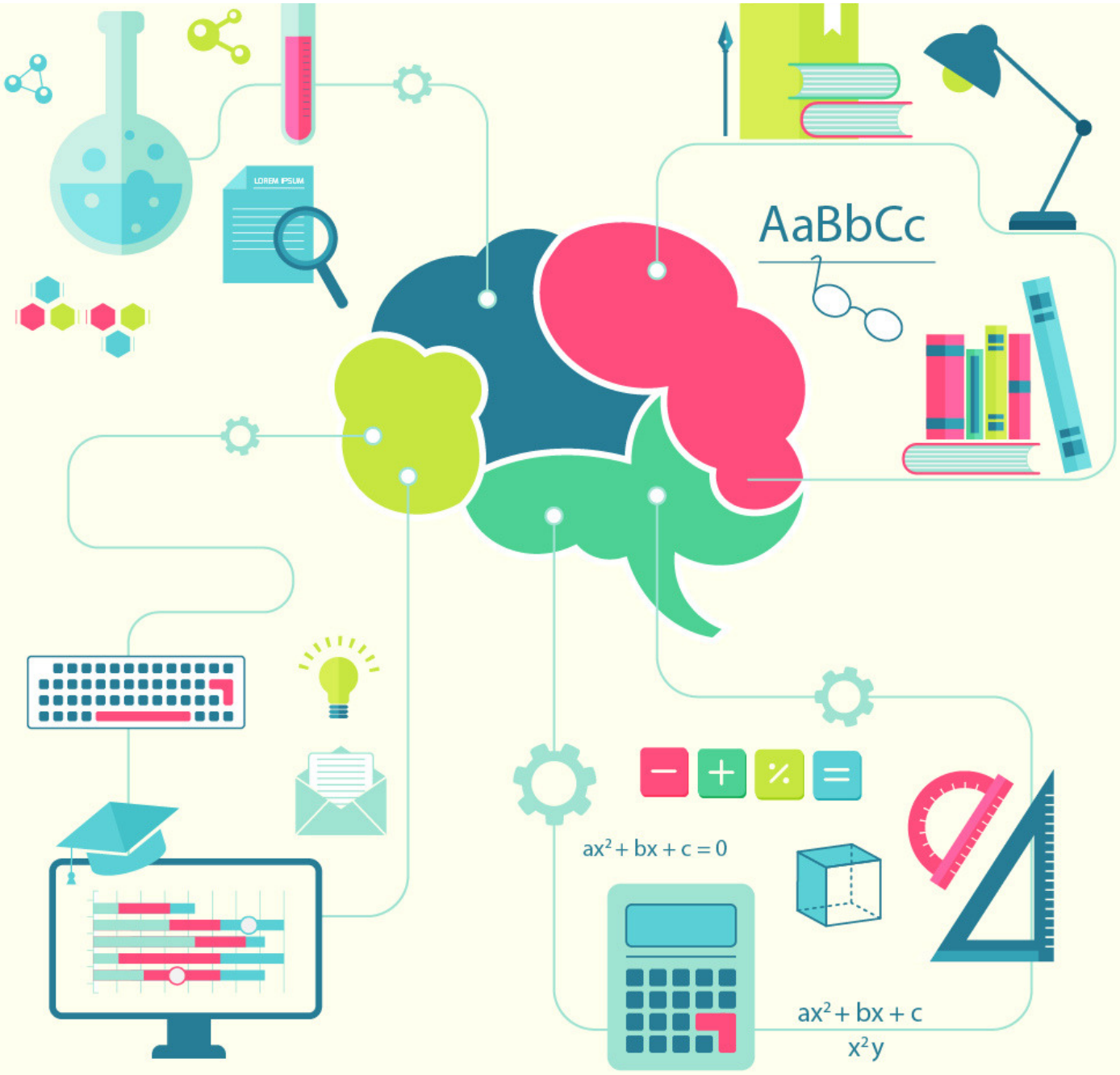
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SBI Clerk Simplification Questions

22 Jan 2018



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Instructions (1-5):

Instructions: What approximate value should come in place of question mark (?) in the following questions? (Note: You are not expected to calculate the exact value.)

Question 1:

39.897% of 4331 + 58.779% of 5003 =?

a) 4300
b) 4500
c) 4700
d) 4900
e) 5100

Question 2:

43931.03 ÷ 2111.02 × 401.04 =?

a) 8800
b) 7600
c) 7400
d) 9000
e) 8300

Question 3:

$\sqrt{6354} x 34.999 = ?$

a) 3000
b) 2800
c) 2500
d) 3300
e) 2600

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Question 4:

$\sqrt[3]{4663} + 349 = ?21.003$

a) 7600
b) 7650
c) 7860
d) 7560
e) 7680

Question 5:

59.88 ÷ 12.21 × 6.35 =?

a) 10
b) 50
c) 30
d) 70
e) 90

Instructions (6-10):

What approximate value should come in place of the question mark (?) in the following questions. (Note: You are not expected to calculate the exact value)

Question 6:

$8787343\sqrt{50} = ?$

a) 250
b) 140
c) 180
d) 100
e) 280

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Question 7:

$\sqrt{6354} x 34.999 = ?$

a) 48
b) 38
c) 28
d) 18
e) 58

Question 8:

$\frac{5}{8} of 4011.33 + \frac{7}{10} of 3411.22 = ?$

a) 4810
b) 4980
c) 4890
d) 4930
e) 4850

Question 9:

23% of 6783 + 57% of 8431 = ?

a) 6460
b) 6420
c) 6320
d) 6630
e) 6365.7

Question 10:

335.01×244.99 ÷ 55 = ?

a) 1490
b) 1550
c) 1420
d) 1590
e) 1400

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Solutions:

1) Answer (C)

$$40x\frac{4330}{100} + 59 + \frac{5000}{100}$$

= 1732 + 2950
= 4682

2) Answer (E)

$$\frac{43931}{2111} \times 401 = 8345.01 \approx 8300$$

3) Answer (B)

After taking approximation equation will be

$$\sqrt{6354} \times 34.993 = 80 \times 35 = 2800$$

4) Answer (E)

$$\sqrt[3]{4663} \approx 17$$

SBI Clerk 2018 Syllabus

17 + 349 = ? ÷ 21
366 x 21 = ?
? = 7686 ≈ 7680

5) Answer (C)

After taking approximation equation will be 60 ÷ 12 x 6 = 30

6) Answer (C)

8787 ÷ 343 = 25.61

$$\sqrt{50} = 7.07$$

25.61 x 7.07 = 181.06 ≈ 180

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7) Answer (B)

303 ÷ 8 =37.875 ≈ 38

$\sqrt[3]{54821} = 37.98$

38^2

8) Answer (C)

$\frac{5}{8} \times 4011.33 = 2507.08$

$\frac{7}{10} of 3411.22 = 2387.854$

2507.08 + 2387.854 = 4894.934 ≈ 4890

9) Answer (E)

23% of 6783 can be calculated as (20+3)% of 6783 = 1560.09
57% of 8453 can be calculated as (50+7)% of 8431 = 4805.67
Sum will be = 1560.09 + 4805.67 = 6365.7

10) Answer (A)

244.99 ≈ 245
245 ÷ 55 = 4.45
335.01 ≈ 335
335 x 4.45 = 1492 ≈ 1490

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