**Aptitude**

**MCQ**

**Time and work**

1. 'A' can do a work in 20 days and 'B' in 25 days. If they work on it together for 5 days, then the fraction of the percentage of work left is
2. 11/80
3. 1/5
4. 1/10
5. 12/75

Answer: 11/80

1. 'A' can do a work in 20 days and 'B' in 25 days. If they work on it together for 8 days, then the fraction of the percentage of work left is
2. 10%
3. 78%
4. 28%
5. 16%

Answer: 28%

**Speed and distance**

1. In a 100 meters Race, 'A' runs at a speed of 5 Meters per second and 8 runs at 4 meters per second, what is the total distance ahead of 'A' then 'B', when 'A' wins
2. 20m
3. 25m
4. 15m
5. 12m

Answer: 20 m

**Profit and Loss**

1. The cost price of 24 articles is the same as the selling price of x articles. if the profit is 20%, then the value of x is:
2. 20
3. 26
4. 28
5. 35

Answer: 20

**Ages**

1. Sachin is younger than Rahul by 7 years. If their ages are in the respective ratio of 7: 9, how old is Sachin?
2. 16
3. 18
4. 28
5. 24.5

Answer: 24.5

1. A father said to his son, "I was as old as you are at the present at the time of your birth". If the father's age is 38 years now, the son's age five years back was:
2. 14
3. 19
4. 33
5. 38

Answer: 14

**Combination**

1. There are 12 fruits on the table of 12 different kinds. 3 different kinds of fruit combinations can 3 randomly. What are the possible Number of ways

A. 220

B. 36

C. 156

D. 4​

Answer: 220

1. In how many ways can the letters of the word 'LEADER' be arranged?
2. 72
3. 144
4. 360
5. 720

Answer: 720

**Pipes and cisterns**

1. A tank is filled by three pipes with uniform flow. The first two pipes operating simultaneously fill the tank at the same time during which the tank is filled by the third pipe alone. The second pipe fills the tank 5 hours faster than the first pipe and 4 hours slower than the third pipe. The time required by the first pipe is:
2. 6 hours
3. 10 hours
4. 15 hours
5. 30 hours

Answer: 15 hours

1. A large tanker can be filled by two pipes A and B in 60 minutes and 40 minutes respectively. How many minutes will it take to fill the tanker from an empty state if B is used for half the time and A and B fill it together for the other half?
2. 15 min
3. 20 min
4. 27.5 min
5. 30 min

Answer: 30 min

1. Three pipes A, B, and C can fill a tank in 6 hours. After working at it together for 2 hours, C is closed and A and B can fill the remaining part in 7 hours. The number of hours taken by C alone to fill the tank is:
2. 10
3. 12
4. 14
5. 16

Answer: 14

**Odd one**

1. 1, 8, 27, 64, 100, 125, 216, 343 . . . .
2. 216
3. 100
4. 27
5. 343

Answer: 100

1. 3, 5, 11, 14, 17, 21. . . .
2. 5
3. 11
4. 21
5. 14

Answer: 14

1. 396, 462, 572, 427, 671, 264
2. 396
3. 427
4. 572
5. 264

Answer: 427

1. If there are 5 farmers, and each farmer owns 5 rooms, each room contains 5 buffaloes, and each buffalo has 5 calves, how many legs are there in total?

Answer: 3000 legs

1. Banana + Carrot = 20  
    Banana + Apple = 24  
    Carrot + Apple = 10

Find Apple + Banana + Carrot

Answer: 27 ( 7 + 17 + 3 )

1. Five years ago, the average age of a three-member family was 27 years. A child was born, and now the average age of the family is 25 years. What is the present age of the child?

Answer: 4 years

1. Find the next word FAB, GAD, HAF, IAH

Answer: JAJ

1. In an election with two candidates, one candidate received 55% of the votes, but 30% of the total 7500 votes were invalid. How many votes did the other candidate receive?

Answer: 2362 Votes

1. A batsman in his 18th innings makes a score of 150 runs thereby increasing his average by 6. Find his average after the 18th inning.

Answer: 48

1. Find the angle if time is 2:30

Answer: 105 degree

**HCF and LCM**

1. The H.C.F. of two numbers is 23 and the other two factors of their L.C.M. are 13 and 14. The larger of the two numbers is:
2. 276
3. 299
4. 322
5. 345

Answer: 322

1. The greatest number of four digits which is divisible by 15, 25, 40 and 75 is:
2. 9000
3. 9400
4. 9600
5. 9800

Answer: 9600

1. The L.C.M. of two numbers is 48. The numbers are in the ratio 2 : 3. Then the sum of the numbers is:
2. 28
3. 32
4. 40
5. 64

Answer: 40

1. Two, trains, one from Howrah to Patna and the other from Patna to Howrah, start simultaneously. After they meet, the trains reach their destinations after 9 hours and 16 hours respectively. The ratio of their speeds is:
2. 2 : 3
3. 4 : 3
4. 6: 7
5. 9: 16

Answer: 4:3

**BLOOD RELATION**

1. Introducing a boy, a girl said, "He is the son of the daughter of the father of my uncle." How is the boy related to the girl?
2. Brother
3. Nephew
4. Uncle
5. Son-in-law

Answer: Brother

1. Pointing to a photograph of a boy Suresh said, "He is the son of the only son of my mother." How is Suresh related to that boy?
2. Brother
3. Uncle
4. Cousin
5. Father

Answer: Father

**VERBAL**

1. Question: In which year was Rahul born?

**Statements:**

1. **Rahul at present is 25 years younger than his mother.**
2. **Rahul's brother, who was born in 1964, is 35 years younger than his mother.**
3. I alone is sufficient while II alone is not sufficient
4. II alone is sufficient while I alone is not sufficient
5. Either I or II is sufficient
6. Neither I nor II is sufficient
7. Both I and II are sufficient

Answer: e) Both I and II are sufficient

1. A, B, C, D, and E play a game of cards. A says to B, "If you give me three cards, you will have as many as E has and if I give you three cards, you will have as many as D has." A and B together have 10 cards more than what D and E together have. If B has two cards more than what C has and the total number of cards is 133, how many cards does B have?
2. 22
3. 23
4. 25
5. 35

Answer: 25

1. Several friends decided to go on a picnic and planned to spend Rs. 96 on eatables. Four of them, however, did not turn up. As a consequence, the remaining ones had to contribute Rs. 4 each extra. The number of those who attended the picnic was
2. 8
3. 12
4. 16
5. 24

Answer: 8

1. choose the word that best expresses the meaning of the given word.

**BRIEF**

1. Limited
2. Small
3. Little
4. Short

Answer: Short

1. choose the word that best expresses the meaning of the given word.

**EMBEZZLE**

1. Misappropriate
2. Balance
3. Remunerate
4. Clear

Answer: Misappropriate

1. choose the word that best expresses the meaning of the given word.

**AUGUST**

1. Common
2. Ridiculous
3. Dignified
4. Petty

Answer: Dignified

1. choose the word which is the exact OPPOSITE of the given words.

**RELINQUISH**

1. Abdicate
2. Renounce
3. Possess
4. Deny

Answer: Possess

1. choose the word which is the exact OPPOSITE of the given words. **FICKLE**
2. Courageous
3. Sincere
4. Steadfast
5. Humble

Answer: Steadfast

1. Choose the right word to be filled in the following sentences.

Lisa was pleased by the accolades she received; like everyone else she enjoyed being \_\_\_\_\_\_\_\_

1. Criticized
2. Praised
3. Entertained
4. Liked

Answer: Praised

1. “Robert ruined his camera when he tried to fix it himself.” “it was not wise \_\_\_\_\_\_\_\_ to fix it.”
2. Him to try
3. That he tries
4. Of him tried
5. of him to try

Answer: of him to try

1. "Is that your Uncle Carlos on the phone?" "Yes, do you \_\_\_\_\_\_ talk with him."
2. Wanted to
3. Wants
4. Want to
5. Wanting

Answer: Want to

1. Fortunately, for most of us, such a situation doesn’t happen often and so the problem doesn’t \_\_\_\_\_\_\_\_
2. Raise
3. Rise
4. Arise
5. Ride

Answer: arise

1. The best of \_\_\_\_\_\_ someone gave me when the computer doesn’t work was to turn the computer off, have a cup of coffee, and then turn it on again
2. Counsel
3. Council
4. Recommendation
5. Advice

Answer: advice

1. There are \_\_\_\_\_\_ views on the issue of giving bonuses to the employees
2. Independent
3. Divergent
4. Modest
5. Adverse

Answer: advice

1. Choose the right word matching with the underlined in the following sentences.

The chairman unveiled the model for the new headquarters at the last board meeting.

1. Revealed
2. Reviewed
3. Opened
4. Selected

Answer: Revealed

Choose Appropriate pairs of words (articles/ conjunctions/ verbs) to be filled in the blanks in the following sentences.

1. I have \_\_\_\_\_\_ gone mad \_\_\_\_\_\_ have I been up to any mischief
2. Either - or
3. Neither - nor
4. Not only - but also
5. Not - nor

Answer: Neither - nor

1. I usually \_\_\_\_\_ for 6 hours a day, but I \_\_\_\_\_\_\_ for 8 hours yesterday.
2. Work / worked
3. Works/worked
4. Worked/worked
5. work/work

Answer: Works/worked

1. "Why don't you like the new staff?" " \_\_\_\_\_\_ annoys me."
2. Her complains
3. She complains
4. She complained
5. Her complaining

Answer: Her complaining

1. It usually \_\_\_\_\_\_\_\_\_ a lot in winter but last year it \_\_\_\_\_\_
2. Rains / snowed
3. Rains/snows
4. Rain / snowed
5. Rain / snow

Answer: Rains / snowed

Fill in the blank with the appropriate form of the word given in brackets.

1. The teacher has made a \_\_\_\_\_\_\_\_ ( correct ) in my notebook.

Answer: Correction

Spot the error.

Spot the error if any in the following sentences and rewrite them.

1. She likes dogs, but she don't like cats.

Answer: She likes dogs but she doesn't like cats

1. One of my friends are going to Mumbai.

Answer: One of my friends is going to Mumbai.

Combine two sentence

1. Combine the following sentence using 'neither - nor'

Some people do not know English. They do not know Kannada.

Answer: Some people neither know English nor know Kannada.

1. Choose The right order to make up a story.
2. Upset and tired I came back home.
3. But when I came to the store it was closed for some unknown reason.
4. There was an exhibition of new fashionable goods at the department store.
5. My visit was a failure.
6. I took some money and went there for I wanted to buy some things for myself.

Answer:

Choose the appropriate choice for correcting the highlighted part in the following sentences.

1. Cancer is considered as **dangerous** disease among all diseases.
2. More dangerous
3. Most dangerous
4. The most dangerous
5. No improvement

Answer: the most dangerous

1. They were all shocked at his failure in the competition.
2. Were shocked at all
3. Had all shocked at
4. Had all shocked by
5. Had been all shocked on
6. No correction required

Answer: No correction required.

Choose the correct form of the verbs given in brackets

1. This box \_\_\_\_\_\_ (weigh) a lot. It \_\_\_\_\_\_\_ (be) too heavy for me to lift . Right now , he \_\_\_\_\_\_\_ (weigh) it to see how much postage it \_\_\_\_\_\_\_ (need).

Answer: "This box weighs a lot. It is too heavy for me to lift. Right now, he is weighing it to see how much postage it needs."

Descriptive

1. Explain your academic project.
2. Explain your emertxe project.
3. Self-Introduction
4. What are your hobbies?
5. Say about your family background.
6. Say about your Education history.
7. Say a challenge you faced in life and how you overcame that.
8. What makes you interested in the engineering sector?
9. What do you know about Avin Systems?
10. Why do you want to join Avin?
11. Where you will see yourself in 2 years?
12. would you go for a other location than Bengaluru?
13. what are the essential life skills for a person?
14. What was your role in all the projects?
15. How will you approach a problem based on client requirements?
16. Questions related to the inverted index project?
17. How compiler interpret the code?