

A woman spends 45% of his income on food, 15% on children's education and 70% of the remaining on house rent. What percent of her income she is left with?









### Question 12

Evaluate the rate percent per annum at which a sum of money double in 10 years.





(c) 13.5 %

(D) 14.5 %



(A) Rs 1290

**B** Rs 1230

C Rs 2750

**D** Rs 1260

### Question 6

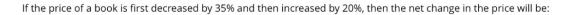
Evaluate the square of 107?

(A) 12549

B 11449

(c) 13549

(D) 11244



A 22 % decrease

(B) 40 % increase

C 30 % increase

D 10 % decrease

### Question 6

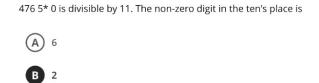
If the cost price of 18 pens is equal to the selling price of 9 pens, the gain percent is?

(A) 30 %

(B) 12 %

100 9

D 60 %







### Question 8

Fresh fruit contains 68% water and dry fruit contains 20% water. How much dry fruit can be obtained from 200 kg of fresh fruits?









Evaluate the rate percent per annum at which a sum of money double in 10 years.

A 10 %

(B) 14.5 %

(C) 11.5 %

(D) 13.5 %

### Question 8

A man took loan from a bank at the rate of 15% p.a. simple interest. After 3 years he had to pay Rs. 6400 interest only for the period. The principal amount borrowed by him was:

(A) RS 20000

**B** Rs 15000

C Rs 14222.22

(D) Rs 2000

The difference between the place value and the face value of 4 in the numeral 967452 is





## Question 12

Evaluate compound interest on Rs. 9000 at 15% per annum for 2 years 4 months, compounded annually





4.2% of 800 × 2.4% of? = 288

- (A) 600.14
- B 357.14
- (c) 700.12
- (D) 650.13

# Question 4

982 \* 9999

- (A) 9808898
- B 9098011
- 9819018
- D 7998012

The largest 4 digit number exactly divisible by 85 is?



**B**) 9993

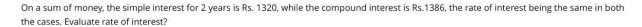
(c) 9833

D 9990

# Question 8

Find the square of 105

- (A) 25255
- B 56258
- **C** 11025
- D 31258



(A) 11%

B 10%

(C) 13%

(D) 12%

### Question 8

A sum of money becomes 5/4 of itself in 3 years at a certain rate of simple interest. The rate per annum is?

A 25/3 %

B) 47/9 %

C) 51/7 %

D 50/9 %

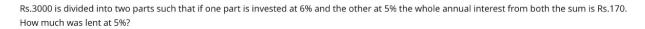
60% of 85 + 80% of 25 = M% of 350 Find the value of M?

- (A) 35.45
- **B** 30.43
- (c) 20.32
- D 20.28

# Question 2

57 \* 137

- (A) 9701
- **B** 9081
- 7809
- **D** 9409



(A) Rs 500

B Rs 1000

(C) RS 1250

(D) Rs 635

### Question 2

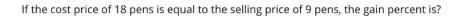
At 10% simple interest per annum a sum of money becomes Rs. 300.3 in 3 years. Evaluate the sum invested?

A Rs. 231

(B) Rs. 275

(C) Rs. 250

D Rs. 240



(A) 60 %

(B) 30 %

C 100 %

(D) 12 %

## Question 2

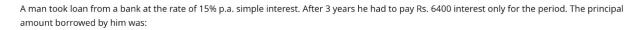
How much time will take for an amount of Rs. 900 to yield Rs.162 as interest at 9% per annum of simple interest?

A 2 years

B 3 years

(c) 2.5 years

D 4 years



A Rs 15000

B Rs 14222.22

(C) Rs 2000

D RS 20000

### Question 10

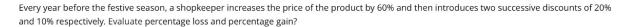
926 × 452

A 418552

(B) 637328

C 983452

D 876458



(A) 4.15 % gain

(B) 3.27 % gain

15.2 % gain

(D) 3.27 % loss

### Question 10

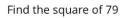
A woman spends 45% of his income on food, 15% on children's education and 70% of the remaining on house rent. What percent of her income she is left with?

A 8 %

B 12 %

C 13 %

(D) 10 %





(B) 7921

(C) 8121

(D) 7821

## Question 4

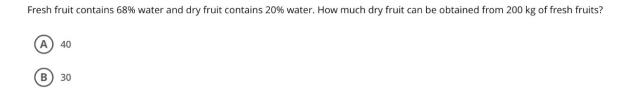
A's salary is 30% of B's salary which is 25% of C's salary. Evaluate percentage of A's salary w.r.t C's salary?

A 7.5

(B) 40

(a)

(D) 8.5





### Question 2

The difference between the squares of two consecutive odd integers is always divisible by?









(A) 112

B 98

(C) 135

(D) 12

### Question 12

A seller uses 800 gm in place of 1 kg to sell his goods. Find his actual profit/loss % when he sells his article on 5% loss on cost price?

(A) 24.18% loss

(B) 14.28 % loss

**C** 18.75% profit

(D) 24.18 % profit

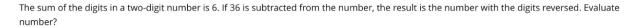
The simple interest on Rs. 45 for 4 months at the rate of 3 paisa per rupee per month is:

- (A) Rs. 2.40
- B Rs. 5.40
- (C) Rs. 3
- D Rs. 1.40

# Question 10

Find the next number in the series 135, 80, 270, 40.....?

- (A) 500
- **B**) 544
- **C** 540
- (D) 150



(A) 24

B 51

(C) 42

(D) 14

### Question 4

When a woman sells 40 articles for Rs. 200, there is 40% loss. How many articles should she sell for Rs. 240 in order to earn 20% profit?

(A) 17

(B) 14

(C) 16

D 24

### Question 11

The current birth rate per thousand is 42, whereas corresponding death rate is 32 per thousand. The net growth rate in terms of population increase in percent is given by:

(A) 1.2 %

(B) 2.1 %

(C) 1.3 %

**D** 1.0%

### Question 12

Simplify [82 -12  $\div$  3 \* 2] + (18 - 6)  $\div$  4.

(A) 58

**B** 77

C 63

(D) 39



A 22.75 %

(B) 18 %

(c) 20 %

(D) 21 %

### Question 6

The current birth rate per thousand is 42, whereas corresponding death rate is 32 per thousand. The net growth rate in terms of population increase in percent is given by:

A 1.3 %

(B) 2.1 %

(c) 1.2 %

D 1.0%



(A) 0%

(B) 2%

(c) 1%

D 9%

## Question 10

Two numbers are 30% and 40% less than the third number. How much percent is the second number less than first number?

(A) 16.70

(B) 11.60

C 14.28

(**D**) 13.50

One-fifth of a number is equal to 5/8th of another number. If 45 is added to the first number, it becomes five times the second number. Evaluate second number.









#### Question 4

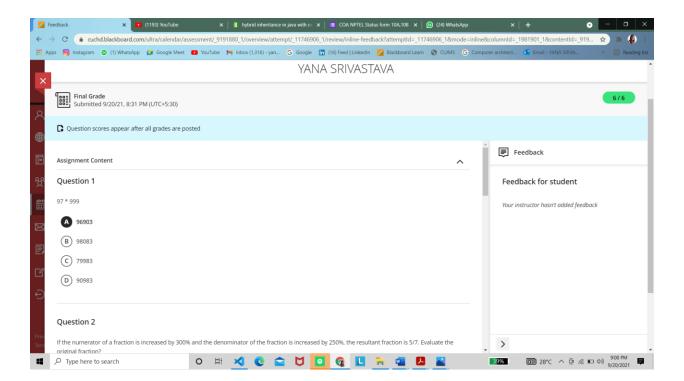
Rs.3000 is divided into two parts such that if one part is invested at 6% and the other at 5% the whole annual interest from both the sum is Rs.170. How much was lent at 5%?

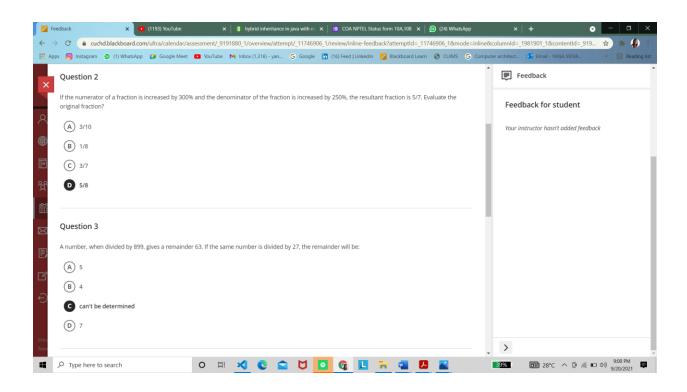


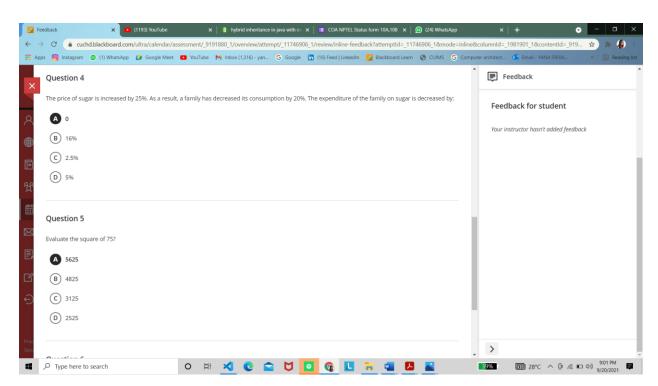


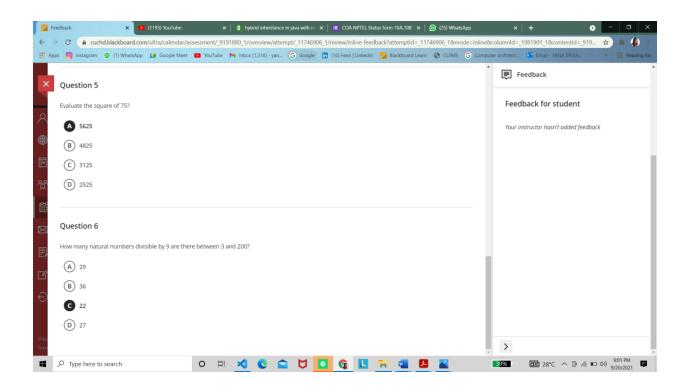


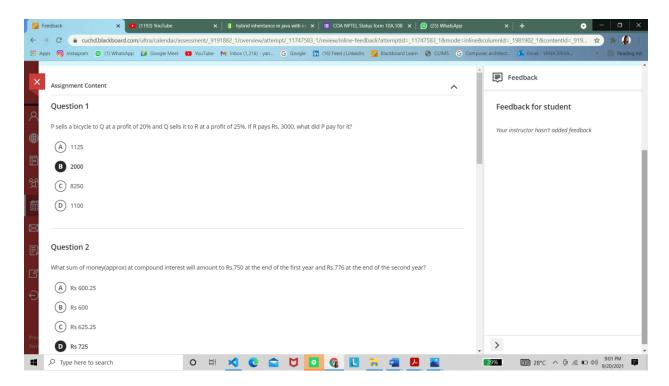
(D) RS 1250

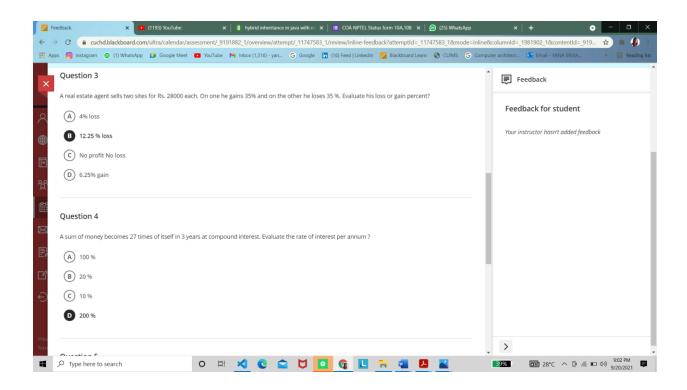


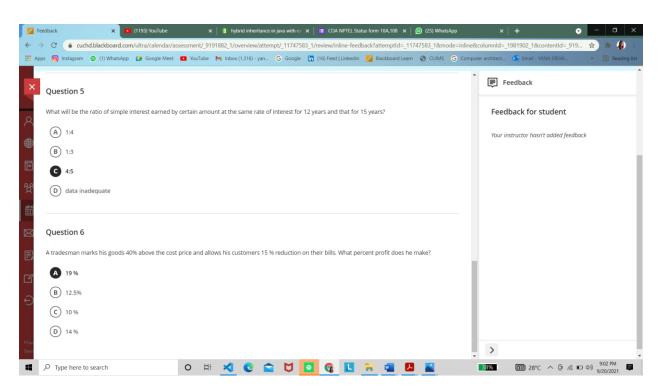














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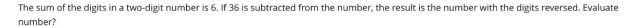
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(C) 1.3 %

**D** 1.0%

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