Ques 185 : Choose the correct answer.

An unbiased dice is rolled 5 times and the outcomes are 1, 2, 3, 4 and 5 respectively. If it is rolled again, what is the probability that the outcome is 6?

Option 1 : 1 Option 2 : 5/6 Option 3 : 1/6 Option 4 : None of these

[C](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)[heck Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_52.html)

Ques 186 : Choose the correct answer.

The probability of drawing an apple from a bag of fruits is 6/25. How many apples should Ravi draw, so that there is a chance he will draw 12 apples on average?

Option 1 : 25 Option 2 : 50 Option 3 : 12 Option 4 : None of these

[C](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)[heck Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_52.html)

Ques 187 : Choose the correct answer.

What is the probability for a day to be Sunday?

Option 1 : 1/7 Option 2 : 1/5 Option 3 : 52/365 Option 4 : None of these

[C](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)[heck Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_52.html)

Ques 188 : Choose the correct answer.

Rani has a bag with three blue and three yellow coins. She takes out a coin, sees its colour and puts it back in the bag. She does this thrice. What is the probability that she saw all blue coins.

Option 1 : 1/8 Option 2 : 1/2 Option 3 : 1/3 Option 4 : None of these

[C](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)[heck Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_52.html)

Ques 189 : Choose the correct answer.

Shikhar has a bag with 2 balls, each of which can be black or white with equal probability. Now, he draws out a ball and it turns out to be black. After this event, what is the probability that both balls are black?

Option 1 : 1/2 Option 2 : 1/4 Option 3 : 1 Option 4 : None of these

[C](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)[heck Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_52.html)

Ques 190 : Choose the correct answer.

A coin is tossed thrice. What is the probability that the first toss of coin lands head, second tail and third lands tail as well?

Option 1 : 1/16 Option 2 : 3/8 Option 3 : 1/8 Option 4 : None of these

[C](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)[heck Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_52.html)

Ques 191 : Choose the correct answer.

The probability of occurrence of event A is 0.3 and that of event B is 0.4. The events are independent. What is the  probability of occurrence of both A and B?

Option 1 : 0.7 Option 2 : 0.1 Option 3 : 0.12 Option 4 : Cannot be determined

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Ques 192 : Choose the correct answer.

The probability of occurrence of event A is 0.1 and that of event B is 0.2. The events are mutually exclusive. What is the probability of occurrence of both A and B?

Option 1 : 0.1 Option 2 : 0 Option 3 : 1 Option 4 : Cannot be determined

[C](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)[heck Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_37.html)

Ques 193 : Choose the correct answer.

The probability of occurrence of event X is 0.8 and that of event Y is 0.05. The events are mutually exclusive. What is the probability of occurrence of either X or Y?

Option 1 : 0.85 Option 2 : 0.75 Option 3 : 0 Option 4 : Cannot be determined

[C](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)[heck Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_37.html)

Ques 194 : Choose the correct answer.

10% of the voters did not cast their vote in an election between two candidates. 10% of the votes polled were found invalid. The successful candidate got 54% of the valid votes and won by a majority of 1620 votes. The number of voters enrolled on the vo

Option 1 : 25000 Option 2 : 33000 Option 3 : 35000 Option 4 : 40000

[C](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)[heck Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_37.html)

Ques 195 : Choose the correct answer.

A, B, C started a business with their investments in the ratio 1:3:5. After 4 months, A invested the same amount as before and B as well as C withdrew half of their investments. The ratio of their profits at the end of the year is:

Option 1 : 4:3:5 Option 2 : 5:6:10 Option 3 : 6:5:10 Option 4 : 10:5:6

[C](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)[heck Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_37.html)

Ques 196 : Choose the correct answer.

Tea worth Rs. 126 per kg and Rs. 135 per kg are mixed with a third variety in the ratio 1:1:2. If the mixture is worth Rs. 153 per kg, the price of the third variety per kg will be:

Option 1 : Rs. 169.50 Option 2 : Rs. 170 Option 3 : Rs. 175.50 Option 4 : Rs. 180

[C](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)[heck Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_37.html)

Ques 197 : Choose the correct answer.

A can contains a mixture of two liquids A and B in the ratio 7:5. When 9 litres of mixture are drawn off and the can is filled with B, the ratio of A and B becomes 7:9. How many litres of liquid A was contained by the can initially ?

Option 1 : 10 Option 2 : 20 Option 3 : 21 Option 4 : 25

[C](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)[heck Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_37.html)

Ques 198 : Choose the correct answer.

A man bought a number of clips at 3 for a rupee and an equal number at 2 for a rupee. At what price per dozen should he sell them to make a profit of 20% ?

Option 1 : Rs 4 Option 2 : Rs 5 Option 3 : Rs 6 Option 4 : Rs 7

[C](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)[heck Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_37.html)

Ques 199 : Choose the correct answer.

Padam purchased 30 kg of rice at the rate of 17.50 per kg and another 30 kg rice at a certain rate. He mixed the two and sold the entire quantity at the rate of Rs. 18.60 per kg and made 20% overall profit. At what price per kg did he purchase the lot

Option 1 : Rs.12.50 Option 2 : Rs. 13.50 Option 3 : Rs. 14.50 Option 4 : Rs. 15.50 Option 5 : None of these

[C](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)[heck Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_37.html)

Ques 200 : Choose the correct answer.

The manufacturer of a certain item can sell all he can produce at the selling price of Rs. 60 each. It costs him Rs. 40 in materials and labour to produce each item and he has overhead expenses of Rs. 3000 per week in order to operate the plant. The numb

[C](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)[heck Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_37.html)

Option 1 : 200 Option 2 : 250 Option 3 : 300 Option 4 : 400

Ques 201 : Choose the correct answer.

A sells a bicycle to B at a profit of 20%. B sells it to C at a profit of 25%. If C pays Rs. 225 for it, the cost price of the bicycle for A is:

Option 1 : Rs. 110 Option 2 : Rs.120 Option 3 : Rs. 125 Option 4 : Rs. 150

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Ques 202 : Choose the correct answer.

If 5% more is gained by selling an article for Rs. 350 than by selling it for Rs. 340, the cost of the article is:

Option 1 : Rs. 50 Option 2 : Rs. 160 Option 3 : Rs. 200 Option 4 : Rs. 225

[C](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)[heck Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_66.html)

* [AMCAT 2016 most likely Questions 100+ Verbal Questions (Paid).](https://www.instamojo.com/wishkaushik/amcat-verbal-english-paper/)

Ques 203 : Choose the correct answer.

Consider the following statements : If a sum of money is lent at simple interest, then the

1. Money gets doubled in 5 years if the rate of interest is 50/3 %.

2. Money gets doubled in 5 years if the rate of interest is 20%.

3. Money becomes

Option 1 : 1 and 3 are correct Option 2 : 2 alone is correct Option 3 : 3 alone is correct Option 4 : 2 and 3 are correct

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Ques 204 : Choose the correct answer.

The difference between simple interest and compound interest on Rs.1200 for one year at 10% per annum reckoned half-yearly is:

Option 1 : Rs. 2.50 Option 2 : Rs. 3 Option 3 : Rs. 3.75 Option 4 : Rs. 4 Option 5 : None of these

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Ques 205 : Choose the correct answer.

A sum of money lent at compound interest for 2 years at 20% per annum would fetch Rs. 482 more, if the interest was payable half-yearly than if it was payable annually. The sum is:

Option 1 : Rs. 10,000 Option 2 : Rs. 20,000 Option 3 : Rs. 40,000 Option 4 : Rs. 50,000

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Ques 206 : Choose the correct answer.

The simple interest on Rs. 10 for 4 months at the rate of 3 paise per rupee per month is:

Option 1 : Rs. 1.20 Option 2 : Rs. 1.60 Option 3 : Rs. 2.40 Option 4 : Rs. 3.60

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Ques 207 : Choose the correct answer.

If the compound interest on a sum for 2 years at 25/2 % per annum is Rs. 510, the simple interest on the same sum at the same rate for the same period of time is:

Option 1 : Rs. 400 Option 2 : Rs. 450 Option 3 : Rs. 460 Option 4 : Rs. 480

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Ques 208 : Choose the correct answer.

I started on my bicycle at 7 a.m. to reach a certain place. After going a certain distance, my bicycle went out of order. Consequently, I rested for 35 minutes and came back to my house walking all the way. I reached my house at 1 p.m. If my cycling s

Option 1 : 4.92 km Option 2 : 13.44 km Option 3 : 14.375 km Option 4 : 15.476 km

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Ques 209 : Choose the correct answer.

A bag contains 10-paisa, 20-paisa and 25-paisa coins in the ratio 7:4:3. If the total value is Rs. 90, the number of 25-paisa coins in the bag is:

Option 1 : 120 Option 2 : 160 Option 3 : 280 Option 4 : 300

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Ques 210 : Choose the correct answer.

Find a whole number such that when one of its digit is erased, the resulting number is equal to one-ninth of the original number. The resulting number is also a multiple of 9.

Option 1 : 90 Option 2 : 83438 Option 3 : 10125 Option 4 : 70847

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Ques 211 : Choose the correct answer.

A ship is moving at a speed of 30 kmph. To know the depth of the ocean beneath it, it sends a radiowave which travels at a speed 200 m/s. The ship receives back the signal after it has moved 500 m. What is the depth of the ocean?

Option 1 : 4 km Option 2 : 8 km Option 3 : 6 km Option 4 : 12 km

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Ques 212 : Choose the correct answer.

In a town the population grows at a simple rate of 10% in a decade and compounds from decade to decade. Find the population at the beginning of the 1970s if the population at the beginning of the 1990s is 3,63,000 people.

Option 1 : 30,000 Option 2 : 3,00,000 Option 3 : 30,00,000 Option 4 : 3,15,000

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Ques 213 : Choose the correct answer.

In approximately how many years will a certain sum of money triple itself at 22% simple interest?

Option 1 : 10 years Option 2 : 11 years Option 3 : 9 years Option 4 : 12 years

[C](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)[heck Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_53.html)

Ques 214 : Choose the correct answer.

A man rows a boat at a speed of 5 km/hr in still water. Find the speed of a river if it takes him 1 hr to row a boat to a place 2.4 km away and return back.

Option 1 : 1 km/hr Option 2 : 6 km/hr Option 3 : 3 km/hr Option 4 : 4 km/hr

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Ques 215 : Choose the correct answer.

A boat covers 40 km upstream and 90 km downstream in 5 hr. It can also cover 60 km upstream and 60 km downstream in 5 hr. The speed of the water current is

Option 1 : 4 km/hr Option 2 : 5 km/hr Option 3 : 20 km/hr Option 4 : 25 km/hr

[C](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)[heck Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_53.html)

Ques 216 : Choose the correct answer.

Two champion swimmers start a two-length swimming race at the same time, but from opposite ends of the pool. They swim at constant but different speeds. They first pass at a point 18.5 m from the deep end. Having completed one length, each swimmer take

Option 1 : 90 m Option 2 : 45 m Option 3 : 26.5m Option 4 : Data insufficient

[C](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)[heck Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_53.html)

Ques 217 : Choose the correct answer.

A and B start together from the same point on a circular track and walk in the same direction till they both again arrive together at the starting point. A completes one circle in 224 s and B in 364 s. How many times will A have passed B?

Option 1 : 4 Option 2 : 5 Option 3 : 6 Option 4 : 7

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Ques 218 : Choose the correct answer.

36 men can complete a piece of work in 18 days. In how many days will 27 men complete the same work ?

Option 1 : 12 Option 2 : 18 Option 3 : 22 Option 4 : 24 Option 5 : None of these

[C](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)[heck Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_53.html)

Ques 219 : Choose the correct answer.

39 persons can repair a road in 12 days, working 5 hours a day. In how many days will 30 persons, working 6 hours a day, complete the work ?

Option 1 : 10 Option 2 : 13 Option 3 : 14 Option 4 : 15

[C](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)[heck Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_53.html)

Ques 220 : Choose the correct answer.

If 7 spiders make 7 webs in 7 days, then 1 spider will make 1 web in how many days ?

Option 1 : 1 Option 2 : 7/2 Option 3 : 7 Option 4 : 49

[C](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)[heck Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_53.html)

Ques 221 : Choose the correct answer.

Some persons can do a piece of work in 12 days. Two times the number of such persons will do half of that work in:

Option 1 : 6 days Option 2 : 4 days Option 3 : 3 days Option 4 : 12 days

[C](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)[heck Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_13.html)

Ques 222 : Choose the correct answer.

Ronald and Elan are working on an assignment. Ronald takes 6 hours to type 32 pages on a computer, while Elan takes 5 hours to type 40 pages. How much time will they take, working together on two different computers

to type an assignment of 110 pages ?

Option 1 : 7 hours 30 minutes Option 2 : 8 hours Option 3 : 8 hours 15 minutes Option 4 : 8 hours 25 minutes

[C](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)[heck Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_13.html)

Ques 223 : Choose the correct answer.

A and B can do a work in 12 days, B and C in 15 days, C and A in 20 days. If A, B and C work together, they will complete the work in:

Option 1 : 5 days Option 2 : 47/6 days Option 3 : 10 days Option 4 : 47/3 days

[C](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)[heck Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_13.html)

Ques 224 : Choose the correct answer.

A and B can do a job together in 7 days. A is 7/4 times as efficient as B. The same job can be done by A alone in:

Option 1 : 28/3 days Option 2 : 11 days Option 3 : 49/4 days Option 4 : 49/3 days

[C](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)[heck Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_13.html)

Ques 225 : Choose the correct answer.

A and B can complete a work in 15 days and 10 days respectively. They started doing the work together but after 2 days B had to leave and A alone completed the remaining work. The whole work was completed in:

Option 1 : 8 days Option 2 : 10 days Option 3 : 12 days Option 4 : 15 days

[C](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)[heck Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_13.html)

Ques 226 : Choose the correct answer.

A, B and C together can complete a piece of work in 10 days. All the three started working at it together and after 4 days A left. Then B and C together completed the work in 10 more days. A alone could complete the work in:

Option 1 : 15 days Option 2 : 16 days Option 3 : 25 days Option 4 : 50 days

[C](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)[heck Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_13.html)

Ques 227 : Choose the correct answer.

One pipe can fill a tank three times as fast as another pipe. If together the two pipes can fill the tank in 36 minutes, then the slower pipe alone will be able to fill the tank in:

Option 1 : 81 min Option 2 : 108 min Option 3 : 144 min Option 4 : 192 min

[C](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)[heck Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_13.html)

Ques 228 : Choose the correct answer.

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 empty state if B is used for half the time and A and B fill it together for the other half ?

Option 1 : 15 min Option 2 : 20 min Option 3 : 27.5 min Option 4 : 30 min

[C](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)[heck Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_13.html)

Ques 229 : Choose the correct answer.

Three taps A, B and C can fill a tank in 12, 15 and 20 hours respectively. If A is open all the time and B and C are open for one hour each alternately, the tank will be full in:

Option 1 : 6 hrs. Option 2 : 20/3 hrs Option 3 : 7 hrs Option 4 : 15/2 hrs

[C](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)[heck Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_13.html)

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Ques 230 : Choose the correct answer.

Two pipes can fill a tank in 20 and 24 minutes respectively and a waste pipe can empty 3 gallons per minute. All the three pipes working together can fill the tank in 15 minutes. The capacity of the tank is:

Option 1 : 60 gallons Option 2 : 100 gallons Option 3 : 120 gallons Option 4 : 180 gallons

[C](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)[heck Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_13.html)

Ques 231 : Choose the correct answer.

Ram and Shyam together do a work in 8 days. Both of them began to work. After 3 days Ram fell ill. Shyam completed the remaining work in 15 days. In how many days can Ram complete the whole work?

Option 1 : 12 Option 2 : 17 Option 3 : 16 Option 4 : 15

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)

Ques 232 : Choose the correct answer.

Two workers A and B were employed for a work. A takes 8 hour more than the time taken by A and B together. If B takes 4.5 hours more than the time taken by A and B together, how long would A and B take together to

complete the work?

Option 1 : 7 hours Option 2 : 6 hours Option 3 : 5 hours Option 4 : 4 hours

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)

Ques 233 : Choose the correct answer.

If 5 persons can do 5 times of a work in 5 days, then 10 persons can do 10 times of that work in:

Option 1 : 10 days Option 2 : 8 days Option 3 : 5 days Option 4 : 2 days

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)

Ques 234 : Choose the correct answer.

Two taps can fill a cistern in 6 min. and 7 min. respectively. If these taps are opened alternatively for a minute, in what time will the cistern be filled?

Option 1 : 5.67 min Option 2 : 6.25 min Option 3 : 5 min Option 4 : 45/7 min

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)

Ques 235 : Choose the correct answer.

Two taps A and B can fill a cistern in 28 min. and 42 min. respectively. Third tap C can empty it in 42 min. If all the three taps are opened, the time taken to fill the cistern is:

Option 1 : 30 min Option 2 : 35 min Option 3 : 28 min Option 4 : 42 min

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)

Ques 236 : Choose the correct answer.

49 pumps can empty a reservoir in 6½ days, working 8 hours a day. If 196 pumps are used for 5 hours a day, then the same work will be completed in:

Option 1 : 2.6 days Option 2 : 3 days Option 3 : 2.5 days Option 4 : 2 days

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)

Ques 237 : Choose the correct answer.

16 men complete one-fourth of a piece of work in 12 days. What is the additional number of men required to complete the work in 12 more days ?

Option 1 : 48 Option 2 : 36 Option 3 : 30 Option 4 : 16

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)

Ques 238 : Choose the correct answer.

A takes thrice as long to do a piece of work, as B takes. A and B together can do a piece of work in 7.5 days. A alone can do in:

Option 1 : 30 days Option 2 : 40 days Option 3 : 50 days Option 4 : 60 days Option 5 : None of these

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)

Ques 239 : Choose the correct answer.

A cistern can be filled by two pipes A and B in 10 and 15 hours respectively and is then emptied by a tap in 8 hours. If all the taps are opened, the cistern will be fill in:

Option 1 : 21 hours Option 2 : 22 hours Option 3 : 23 hours Option 4 : 24 hours Option 5 : None of these

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)

* [AMCAT 2016 most likely Questions 100+ Verbal Questions (Paid).](https://www.instamojo.com/wishkaushik/amcat-verbal-english-paper/)

Ques 240 : Choose the correct answer.

A locomotive engine, without any wagons  attached to it, can go at a speed of 40 km/hr. Its speed is diminished by a quantity that varies proportionally as the square root of the number of wagons attached. With 16 wagons, its speed is 28 km/hr. The

Option 1 : 99 Option 2 : 100 Option 3 : 101 Option 4 : 120

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_16.html)

Ques 241 : Choose the correct answer.

If 33 untrained labourers can do a work in 15 days of 12 hr. each, how many trained labourers can do 50% more work in 11 days of 9 hr each ? (It may be assumed that it takes 2 trained labourers to do the work of 5 untrained labourers)

Option 1 : 42 Option 2 : 36 Option 3 : 90 Option 4 : 100

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_45.html)

Ques 242 : Choose the correct answer.

Which of the following fractions is less than 7/8 and greater than 1/3 ?

Option 1 : 1/4 Option 2 : 23/24 Option 3 : 11/12 Option 4 : 11/24

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_45.html)

Ques 243 : Choose the correct answer.

892.7 – 573.07 – 95.007 = ?

Option 1 : 224.623 Option 2 : 224.777 Option 3 : 233.523 Option 4 : 414.637

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_45.html)

Ques 244 : Choose the correct answer.

Which is the closest approximation to the product 0.3333 x 0.25 x 0.499 x 0.125 x 24 ?

Option 1 : 1/8 Option 2 : 3/4 Option 3 : 3/8 Option 4 : 2/5

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_45.html)

Ques 245 : Choose the correct answer.

Find the value of X :

0.009/X = 0.01

Option 1 : 0.0009 Option 2 : 0.09 Option 3 : 0.9 Option 4 : 9

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_45.html)

Ques 246 : Choose the correct answer.

The least among the following is:

Option 1 : 0.2 Option 2 : 1/0.2 Option 3 : 0.22222222 Option 4 : (0.2)2

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_45.html)

Ques 247 : Choose the correct answer.

In the following expression, there are two missing digits: \* and #. Find the value of \*.

1\*5#4 / 148 = 78

Option 1 : 1 Option 2 : 4 Option 3 : 6 Option 4 : 8 Option 5 : None of these

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_45.html)

Ques 248 : Choose the correct answer.

What is the value of (-5)(4)(2)(-1/2)(3/4) ?

Option 1 : -30 Option 2 : -15 Option 3 : 15 Option 4 : 30

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_45.html)

Ques 249 : Choose the correct answer.

If x \* y = x2 + y2 – xy, then the value of 9 \* 11 is:

Option 1 : 93 Option 2 : 103 Option 3 : 113 Option 4 : 121

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_45.html)

Ques 250 : Choose the correct answer.

If a = 0.1039, then the value of (4a2 – 4a + 1)1/2 + 3a is:

Option 1 : 0.1039 Option 2 : 0.2078 Option 3 : 1.1039 Option 4 : 2.1039

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_45.html)

Ques 251 : Choose the correct answer.

If a, b, c, d, e are five consecutive odd numbers, their average is:

Option 1 : 5 (a + 4) Option 2 : (abcde/5) Option 3 : 5 (a + b + c + d + e) Option 4 : None of these

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_8.html)

Ques 252 : Choose the correct answer.

(x % of 932) + 30 = 309.6

Find x.

Option 1 : 25 Option 2 : 30 Option 3 : 35 Option 4 : 40

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_8.html)

Ques 253 : Choose the correct answer.

Which of the following multipliers will cause a number to be increased by 29.7% ?

Option 1 : 1.297 Option 2 : 12.97 Option 3 : 129.7 Option 4 : 1297

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_8.html)

Ques 254 : Choose the correct answer.

If 2A = 3B and 4B = 5C, then A: C is:

Option 1 : 4 : 3 Option 2 : 8 : 15 Option 3 : 15 : 8 Option 4 : 3 : 4

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_8.html)

Ques 255 : Choose the correct answer.

0.4777 . . . is the recurring decimal for the fraction:

Option 1 : 4777/100000 Option 2 : 477/100 Option 3 : 437/1000 Option 4 : 43/90

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_8.html)

Ques 256 : Choose the correct answer.

0.8888 ÷ 0.011 is equal to:

Option 1 : 8.08 Option 2 : 80.8 Option 3 : 0.808 Option 4 : None of these

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_8.html)

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Ques 257 : Choose the correct answer.

The ascending order of rational numbers -7/10, 5/-8, 2/-3 is:

Option 1 : -7/10, 2/-3, 5/-8 Option 2 : -7/10, 5/-8, 2/-3 Option 3 : 5/-8, -7/10, 2/-3 Option 4 : 2/-3, 5/-8, -7/10

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_8.html)

Ques 258 : Choose the correct answer.

If A is real and 1 + A + A2 + A3 = 40, then A is equal to:

Option 1 : -3 Option 2 : -1 Option 3 : 1 Option 4 : 3

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_8.html)

Ques 259 : Choose the correct answer.

(1 + 3 + 5 + … + 3983) / 1992 = ?

Option 1 : 1988 Option 2 : 1992 Option 3 : 1990 Option 4 : None of these

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_8.html)

Ques 260 : Choose the correct answer.

Which one of the following should be added to 25p2 + 16q2, so that the resulting sum becomes a perfect square?

Option 1 : 20pq Option 2 : 30pq Option 3 : 40pq Option 4 : 50p2q2

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_8.html)

Ques 261 : Choose the correct answer.

(1.0816) 1/2= ?

Option 1 : 0.14 Option 2 : 1.4 Option 3 : 1.004 Option 4 : 1.04

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_88.html)

Ques 262 : Choose the correct answer.

If the digit in the units place of a square natural number is 6, then the digit in the tens place will be:

Option 1 : 1 Option 2 : 3 Option 3 : Even Option 4 : Odd

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_88.html)

Ques 263 : Choose the correct answer.

(a+b)3-(a-b)3 can be factorized as:

Option 1 : 2b(3a2+b2) Option 2 : 2a(3a2+b2) Option 3 : 2b(3b2+a2) Option 4 : 2a(a2+3b2)

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_88.html)

Ques 264 : Choose the correct answer.

If 9x2+3px+6q when divide by 3x+1 leaves a remainder -3/4 and qx2+4px+7 is exactly divisible by x+1, then the values of p and q respectively will be:

Option 1 : 0, 7/4 Option 2 : -7/4, 0 Option 3 : Same Option 4 : 7/4, 0

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_88.html)

Ques 265 : Choose the correct answer.

The equations 2x+3y-7=0 and 10x+15y-35=0 are:

Option 1 : Consistent and have unique solution Option 2 : Consistent and have infinitely many solutions Option 3 : inconsistent Option 4 : none of these

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_88.html)

Ques 266 : Choose the correct answer.

The solution of the simultaneous equations (1/2)x + (1/3)y = 2 and x+y=1 is:

Option 1 : x = 0, y = 1 Option 2 : x = 1, y = 0 Option 3 : x = 2/3, y = 3/2 Option 4 : x = 10, y = -9

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_88.html)

Ques 267 : Choose the correct answer.

If the equation x2-2(k+1)x+(9/2)k=0 has two identical roots then the values of k are:

Option 1 : k=1, 2 Option 2 : k=2 or 1/2 Option 3 : k=3, 1/2 Option 4 : none of these

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_88.html)

Ques 268 : Choose the correct answer.

The number which should be subtracted from 5a2-3ab+7b2 to make it equal to a2+ab+b2, is:

Option 1 : 4a2-4ab+6b2 Option 2 : 4a2-4ab+5b2 Option 3 : 4a2+4ab+6b2 Option 4 : 4a2-3ab+6b2 Option 5 : None of these

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_88.html)

Ques 269 : Choose the correct answer.

If x = (1/2) (2p+2q-r), y = (1/3) (-p-2q+3r) and z=(1/5) (3p-4r+5q), then the value of 2x-3y-5z is:

Option 1 : 0 Option 2 : -q Option 3 : 2 Option 4 : None of these

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_88.html)

Ques 270 : Choose the correct answer.

The roots of the quadratic equation 6x2-5x+1=0 are:

Option 1 : 2,3 Option 2 : 1/2,1/3 Option 3 : 3,4 Option 4 : 1/3,1/4 Option 5 : None of these

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_88.html)

Ques 271 : Choose the correct answer.

If a = 16, b=25, the value of 1/(a-1/2 – b-1/2) is:

Option 1 : 10 Option 2 : 15 Option 3 : 20 Option 4 : 25 Option 5 : 30

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_26.html)

Ques 272 : Choose the correct answer.

3a2 (ab+bc+ca) =

Option 1 : 3a2+3a2bc+3a3c Option 2 : 3a3b+3a2bc+3c Option 3 : 3a3b+3a2bc+3a3c Option 4 : a3b+abc+a2c Option 5 : None of these

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_26.html)

Ques 273 : Choose the correct answer.

x4y-xy4 =

Option 1 : xy(x-y)(x2 + xy + y2) Option 2 : xy(x+y)(x2-xy+y4) Option 3 : x(xy-1)(x2-xy+y) Option 4 : (x3+y2)xy Option 5 : None of these

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_26.html)

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Ques 274 : Choose the correct answer.

Factors of 6a2-25a+4 are:

Option 1 : (a+4) (a-6) Option 2 : (a-4) (6a+1) Option 3 : (a-4)(6a-1) Option 4 : (a-6) (a-4) Option 5 : None of these

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_26.html)

Ques 275 : Choose the correct answer.

The correct relationship after eliminating x, y and z from x+y = a, y+z=b and z+x = c and x+y+z = m, is:

Option 1 : m=x+y+z Option 2 : 2m=a+b+c Option 3 : m=x-y-z Option 4 : 2m=x-y-z Option 5 : None of these

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_26.html)

Ques 276 : Choose the correct answer.

If r = at2 and s = 2at, the relation among s, r and a is:

Option 1 : s2=4ar Option 2 : s=ar Option 3 : s=2ar Option 4 : s2=ar Option 5 : None of these

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_26.html)

Ques 277 : Choose the correct answer.

If a+b=6, ab=5, the value of a-b is:

Option 1 : 4 Option 2 : 5 Option 3 : 6 Option 4 : 7 Option 5 : 9

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_26.html)

Ques 278 : Choose the correct answer.

|X – 5| + 4 > 0 and |X2| < 4. Then x can be:

Option 1 : 4 Option 2 : 2 Option 3 : 0.5 Option 4 : All of these

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_26.html)

Ques 279 : Choose the correct answer.

If f(x) = sum of all the digits of x, where x is a natural number, then what is the value of f(101)+f(102)+f(103)+ .. +f(200)?

Option 1 : 1000 Option 2 : 784 Option 3 : 999 Option 4 : 1001

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_26.html)

Ques 280 : Choose the correct answer.

Pawan

is a very confused person. Once he wrote 1+2+3+4+5+6+7+8+9+10 = 100. In how many places you need to change ‘+’ with ‘ \* ‘ to make the equality

hold good ?

Option 1 : 2 Option 2 : 4 Option 3 : 3 Option 4 : None of these

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_26.html)

Ques 281 : Choose the correct answer.

What is the highest power of 82 contained in 83!-82! ?

Option 1 : 3 Option 2 : 2 Option 3 : 164 Option 4 : None of these

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_73.html)

Ques 282 : Choose the correct answer.

If x = 0.75, then what is the value of the expression (1+x+x2) + x3/(1-x) ?

Option 1 : 0.25 Option 2 : 4 Option 3 : 1.75 Option 4 : 1

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_73.html)

Ques 283 : Choose the correct answer.

If

a lies between 2 and 3, both included, and b lies between 4 and 6, both included, then what is the ratio of minimum and maximum limits of a2-b2?

Option 1 : -4 Option 2 : 4 Option 3 : 32/7 Option 4 : – 28/6

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_73.html)

Ques 284 : Choose the correct answer.

If a, b, c are roots of the equation 1x3-4x2+6.5x + 3.5 = 0, then what is the value of a2 + b2 + c2?

Option 1 : 1 Option 2 : 64 Option 3 : 169 Option 4 : 3

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_73.html)

Ques 285 : Choose the correct answer.

If |x| + |y| = 7, then what is the sum of minimum and maximum values of x + y?

Option 1 : 3/2 Option 2 : -7 Option 3 : 7 Option 4 : 0

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_73.html)

Ques 286 : Choose the correct answer.

832.58-242.31 =779.84- ?

Option 1 : 179.57 Option 2 : 199.57 Option 3 : 295.05 Option 4 : None of these

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_73.html)

Ques 287 : Choose the correct answer.

Which is the closest approximation to the product 0.3333 \* 0.25 \* 0.499 \* 0.125 \* 24 ?

Option 1 : 1/8 Option 2 : 3/4 Option 3 : 3/8 Option 4 : 2/5

Ques 288 : Choose the correct answer.

The simplification of (0.2 \* 0.2 + 0.02 \* 0.02 – 0.4 \* 0.02) / 0.36

Option 1 : 0.009 Option 2 : 0.09 Option 3 : 0.9 Option 4 : 9

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_73.html)

Ques 289 : Choose the correct answer.

If 13 + 23+ 33+ ……….+ 93 = 2025 ,then the value of (0.11)3 + (0.22)3 + ….+ (0.99)3 is close to:

Option 1 : 0.2695 Option 2 : 0.3695 Option 3 : 2.695 Option 4 : 3.695

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_73.html)

Ques 290 : Choose the correct answer.

In

a purse there are 30 coins, twenty one-rupee and remaining 50-paise coins. Eleven coins are picked simultaneously at random and are placed in a box. If a coin is now picked from the box, find the probability of it being a rupee coin?

Option 1 : 4/7 Option 2 : 1/2 Option 3 : 2/3 Option 4 : 5/6

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_73.html)

Ques 291 : Choose the correct answer.

A,

B and C are three students who attend the same tutorial classes. If the probability that on a particular day exactly one out of A and B attends the class is 7/10; exactly one out of B and C attends is 4/10; exactly

one out of C and A attends is 7/10. I

Option 1 : 46/100 Option 2 : 63/100 Option 3 : 74/100 Option 4 : 99/100

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_18.html)

Ques 292 : Choose the correct answer.

A

box contains 10 balls numbered 1 through 10. Anuj, Anisha and Amit pick a ball each, one after the other, each time replacing the ball. What is the probability that Anuj picks a ball numbered less than that picked by Anisha, who in turn picks a lesser n

Option 1 : 3/25 Option 2 : 1/6 Option 3 : 4/25 Option 4 : 81/400

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_18.html)

Ques 293 : Choose the correct answer.

A

biased die has a probability of 1/4 of showing a 5, while the probability of any of 1, 2, 3, 4, or 6 turning up is the same . If three such dice are rolled, what is the probability of getting a sum of atleast 14 without getting a 6 on any die ?

Option 1 : 5/24 Option 2 : 9/160 Option 3 : 1/30 Option 4 : 7/160

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_18.html)

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Ques 294 : Choose the correct answer.

A,

B, C, D and E play the following game. Each person picks one card from cards numbered 1 through 10. The person who picks the greatest numbered card loses and is out of the game. Now the remaining four return their cards to the pack and draw again, and

Option 1 : 3/14 Option 2 : 4/17 Option 3 : 1/5 Option 4 : 5/24

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_18.html)

Ques 295 : Choose the correct answer.

Which among the following is greatest: 51/2, 111/3, 1231/6 ?

Option 1 : 51/2 Option 2 : 111/3 Option 3 : 1231/6 Option 4 : All are equal

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_18.html)

Ques 296 : Choose the correct answer.

What are the unit’s digits of 369, 6864, 4725 respectively ?

Option 1 : 9,6 and 6 Option 2 : 6, 6 and 6 Option 3 : 3,6 and 4 Option 4 : None of these

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_18.html)

Ques 297 : Choose the correct answer.

A = 11 \* 22 \* 33 \* 44 \* 55 \* ……..1010. How many zeroes will be there at the end of A ?

Option 1 : 6 Option 2 : 15 Option 3 : 10 Option 4 : None of these

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_18.html)

Ques 298 : Choose the correct answer.

If x = 3 + 31/2, then what is the value of x2 + 9/x2 ?

Option 1 : 15 + 3 \* 31/2 Option 2 : 18 + 3 \* 31/2 Option 3 : 27 + 3 \* 31/2 Option 4 : None of these

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_18.html)

Ques 299 : Choose the correct answer.

If x4 + 1/x4 = 47, then find the value of x3 + 1/x3

Option 1 : 18 Option 2 : 27 Option 3 : 9 Option 4 : 12

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_18.html)

Ques 300 : Choose the correct answer.

The product of two numbers is 2028 and their H.C.F. is 13. The number of such pairs is:

Option 1 : 1 Option 2 : 2 Option 3 : 3 Option 4 : 4

[Check Answer:](http://amcatprep.blogspot.com/2016/10/amcat-sample-questions-quants-solutions_18.html)

Ques: In a match, awards are given to each of 11 members of the team and a trophy to the team. In all winning team gets 2.75kg weight awards. If the weight of match wining trophy is 1.275kg, what the weight of each player giving weight of trophy ?Op 1: 200Op 2: 150Op 3: 124Op 4: 134  
Correct Op: 4  
Ques: A Certain sum of money an amounts to Rs 2500 in a span Of 5 years and further to Rs.3000 in a span of 7 years at simple interest The sum isOp 1: Rs.1000Op 2: Rs.1200Op 3: Rs.1050Op 4: Rs.1250  
Correct Op: 4  
Ques: Which of the following number is divisible by 6Op 1: 2556Op 2: 3451Op 3: 9897Op 4: 6531  
Correct Op: 1  
Ques: FIND THE VALUE OF X here?(2/7)^-8\*(7/2)^-2=(2/7)^XOp 1: 3Op 2: -3Op 3: -6Op 4: 2  
Correct Op: 3  
Ques: Aman  deposits Rs.5,000 in his bank account for 5 years to earn an interest of 12%.what amount will he get after 5 years?Op 1: Rs.2000Op 2: Rs.3000Op 3: Rs.5300Op 4: Rs.8000Op 5: Rs.8300  
Correct Op: 4  
Ques: If 6^(x-3)=36^(x-5), then what is the value of X?Op 1: -1Op 2: 2Op 3: 7 Op 4: No value will agree  
Correct Op: 3  
Ques: Ritu visited a mall where tokens are given while submitting the belongings at the entrance. Token are numbered from a, b, c, d ...... z. Guard gives the token at random. What is the probability that token given to Ritu is a consonant?Op 1: 5/21Op 2: 21/26Op 3: 5/26Op 4: 26/21  
Correct Op: 2  
Ques: A large rubber cushion can be filled with air pump in 10 minutes, another pump can fill the same cushion in 12 minutes. If both the pumps operate together, how long will it take to fill the cushion? Op 1: 6 5/11 minutes Op 2: 5 6/11 minutes Op 3: 4 5/11 minutes Op 4: 5 5/11 minutes  
Correct Op: 4  
Ques: Ram is five year elder to his youngest sibling Shreya.Shreya is two years younger than her brother Ritesh. Ritesh is 13 years old and is Ram’s brother.how old will ram be in two year from now ?Op 1: 16Op 2: 17Op 3: 20Op 4: 15Op 5: 18  
Correct Op: 5  
Ques: Mehak  was in a whimsical mood & to reach her home from her office she took the following steps ­4 steps towards North, 3 steps towards East, 8 steps towards South, 6 steps towards West, 7 steps towards North, 5 steps towards East, 6 steps towards south, 4 steps towards west and finally reached her home taking 3 steps towards north, the location of Mehaks home with respect to her office isOp 1: 3 steps to the EastOp 2: 2 steps towards the EastOp 3: 5 steps towards the NorthOp 4: 2 steps to the West  
Correct Op: 4  
Ques:If the sum of 4 times a number A and three times a number B is equal to the sum of number B and seven times the number A, then A: B?Op 1: 2:3Op 2: 3:2Op 3: 4:3Op 4: 3:4  
Correct Op: 2:3  
Ques: Sindu sold her car for Rs. 50,000 less than what she bought it for and lost 8 %. At what price should she have sold the car. If she wanted to gain as much as she lost in the first transaction ?Op 1: Rs. 6,25,000Op 2: Rs. 6,50,000Op 3: Rs. 6,75,000Op 4: Rs. 6,37,500  
Correct Op: 6,75,000  
Ques: 20 men can do a job in 10 days, working 8 hours a day, If women are 33.33% more efficient than men, how many woman will it take to finish the same job in 10 days. Working 6 hours a day ?Op 1: 10Op 2: 12Op 3: 15Op 4: 20  
Correct Op: 20  
Ques: 2185 is a multiple ofOp 1: 10Op 2: 23Op 3: 15Op 4: 20  
Correct Op: 23  
Ques: The value of log3 9 - log5 625 + log7 343 isOp 1: 1Op 2: 2Op 3: 3Op 4: -1  
Correct Op: 1  
Ques: If LCM and HCF of two numbers are 234 and 13 respectively, Smaller factor of the product of two number isOp 1: 4Op 2: 3Op 3: 2Op 4: 1  
Correct Op: 2  
Ques: Suresh plants 7225 plants, so that there are as many rows as there are trees in a row, How many trees are there in a row ?Op 1: 70Op 2: 75Op 3: 80Op 4: 85  
Correct Op: 85  
Ques: In a poultry farm, 50 hens give 200 eggs in 2 days. In how may days will 20 hens give 400 eggsOp 1: 10Op 2: 15Op 3: 20Op 4: 25  
Correct Op 10  
Ques: The difference in the simple interest and compound interest on a principal of Rs.10,00,000 in 3 years at 4% p.a isOp 1: 4864Op 2: 4000Op 3: 5000Op 4: 4500  
Correct Op: 4864  
Ques: If Sunitha scores 65 out of hundred then how much does she score out of 75?Op 1: 45Op 2: 50Op 3: 55Op 4: 60  
Correct Op: 50  
Ques: Which one of the following numbers is exactly divisible by 11?Op 1: 415624Op 2: 452311Op 3: 233361Op 4: 453129  
Correct Op: 415624  
Ques: What is the smallest square number which is divisible by 2,4,5,6 and 9?Op 1: 900Op 2: 120Op 3: 150Op 4: 800  
Correct Op: 900  
Ques: The boss accepts only one employee leave request for a particular day. If five employees named Ronak, Mahesh, Shripal, MohanPriya and Shreyansh applied for leave on the occasion of Ganesh Chaturthi, What is the probability that Ronak’s leave request will be approved?Op 1: 2/5Op 2: 1/5Op 3: 1Op 4: 3/5  
Correct Op: 1/5  
Ques: A sells a bicycle to B at a profit of 20%. B Sells it to C at a profit of 25%. IF C Pays Rs. 225 for it, the cost price of the bicycle for A isOp 1: 120Op 2: 130Op 3: 115Op 4: 150  
Correct Op: 150  
Ques: A bag contains 6 red balls and some green balls. If the probability of drawing a green ball is half that of a red ball then the number of green balls in the bag isOp 1: 2Op 2: 3Op 3: 5Op 4: 6  
Correct Op: 3  
Ques: If at 15% profit, the selling price of dozen pencil is 13.80, then what is the cost price of one pencilOp 1: Rs. 1.15Op 2: Re 1Op 3: Re 0.80Op 4: Rs 1.10  
Correct Op: 2  
Ques: The principal rs.A,borrowed at A% per annum simple interest,for A months will amount to:  
Op 1: A(1+A^2/12)Op 2: A(1+A^2/1200) Op 3: (A+A^3)/1200 Op 4: A(1+A^2/1200)  
Correct Op: 2  
Ques: Jaya bought a car worth Rs 3,50,000 four years ago If the value of the car depreciates overtime at a fixed rate of 10% per annum, then what will be the present worth of the car? Op 1: Rs 2, 29, 63S Op 2: Rs 2. 50, 000 Op 3: Rs 2, 30. 000 Op 4: Rs 2, 55, 150   
Correct Op: 4  
  
Ques: In an examination ongoing quantitative aptitude and logical reasoning. 65% examinees cleared quantitative aptitude test while 70% cleared logical reasoning test If 50% examinees passed both the tests. then how many failed in both tests? Op 1: 35% Op 2: 15% Op 3: 30% Op 4: 20%   
Correct Op: 2  
  
Ques: The number of ways in which 8 different flowers can be strung to form a garland so that 4 particular flowers are never separated are? Op 1: 960 Op 2: 2880 Op 3: 288 Op 4: 576   
Correct Op: 2  
  
Ques: If the LCM and HCF of two numbers are 78 and 13 respectively, the product of two numbers can be expressed as: Op 1: 2x3x13x11 Op 2: 2x3x13x12 Op 3: 2x3x13x13 Op 4: 2x3x13x14   
Correct Op: 3  
  
Ques: In a class of 80 students. 4/5 of them own cars If 15/16 of them own Alto then how many own alto? Op 1: 64 Op 2: 20 Op 3: 60 Op 4: Data Inconsistent   
Correct Op: 3  
Ques: Given that the interest is only earned on principal, if an investment of Rs 100000 amounts to Rs 144000 in two years. then what is the rate of interest earned? Op 1: 20% Op 2: 22% Op 3: 21% Op 4: 11% Op 5: 44%   
Correct Op: 2  
  
Ques: A water filter takes 40 minutes to filter 20 litres of water Another filter of same specifications takes 30 minutes to filter the same amount of water If both the filters are used at the same time, then how long will it take them to filter 70 litres of water?   
Correct Op: 60 min  
  
Ques: Parulis one-fifth the age her mother was 15 years ago and Parurs brother is three-fifth the age his mother was 10 years ago If the sum of Parul and her brother’s ages is 31. then how old is Parurs mother? Op 1: 50 Op 2: 40 Op 3: 35 Op 4: 60   
Correct Op: 1

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