



RRB JE BODMAS Questions PDF

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Instructions

For the following questions answer them individually

Question 1

What is the value of $(156+211\div 7-31\times 3)$

- A 93.14
- B 91.47
- C 92.36
- D 94.58

Answer: A

Explanation:

By simplifying we get
 $=156+30.14-93$
 $=186.14-93$
 $=93.14$

Question 2

What is the value of $(361.223-34.567\times 2+123.345)$

- A 413.137
- B 412.267
- C 415.434
- D 414.367

Answer: C

Explanation:

By simplifying we get
 $(292.089+123.345)=415.434$

Question 3

What is the value of $2^5 + 16 * 4 + 4 / 2 - 1$?

- A 97
- B 67
- C 47
- D 27

Answer: A

Explanation:

We have to use BEDMAS rule in this situation.
So we resolve Brackets, Exponents, Division, Multiplication, Addition, Subtraction in that order.

$\Rightarrow 32 + 16 * 4 + 4/2 - 1$
 $\Rightarrow 32 + 16 * 4 + 2 - 1$
 $\Rightarrow 32 + 64 + 2 - 1 = 98 - 1 = 97$

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Instructions

What will come in place of question mark (?) in the given questions?

Question 4

$$(0.3 + 0.9 + 0.06)(0.4 + 0.4 + 0.05) = ?$$

A 1.071

B 0.693

C 0.369

D 0.963

Answer: A

Explanation:

$$.3 + .9 + .06 = 1.26$$

$$.4 + .4 + .05 = .85$$

$$1.26 \times .85 = 1.071$$

Instructions

For the following questions answer them individually

Question 5

$$67 * 89 + 78 * 56 = ?$$

A 14911

B 9991

C 10201

D 10331

Answer: D

Explanation:

$$67 * 89 = (70-3)*(90-1) = 6300-270-70+3 = 5963$$

$$78*56 = (80-2)*(60-4) = 4800-120-320+8 = 4368$$

$$67 * 89 + 78 * 56 = 5963 + 4368 = 10331$$

Question 6

$$45/13 * (19 + 7) + 5 = ?$$

A 95

B 105

C 100

D 87.5

Answer: A

Explanation:

As per BODMAS rule, we would add the contents of the brackets first.

$$\begin{aligned} & \Rightarrow 45/13 * 26 + 5 \\ & 26 = 13 * 2 \\ & \Rightarrow 45 * 2 + 5 \\ & \Rightarrow 90 + 5 \\ & \Rightarrow 95 \end{aligned}$$

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Question 7

$$47 * 117 \div 13 + 2 = ?$$

- A 209
- B 102
- C 423
- D 425

Answer: D

Explanation:

$$47 * 117 \div 13 + 2 = 47 * 9 + 2 = 423 + 2 = 425$$

Question 8

$$\frac{32}{3} + \frac{46}{9} - \frac{14}{3} = ?$$

- A 100/9
- B 10
- C 11
- D 103/9

Answer: A

Explanation:

$$\frac{32}{3} + \frac{46}{9} - \frac{14}{3} = 6 + \frac{46}{9} = \frac{100}{9}$$

Question 9

$$(7857 + 3596 + 4123) \div 96 = ?$$

- A 155.06
- B 162.25
- C 151.83
- D 165.70

Answer: B

Explanation:

$$7857 + 3596 + 4123 = 15576$$

$$15576 / 96 = 162.25$$

Instructions

What approximate value should come in place of question-mark (?) in the following questions ? (You are expected to calculate the exact value)

Question 10

$$(9321 + 5406 + 1001) \div (498 + 929 + 660) = ?$$

- A 13.5
- B 4.5
- C 16.5
- D 7.5

Answer: D

Explanation:

$$9321 + 5406 + 1001 = 15728$$

$$498 + 929 + 660 = 2087$$

$$15728 \div 2087 = 7.536$$

So option D is the right answer.

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