





SSC

Banking

WB Police

WB Civil Services

Other Competitive Exams

Date: 19th Nov 2023

Quantitative Aptitude - Missing Number Series

English

Q:1 Direction: What will come at the place of question mark (?) in given number series:

- 3, 7, 22, 89, ?, 2677
- **1.** 446
- **2.** 442
- **3.** 440
- **4.** 430
- **5.** 426

Q:2 What will come in place of the question mark(?) in the following number series?

- 32, ?, 44, 56, 72, 92, 116
- 1.38
- **2.** 32
- **3.** 36
- **4**. 40
- 5. None of these

Q:3 What will come in place of the question mark(?) in the following number series?

- 2, -2, 30, -12, ? , -30, 250
- **1.** 124
- **2.** 130
- **3**. 142
- **4**. 156
- 5. None of these

Q:4 What will come in place of the question mark(?) in the following number series?

- 144, 155, 142, 159, ?, 167, 126
- **1.** 130
- **2**. 132
- **3.** 134
- **4.** 136
- **5**. 140

Q:5 What will come in place of the question mark(?) in the following number series?

- 4, 4, 9, 29, 119, 599, ?
- **1.** 3594
- **2.** 2989
- **3.** 3499
- **4.** 3884
- **5.** 3599

Q:6 What will come in place of the question

mark(?) in the following number series? 2.5, 2, 3, 1.5, 3.5, ?, 4

- **1.** 1
- **2.** 2.5
- **3.** 1.5
- **4.** 0.5
- **5**. 0

Q:7 What will come in place of the question mark(?) in the following number series?

- 2, 7, 21, 57, ?, 353
- **1.** 176
- **2.** 154
- **3.** 145
- **4.** 184
- 5. None of these

Q:8 Directions: What will come in place of the question mark(?) in the following number series? 6, 13, 25, 51, 101, ?, 405, 911

- **1.** 210
- **2**. 201
- 3.203
- 4.198
- 5. None of these

Q:9 Directions: What will come in place of the question mark(?) in the following number series? 25, 29, 54, 83, 137, ?, 357

- **1.** 220
- **2.** 213
- 3.209
- **4.** 226
- **5.** 234

Q:10 What will come in place of the question mark(?) in the following number series? 98, 115, 139, 177, 236, ?

- **1.** 326
- **2**. 330
- **3**. 316
- **4.** 320
- **5.** 323

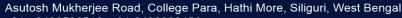


















Banking

WB Police

WB Civil Services

Other Competitive Exams

Date: 19th Nov 2023

Quantitative Aptitude - Missing Number Series

English

Answer Key

1 . (1)	2. (3)	3. (2)	4 . (4)	5 . (5)	
6 (1)	7 (3)	8 (3)	9. (1)	10. (5)	
6. (1)	7. (3)	o. (3)	9. (1)	110. (3)	

Answers and Solutions

Q:1 The correct answer is option 1 i.e 446 The series follows the given pattern:



Hence the missing term will be 446.

Q:2 The correct answer is option 3 i.e. 36 The terms are increasing in multiple of 4,

$$\Rightarrow 36 + 8 = 44$$

$$\Rightarrow$$
 44 + 12 = 56

$$\Rightarrow$$
 56 + 16 = 72

$$\Rightarrow$$
 72 + 20 = 92

$$\Rightarrow$$
 92 + 24 = 116

Hence, 32 + 4 = 36 is the missing term.

Q:3 The correct answer is option 2 i.e. 130

$$1 + 1^3 = 2$$

$$2 - 2^2 = -2$$

$$3 + 3^3 = 30$$

$$4 - 4^2 = -12$$

$$5 + 5^3 = 130$$

Hence, the missing term = $5 + 5^3 = 130$

Q:4 The correct answer is option 4 i.e. 136

144 + 11 = 155

The pattern of the difference between the numbers:

$$+(2 \times 1), -(2 \times 2), +(2 \times 3), -(2 \times 4)...$$

Hence, missing term = 159 - 23 = 136

To verify,

136 + 31 = 167

167 - 41 = 126

Hence, 136 is the missing value.

Q:5 The correct answer is Option 5 i.e. 3599

The series follows the following pattern:

$$\Rightarrow$$
 4 × 1 + 0 = 4

$$\Rightarrow$$
 4 × 2 + 1 = 9

$$\Rightarrow$$
 9 × 3 + 2 = 29

$$\Rightarrow$$
 29 × 4 + 3 = 119

$$\Rightarrow$$
 119 × 5 + 4 = 599

$$\Rightarrow$$
 599 × 6 + 5 = 3599

: The missing term in the given series is 3599.

Q:6 The correct answer is option 1 i.e. 1

The series has the following pattern:

$$\Rightarrow 2.5 - 0.5 \times 1 = 2$$

$$\Rightarrow$$
 2 + 0.5 × 2 = 3

$$\Rightarrow$$
 3 - 0.5 × 3 = 1.5

$$\Rightarrow$$
 1.5 + 0.5 × 4 = 3.5

$$\Rightarrow$$
 3.5 - 0.5 × 5 = 1

Hence, the missing value is 1

Q:7 The correct answer is option 3 i.e. 145.

1st Term =
$$2 \times 1/2 + 1 = 2$$

2nd term =
$$4 \times 3/2 + 1 = 7$$

3rd term =
$$8 \times 5/2 + 1 = 21$$

4th term =
$$16 \times 7/2 + 1 = 57$$

5th term or the missing term = $32 \times 9/2 + 1 = 145$

Q:8 The correct answer is option 3 i.e. 203.

6, 13, 2<mark>5,</mark> 51, 101, ? , 405, 911

Every term is multiplied by 2 from the previous term and it is added or subtracted by 1 in alternate

$$\Rightarrow$$
 6 × 2 + 1 = 13

$$\Rightarrow$$
 13 × 2 - 1 = 25

$$\Rightarrow$$
 25 × 2 + 1 = 51

$$\Rightarrow$$
 51 × 2 - 1 = 101

$$\Rightarrow$$
 101 × 2 + 1 = 203

Hence, the missing value is 203

Q:9 The correct answer is Option 1 i.e. 220.

25, 29, 54, 83, 137, ?, 357

Since the 3rd term, every term is the sum of previous terms.

Hence, missing value = 137 + 83 = 220

Q:10 The correct answer is option 5 i.e. 323.

It is a double-difference series.

Taking the difference of consecutive terms:





thedronas.com





GET IT ON











Banking

WB Police **WB Civil Services** **Other Competitive Exams**

Quantitative Aptitude - Missing Number Series **Date:** 19th Nov 2023

English

115 - 98 = 17

139 - 115 = 24

177 - 139 = 38

236 - 177 = 59

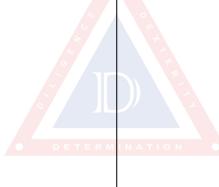
Hence the series:

17, 24, 38, 59

Here the differences between consecutive terms is multiples of 7:

Hence next term of this series = 59 + 28 = 87

Hence, Next term of original series = 236 + 87 =









thedronas.com







GETITON Google Play

