

Sample questions Maths

Q1. A train running at the speed of 60 km/hr crosses a pole in 9 seconds. What is the length of the train?

- A. 120 metres
- B. 180 metres
- C. 324 metres
- D. 150 metres

Answer: Option D

Q2. The cost price of 20 articles is the same as the selling price of x articles. If the profit is 25%, then the value of x is:

- A. 15
- B. 16
- C. 18
- D. 25

Answer: Option B

Q3. A student multiplied a number by $\frac{3}{5}$ instead of $\frac{5}{3}$.

What is the percentage error in the calculation?

- A. 34%
- B. 44%
- C. 54%
- D. 64%

Answer: Option D

Q4. In an election between two candidates, one got 55% of the total valid votes, 20% of the votes were invalid. If the total number of votes was 7500, the number of valid votes that the other candidate got, was:

- A. 2700
- B. 2900
- C. 3000
- D. 3100

Answer: Option A

Q5 : 120 men consume 720 kg of rice in 30 days. In how many days can 90 men consume 270 kg?

- A. 18
- B. 12
- C. 9
- D. 15

Correct Answer : D

Q6 : A and B can together complete a task 40 days. They worked together for 30 days and then left. A finished the remaining task in next 22 days. In how many days A alone can finish the task?

- A. 88 days
- B. 48 days
- C. 30 days
- D. 40 days

Correct Answer : A

Q7 : If $A : B = 2 : 3$, $B : C = 6 : 11$ then what is the value of $C : B : A$?

- A. 11: 6: 2
- B. 22: 6: 4
- C. 11: 3: 2
- D. 11: 6: 4

Correct Answer : D

Q8 : In bag there are coins of 25 paise, 50 paise and 1 rupee in the ratio of 3 : 4 : 5. If there are in all Rs.31, then how many 1 rupee coins are there in the bag?

- A. 12
- B. 16
- C. 24
- D. 20

Correct Answer : D

Q9. Which one of the following is not a prime number?

- A. 31
- B. 61
- C. 71
- D. 91

Answer: Option D

Q10. On dividing a number by 56, we get 29 as remainder. On dividing the same number by 8, what will be the remainder ?

- A. 4
- B. 5
- C. 6
- D. 7

Answer: Option B

Sample questions Logical reasoning

Q1. Write down the number which will complete the sequence and replace the ?

a. 6, 12, 18, 30, 48, ?

b. 3, 12, 48, 192, ?

Answer

a. 78, each term is obtained after adding two to the previous number

b. 768, multiply each term by 4 to get the next number

Note: A good way to figure out the relationship in a given question is to make up a sentence that describes the relationship between the first two words. Then, try to use the same sentence to find out which of the answer choices completes the same relationship with the third word.

Q2.

i) Odometer is to mileage as compass is to

A. speed

B. hiking

C. needle

D. direction

Answer: Option D

ii) Optimist is to cheerful as pessimist is to

A. gloomy

B. mean

C. petty

D. helpful

Answer: Option A

Note: In these series, you will be looking at both the letter pattern and the number pattern. Fill the blank in the middle of the series or end of the series.

Q3.

i) SCD, TEF, UGH, _____, WKL

- A. CMN
- B. UJI
- C. VIJ
- D. IJT

Answer: Option C

ii) FAG, GAF, HAI, IAH, _____

- A. JAK
- B. HAL
- C. HAK
- D. JAI

Answer: Option A

Note: In each question below are given two statements followed by two conclusions numbered I and II. You have to take the given two statements to be true even if they seem to be at variance from commonly known facts. Read the conclusion and then decide which of the given conclusions logically follows from the two given statements, disregarding commonly known facts.

Give answer:

- (A) If only conclusion I follows
- (B) If only conclusion II follows
- (C) If either I or II follows

(D) If neither I nor II follows and

(E) If both I and II follow.

Q4. Statements: All mangoes are golden in colour. No golden-coloured things are cheap.

Conclusions:

I) All mangoes are cheap.

II) Golden-coloured mangoes are not cheap.

A. Only conclusion I follows

B. Only conclusion II follows

C. Either I or II follows

D. Neither I nor II follows

E. Both I and II follow

Answer: Option B

Note : Each question has an underlined word followed by four answer choices. You will choose the word that is a necessary part of the underlined word.

Q5. harvest

A. autumn

B. stockpile

C. tractor

D. crop

Answer: Option D

Sample English questions for aptitude test

In the following questions choose the word which is the exact OPPOSITE of the given words.

Q1. ENORMOUS

- A. Soft
- B. Average
- C. Tiny
- D. Weak

Answer: Option C

Q2. ARTIFICIAL

- A. Red
- B. Natural
- C. Truthful
- D. Solid

Answer: Option B

Find the correctly spelt words.

Q3. (solve as per the direction given above)

- A. Efficient
- B. Treatmeant
- C. Beterment
- D. Employd

Answer: Option A

Q4.(solve as per the direction given above)

- A. Foreign
- B. Foreine
- C. Fariegn
- D. Forein

Answer: Option A

In each question below, there is a sentence of which some parts have been jumbled up. Rearrange these parts which are labelled P, Q, R and S to produce the correct sentence. Choose the proper sequence.

Q5. When he

P : did not know

Q : he was nervous and

R : heard the hue and cry at midnight

S : what to do

The Proper sequence should be:

- A. RQPS
- B. QSPR
- C. SQPR
- D. PQRS

Answer: Option A