless
    C)   Inconsiderate   D)   Injudicious

75. AMELIORATE
    A)   Worsen   B)   Improve
    C)   Amend   D)   Sweeten

Reasoning & General Aptitude (76-100)

76. Compass is to Direction as Odometer is to :
    A) Mileage
    B) Hiking
    C) Needle
    D) Running

77. Marathon is to Race as Hibernation is to :
    A) Winter
    B) Sleep
    C) Dream
    D) Interval

78. Sponge is to Porous as Rubber is to :
    A) Eraser
    B) Solid
    C) Elastic
    D) Massive

79. Pride is to Lion as Shoal is to:
    A) Student
    B) Teacher
    C) Respect
    D) Fish

80. Window is to Pane as Book is to :
    A) Novel
    B) Page
    C) Cover
    D) Glass

81. SCD, TEF, UGH, _____ , WKL
    A) CMN
    B) UJI
    C) VIJ
    D) IJT

82. FAG, GAF, HAI, IAH _____
    A) JAK
    B) HAL
    C) HAK
    D) JAI

83. ELFA, GLHA, ILJA, _____, MLNA
    A) OLPA
    B) KLMA
    C) LLMA
    D) KLLA

84.
A) Inch
B) Ounce
C) Centimetre
D) Yard

85.
A) Guitar
B) Cello
C) Flute
D) Violin

86.
A) Elephant
B) Lion
C) Leopard
D) Puma

87.
A) Potato
B) Carrot
C) Ginger
D) Spinach

88.
A) Noun
B) Preposition
C) Punctuation
D) Adverb

Directions (Questions 89-93): Read carefully and choose the correct option.

89. Five persons are standing in one line. One of the two persons at extreme end is a professor and the other is a businessman. An advocate is to right of a student. An author is to the left of the businessman. What is the position of advocate from the left?
A) First
B) Second
C) Third
D) Fourth

90. In a certain code language PURPOSE is coded as OVQQNTD. How is PATTERN coded in the language?
A) OBSUDSM
B) OAQUDSM
C) OCSUDSM
D) MASUDSM

91. In a certain code "APPLE" is coded as 23125, "LAP" is coded as 312, "CAP" is coded as 214, then "LEAP" will be coded as ____?
A) 3513
B) 3512
C) 3515
D) 3516

92. In the following number series, only one number is wrong. Find out the wrong one.

21, 32, 45, 65, 77, 96, 117
A) 117
B) 21
C) 96
D) 65

93. A solid, four-inch cube of wood is coated with blue paint on all six sides. Then the cube is cut into smaller one-inch cubes. These new one-inch cubes will have either three blue sides, two blue sides, one blue side, or no blue sides. How many will be with 3 blue sides?
A) Ten
B) Twelve
C) Eight
D) Twenty four

94. Harish has a paper route. Each morning, he delivers 28 newspapers to customers in his neighbourhood. It takes Harish 50 minutes to deliver all the papers. If Harish is sick or has other plans, his friend Ramesh, who lives on the same street, will sometimes deliver the papers for him.
    A) Harish and Ramesh live in the same neighbourhood.
    B) It takes Ramesh more than 50 minutes to deliver the papers.
    C) It is dark outside when Harish begins to deliver his papers.
    D) Ramesh would like to have his own paper route.

95. When they heard news of the hurricane, Ayeesha and Tooba decided to change their vacation plans. Instead of travelling to the island beach resort, they booked a room at a fancy new spa in the mountains. Their plans were a bit more expensive, but they'd heard wonderful things about the spa and they were relieved to find availability on such short notice.
    A) Ayeesha and Tooba take beach vacations every year
    B) The spa is overpriced
    C) It is usually necessary to book in advance of six months at the spa.
    D) Ayeesha and Tooba decided to change their vacation plans because of the hurricane.

Directions (Questions 96-100): Identify the next number in the Series:

96. 3, 11, 19, 27, ….
    A) 33
    B) 35
    C) 37
    D) 39

97. 3, 6, 11, 18, ….
    A) 24
    B) 25
    C) 26
    D) 27

98. 516, 497, 478, 459, ...
    A) 436
    B) 440
    C) 452
    D) 442

99. 316, 323, 332, 343, ….
    A) 356
    B) 357
    C) 358
    D) 359

100. 662, 645, 625, 599, ….
    A) 587
    B) 566
    C) 589
    D) 570