Date : 3rd Jan 2024 **Quantitative Aptitude - Wrong Number Series** English

Q:1 Find the wrong term in the series given below:
11, 9, 18, 14, 39, 27
1. 27
2. 14
3. 18
4. 9
5. 11

Q:2 Find the wrong term in the series given below:
7, 20, 49, 85, 137
1. 7
2. 20
3. 49
4. 85
5. 137

Q:3 Find the wrong term in the series given below:
3, 4, 12, 39, 106
1. 3
2. 4
3. 12
4. 39
5. 106

Q:4 Find the wrong term in the series given below:
7, 10, 19, 49, 127, 370
1. 10
2. 49
3. 46
4. 127
5. 7

Q:5 Find the wrong term in the series given below:
1, -1, 3, -5, 14, -21
1. -1
2. 3
3. -5
4. 14
5. -21

Q:6 Find the wrong term in the series given below:
1792, 1795, 1790, 1797, 1780, 1799, 1786
1. 1795
2. 1780
3. 1786
4. 1792
5. 1797

Q:7 Find the wrong term in the series given below:
343, 341, 1023, 1019, 5095, 5089, 35523
1. 341
2. 5095
3. 35523
4. 1023
5. 5089

Q:8 Find the wrong term in the series given below:
1046, 524, 527, 795.5, 1598, 4005
1. 795.5
2. 527
3. 1046
4. 4005
5. 1598

Q:9 Find the wrong term in the series given below:
89, 214, 364, 539, 739, 960, 1214
1. 539
2. 960
3. 739
4. 364
5. 1214

Q:10 Find the wrong term in the series given below:
12, 4, 5, 5.5, 6, 10, 11
1. 12
2. 6
3. 5
4. 5.5
5. 11

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Answer Key

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

Answers and Solutions

Q:1 The correct answer is **option 1** i.e. **27**
The series follows the following pattern:
$\Rightarrow 11 + (-2)^1 = 9$
$\Rightarrow 9 + (-3)^2 = 18$
$\Rightarrow 18 + (-4)^1 = 14$
$\Rightarrow 14 + (-5)^2 = 39$
$\Rightarrow 39 + (-6)^1 = 33$
$\therefore$ The wrong term is 27.

Q:2 The correct answer is **option 3** i.e. **49**
The series follows the following pattern:
$\Rightarrow 7 + 13 = 20$
$\Rightarrow 20 + 26 = 46$
$\Rightarrow 46 + 39 = 85$
$\Rightarrow 85 + 52 = 137$
$\therefore$ The wrong term is 49.

Q:3 The correct answer is **option 5** i.e. **106**
The series follows the following pattern:
$\Rightarrow 3 + 1^3 = 4$
$\Rightarrow 4 + 2^3 = 12$
$\Rightarrow 12 + 3^3 = 39$
$\Rightarrow 39 + 4^3 = 103$
$\therefore$ The wrong term is 106.

Q:4 The correct answer is **option 2** i.e. **49**
The series follows the following pattern:
$\Rightarrow 7 + 3^1 = 10$
$\Rightarrow 10 + 3^2 = 19$
$\Rightarrow 19 + 3^3 = 46$
$\Rightarrow 46 + 3^4 = 127$
$\Rightarrow 127 + 3^5 = 370$
$\therefore$ The wrong term is 49.

Q:5 The correct answer is **option 4** i.e. **14.**
The series follows the following pattern:
$\Rightarrow (-2)^0 = 1$
$\Rightarrow 1 + (-2)^1 = -1$
$\Rightarrow -1 + (-2)^2 = 3$
$\Rightarrow 3 + (-2)^3 = -5$
$\Rightarrow -5 + (-2)^4 = 11$
$\Rightarrow 11 + (-2)^5 = -21$
$\therefore$ The wrong term is 14.

Q:6 The correct answer is **Option 2** i.e. **1780**
Series:
1792, 1795, 1790, 1797, 1780, 1799, 1786
The series follows the following pattern
$\Rightarrow 1792 + 3 = 1795$
$\Rightarrow 1795 - 5 = 1790$
$\Rightarrow 1790 + 7 = 1797$
$\Rightarrow 1797 - 9 = 1788$
$\Rightarrow 1788 + 11 = 1799$
$\Rightarrow 1799 - 13 = 1786$
Hence, The wrong term is 1780

Q:7 The correct answer is **Option 3** i.e. **35523.**
We have to find the wrong term
Series
343, 341, 1023, 1019, 5095, 5089, 35523
Now, The series follows the following pattern
$\Rightarrow 343 - 2 = 341$
$\Rightarrow 341 \times 3 = 1023$
$\Rightarrow 1023 - 4 = 1019$
$\Rightarrow 1019 \times 5 = 5095$
$\Rightarrow 5095 - 6 = 5089$
$\Rightarrow 5089 \times 7 = 35623$
Hence, the wrong term is 35523.

Q:8 The correct answer is **Option 4** i.e. **4005.**
We have to find the wrong term
Series:
1046, 524, 527, 795.5, 1598, 4005
Now, The series follows the following pattern
$\Rightarrow 1046 \times 1/2 + 1 = 524$
$\Rightarrow 524 \times 1 + 3 = 527$
$\Rightarrow 527 \times 3/2 + 5 = 795.5$
$\Rightarrow 795.5 \times 2 + 7 = 1598$
$\Rightarrow 1598 \times 5/2 + 9 = 4004$
Hence, wrong term is 4005

Q:9 The correct answer is **Option 2** i.e. **960.**
We have to find the wrong term
Series:
89, 214, 364, 539, 739, 960, 1214

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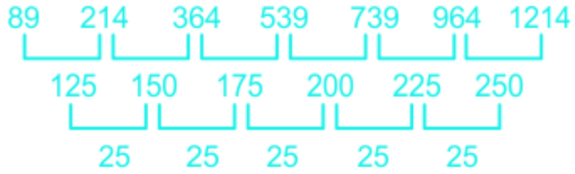
Now, On the basis of the series pattern
The series follows the following pattern



Hence, the wrong term is 960.

Q:10 The correct answer is **option 4** i.e. **5.5**
Series:
12, 4, 5, 5.5, 6, 10, 11
The series follows the following pattern
⇒ 12 × 1/3 = 4
⇒ 4 + 1 = 5
⇒ 5 × 3/3 = 5 (not 5.5)
⇒ 5 + 1 = 6
⇒ 6 × 5/3 = 10
⇒ 10 + 1 = 11
Hence, the wrong term is 5.5

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