Q:1 Direction: What will come in place of question mark (?) in the following question?
$89/3 \div \{15/4 - 1/3 \times (12/2 - 6/3 - 2/12)\} = ?$
1. 20.41
2. 25.96
3. 11.74
4. 15.63
5. 18.97

Q:2 Direction: What will come in place of question mark (?) in the following question?
$(205.87 + 84.13) \div 25.85 + \sqrt{144} = ?$
1. 32.33
2. 23.22
3. 25.55
4. 27.66
5. 29.11

Q:3 Simplify -
28% of 680 + 42% of 360 - 20% of x = 290
1. 213
2. 245
3. 258
4. 263
5. 289

Q:4 Direction: What will come in place of '?' in the following question?
$19^2 + 47 \times 8 - 116 \div 4 = ?$
1. 698
2. 630
3. 732
4. 708
5. 450

Q:5 Direction: What will come in place of the question mark (?) in the following questions?
$(6.7)^4 - (8.9)^3 + (12.23)^2 = ?$
1. 1010.716
2. 1459.716
3. 1522.716
4. 1746.716
5. 1230.716

Q:6 Simplify -
$89 + 85 - \{34 + (52 - 26) \div 13\}$
1. 148
2. 138
3. 128
4. 158
5. 168

Q:7 Simplify -
$42 + [15 - \{(-21) + 27 + (18 \times 6 + 1 - 17 \times 4)\}]$
1. 14
2. 18
3. 22
4. 10
5. 12

Q:8 Direction: What should come in place of the question mark (?) in the following question?
8.6% of 640 + 5.6% of 360 = ?% of 560
1. 13.43
2. 15.26
3. 11.20
4. 21.36
5. 9.6

Q:9 Direction: What will come in place of question mark (?) in the following question?
128% of 580 + 64% of 720 = ?% of 1680
1. 65.32
2. 71.62
3. 72.80
4. 74.69
5. 78.12

Q:10 Solve the following:
$85 - 16 + [3\{(29 - 8)^2 - 41 \times 4\}] = ?$
1. 810
2. 830
3. 900
4. 840
5. 870

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Answer Key

1. (3)	**2.** (2)	**3.** (3)	**4.** (4)	**5.** (2)
6. (2)	**7.** (4)	**8.** (1)	**9.** (2)	**10.** (3)

Answers and Solutions

Q:1 The correct answer is **Option 3** i.e. **11.74**
$89/3 \div \{15/4 - 1/3 \times (12/2 - 6/3 - 4/12)\} = ?$
$89/3 \div [15/4 - 1/3 \times \{(72 - 24 - 4)/12\}] = ?$
$89/3 \div \{15/4 - 1/3 \times 44/12\} = ?$
$89/3 \div \{15/4 - 11/9\} = ?$
$89/3 \div (135 - 44)/36 = ?$
$89/3 \div (91/36) = ?$
$89/3 \times (36/91) = ?$
$1068/91 = ?$
$11.74 = ?$

Q:2 The correct answer is **Option 2** i.e. **23.22**
$(205.87 + 84.13) \div 25.85 + \sqrt{144} = ?$
$290 \div 25.85 + 12 = ?$
$11.22 + 12 = ?$
$? = 23.22$

Q:3 The correct answer is **Option 3** i.e. **258**
28% of 680 + 42% of 360 - 20% of x = 290
$28(680)/100 + 42(360)/100 - 20x/100 = 290$
$190.40 + 151.20 - x/5 = 290$
$341.6 - 290 = x/5$
$x/5 = 51.6$
$x = 258$

Q:4 The correct answer is **Option 4** i.e. **708**
$19^2 + 47 \times 8 - 116 \div 4 = ?$
$? = 361 + 376 - 29$
$? = 708$

Q:5 The correct answer is **Option 2** i.e. **1459.716**
$(6.7)^4 - (8.9)^3 + (12.23)^2 = ?$
$2015.1121 - 704.969 + 149.5729 = ?$
$? = 1459.716$

Q:6 The correct answer is **Option 2** i.e. **138**
$89 + 85 - \{34 + (52 - 26) \div 13\}$
$= 89 + 85 - \{34 + 26 \div 13\}$
$= 89 + 85 - \{34 + 2\}$
$= 89 + 85 - 36$
$= 138$

Q:7 The correct answer is **Option 4** i.e. **10**
$42 + [15 - \{(-21) + 27 + (18 \times 6 + 1 - 17 \times 4)\}]$
$= 42 + [15 - \{-21 + 27 + (108 + 1 - 68)\}]$
$= 42 + [15 - \{-21 + 27 + 109 - 68\}]$
$= 42 + [15 - 47]$
$= 42 + 15 - 47$
$= 10$

Q:8 The correct answer is **Option 1** i.e. **13.43**
8.6% of 640 + 5.6% of 360 = ?% of 560
$8.6(640)/100 + 5.6(360)/100 = ?(560)/100$
$55.04 + 20.16 = ?(5.60)$
$? = 75.2/5.60$
$? = 13.43$

Q:9 The correct answer is **Option 2** i.e. **71.62**
128% of 580 + 64% of 720 = ?% of 1680
$128(580)/100 + 64(720)/100 = ?(1680)/100$
$742.40 + 460.80 = ?(16.80)$
$1203.2/16.80 = ?$
$71.62 = ?$

Q:10 The correct answer is **Option 3** i.e. **900.**
$85 - 16 + [3\{(29 - 8)^2 - 41 \times 4\}] = ?$
$85 - 16 + [3\{(21)^2 - 41 \times 4\}] = ?$
$85 - 16 + [3\{441 - 164\}] = ?$
$85 - 16 + [3(277)] = ?$
$85 - 16 + 831 = ?$
$900 = ?$

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