

APTITUDE

# Surprise test 1

Rajdeep Jaiswal

**Final Grade**  
Submitted 9/20/21, 11:27 PM (UTC+5:30)

11 / 12

Question scores appear after all grades are posted

## Assignment Content

### Question 1

If books bought at prices ranging from Rs. 200 to Rs. 450 are sold at prices ranging from Rs. 350 to Rs. 525, what is the greatest possible profit that might be made in selling eight books?

- (A) 1800
- (B) 600
- (C) 2600
- (D) 1200

## Feedback

### Feedback for student

Your instructor hasn't added feedback



Feedback

The difference between the place value and the fac | Numbers Q...

A number, when divided by 114 leaves a remainder of 21. If the s...

- (A) 1800
- (B) 600
- (C) 2600
- (D) 1200

### Question 2

Evaluate the smallest number by which 3125 must be divided in order to make it into a perfect square?

- (A) 2
- (B) 5
- (C) 3
- (D) 4

### Question 3

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

### Feedback

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- (A) 2
- (B) 5**
- (C) 3
- (D) 4

Question 3

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

- (A) 699
- (B) 639**
- (C) 583
- (D) 396

Question 4

A number  $x$  when divided by 273 leaves 21 as the remainder. The same number when divided by 13 leaves  $y$  as a remainder. Evaluate  $y$ ?

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

- A 699
- B 639
- C 583
- D 396

### Question 4

A number  $x$  when divided by 273 leaves 21 as the remainder. The same number when divided by 13 leaves  $y$  as a remainder. Evaluate  $y$ ?

- A 6
- B 0
- C 8
- D 7

### Question 5

Fresh fruit contains 68% water and dry fruit contains 20% water. How much dry fruit can be obtained from 200

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Feedback

- B 0
- C 8
- D 7

### Question 5

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

- A 20
- B 30
- C 40
- D 80

### Question 6

810 sweets were distributed equally among children in such a way that the number of sweets received by each child is 40% of the total number of children. How many sweets did each child receive?

- A 9

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Feedback

The difference between the place value and the fac | Numbers Q...

A number, when divided by 114 leaves a remainder of 21. If the s...

- (A) 20
- (B) 30
- (C) 40
- (D) 80

### Question 6

810 sweets were distributed equally among children in such a way that the number of sweets received by each child is 40% of the total number of children. How many sweets did each child receive?

- (A) 9
- (B) 10
- (C) 18
- (D) 11

### Question 7

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

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### Question 7

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

- (A) 2109
- (B) 3497.625
- (C) 6109
- (D) 3109

### Question 8

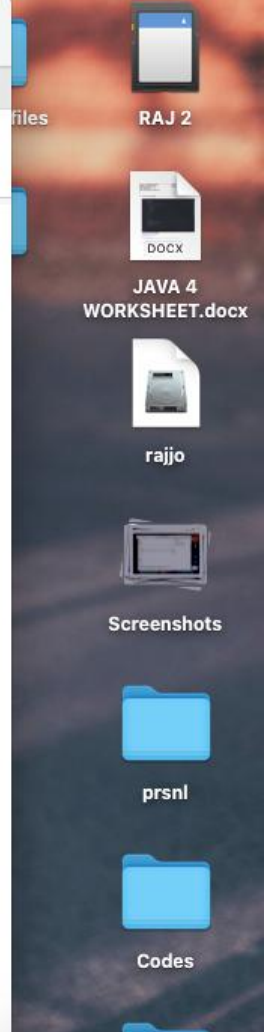
The compound interest on rs.30000 at 7% per annum is Rs.4347. The period is

- (A) 2.5 years
- (B) 3 years
- (C) 2 years
- (D) 4 years

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### Question 9

The value of a machine depreciates at the rate of 20% every year. It was purchased 2 years ago. If its present value is Rs. 8748, its purchase price was:

- (A) 16000
- (B) 10000.56
- (C) 12000.67
- (D) 13668.75

### Question 10

$97 \times 1111$

- (A) 647358
- (B) 637327
- (C) 107767
- (D) 983458


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### Question 11

If the manufacturer gains 20 %, the wholesale dealer 30 % and the retailer 50 %, then find the cost of production (Approximately) of a table if the retail price was Rs 2529.54.

- A Rs 8000
- B Rs 9001
- C Rs 1081
- D Rs 7500

### Question 12

The sum of all two digits numbers divisible by 11 is

- A 495
- B 678
- C 945
- D 568

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