**SOFTZANE SOLUTIONS**

2023-2024 INTERNSHIP APTITUDE TEST 5

Total Mark 50 Time 2 hr.

1. Which of the following statements is not correct?

A log10 10 = 1 b)log (2 + 3) = log (2 x 3) c)log10 1 = 0 d)log (1 + 2 + 3) = log 1 + log 2 + log 3

1. Look at this series: 2, 1, (1/2), (1/4), ... What number should come next?

A (1/3) b (1/8) c (2/8) d (1/16)

1. Look at this series: 7, 10, 8, 11, 9, 12, ... What number should come next?

A 7 b 10 c 12 d 13

1. Look at this series: 53, 53, 40, 40, 27, 27, ... What number should come next?

A 12 b 14 c 27 d 53

1. If the number of quantities in group A is 10 and in group B is 8, and their individual average is 24 and 16 respectively, find the combined average of the two groups.

A 20.44 b18.22 c16.22 d 18.66

1. Find the average of first 4 consecutive even numbers.

A 2 b 5 c 1 d 8

1. The average age of a group of 6 boys is 19. If the new average age after a boy joins the group is 21.28, find the age of new boy.

A 23 b 32 c 35 d 45

1. Peter is twice as good as workman as Tom. When they work together they can finish a task in 16 days. If Tom works alone, in many days he will complete the task?

A 46 days b 48 days c 50 days d 52 days

1. If 5 men can colour 50-meter long cloth in 5 days, in many days 4 men can colour a 40-meter long cloth?

A 5 days b 6 days c 4 days d 3 days

1. A can do a piece of work in 10 days. B is 50% more efficient than A. In how many days B alone can do the same job?

A 6.2 days b 6.6 days c 7 days d 7.2 days

1. A running man crosses a bridge of length 500 meters in 4 minutes. At what speed he is running?

A 8.5 km/hr b 7.5 km/hr c 9.5 km/hr d 6.5 km/hr

1. A jogger is running at a speed of 15 km/hr. In what time he will cross a track of length 400 meters?

A 96 sec b 100 sec c 104 sec d 110 sec

1. A cyclist moving at a speed of 20 km/hr crosses a bridge in 2 minutes. What is the length of the bridge?

A 555.5 m b 444.4 m c 777.7 m d 666.6 m

1. How many times the hands of a clock coincide in a day?

A 24 b 22 c 23 d 21

1. 40 % of 280 =?

A 112 b 116 c 115 d 120

1. 45 \*? = 35% of 900

A 6 b 7 c 9 d 4

1. If 40% of an amount is 250, what will be 60% of that amount?

A 300 b 320 c 375 d 400

1. The population of a town is decreasing at a rate of 10% per annum. If the population two years ago was 20,000, what is the present population?

A 15000 b 15200 c 16000 d 16200

1. In an examination, 25% candidates failed in English and 35 % students failed in Math.If 15 % candidates failed in both, what is the percentage of candidates who passed in both the subjects?\

A 45 % b 50 % c 55 % d 58 %

1. If January 1, 1996, was Monday, what day of the week was January 1, 1997?

A Thursday b Wednesday c Friday d Sunday

1. Which of the following years is not a leap year?

A 800 b 700 c 1600 d 2000

1. How many days are there in y weeks y days?

A 8y b 8y2 c 16y d 21y

1. A box contains 2 red, 3 green, and 2 blue balls. What is the probability that none of the balls drawn is blue?

A 10/25 b 10/21 c 10/31 d 10/21

1. In a lottery, there are 5 prizes and 35 blanks. If a lottery is drawn at random what will be the probability of getting a prize?

A 1/5 b 1/6 c 1/7 d 1/8

1. A man draws two cards at random from a pack of 52 cards. What is the probability that one is a spade and the other is a heart?

A 13/105 b 13/102 c 13/110 d 13/108

1. What is the probability of getting an even number when a dice is rolled?

A 1/5 b 1/2 c 1/3 d ¼

1. In a bag, there are 8 red, 7 yellow and 6 green balls. If one ball is picked up at random, what is the probability that it is neither red nor green?

A 1/5 b 1/2 c 1/3 d ¼

1. A water tank is 30 m long, 20 m wide and 12 m deep. It is made of iron sheet which is 3 m wide. The tank is open at the top. If the cost of iron sheet is Rs. 10 per meter, what is the total cost of iron sheet required to build the tank?

A Rs. 6000 b Rs. 8000 c Rs. 9000 d Rs. 10,000

1. If two spheres have their radii in the ratio 2: 3, the ratio of their volumes is

A 8: 27 b 4 : 9 c 6 : 12 d 1 : 15

1. Find the correct spelling

A Betterment b Efficiant c Employd d Trainad

1. Tony, where are you? \_\_\_\_ up this tree.

A Here I am b Here am I c There I am d There am I

1. If the courier boy delivers your packet \_\_\_\_\_ keep it with me till you come or \_\_\_\_ to your home.

A do I, send it b will I, send it c should I, send it d would I, send it

1. Maria has always been \_\_\_\_ for her clothes and hairstyles.

A complimented b authorized c neglected d awarded

1. To err is human, to \_\_\_\_ divine.

A love b like c hate d forgive

1. The girl is \_\_\_\_ small to be playing football.

A too b little c very d still

1. Peter is a spoilt brat, because he was \_\_\_\_ as a child.

A rude b aggressive c coddled d arrogant

1. Like other countries, India has its ........... share of superstitions.

A abundant b real c fair d exact

1. After the heavy rain, I heard the ............ of thunder.

A voice b clank c rumble d ripple

1. He is a good arbiter as he never takes a side and remains...............

A compassionate b confident c clear d impartial

1. Find the correct spelling

A Acomodation b Acommodation c Accomodation d Accommodation

1. Find the correct spelling

A Detachment b Detachement c Detechment d Detachmant

1. Jeans was not allowed in Maria's college.

A is b had c were d will

1. All neighbour was introduced to the bride.

A has introduced b introduced c have introduced d were introduced

1. Later the coach became unpopular as he tried to lord it on the players.

A lord over b lord c lord on d lord it over

1. Tom found the silver coin as he cleaning the floor.

A as he cleans b as he cleaned c as he is cleaning d while cleaning

1. A month after colleges opened...... (select the correct order)

A. 35% seats reserved under OBC B. in private colleges C. for the next academic year

D. remain vacant

A CBDA b CADB c ADBC d BADC

1. Panic gripped the people

A. of the village B. beside the city C. on Friday D. after the terrorist attack

a CABD b BACD c ABCD d ACDB

1. Which number would fill the empty space in the series; 4, 7, 12, 19, \_, 39?

a 28 b 26 c 24 d 22

1. Find the wrong number in the series, 2, 6, 15, 31, 56, 93.

A 93 b 15 c 31 d 56

1. RQP, ONM, \_, IHG, FED, find the missing letters.

a CDE b LKI c LKJ c BAC

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