

**JobDuniya: Downloaded from jobduniya.com [https://www.jobduniya.com/]**

For solved question bank visit [doorsteptutor.com \[https://www.doorsteptutor.com\]](https://www.doorsteptutor.com) and for free video lectures visit [Examrace YouTube Channel \[https://youtube.com/c/Examrace/\]](https://youtube.com/c/Examrace/)

## Aptitude Papers General Aptitude Questions Aptitude Questions Set V

Get unlimited access to the best preparation resource for competitive exams : [get questions, notes, tests, video lectures and more \[https://www.doorsteptutor.com/\]](https://www.doorsteptutor.com/) - for all subjects of your exam.

For the following, find the next term in the series

1. 6, 24, 60, 120, 210

a. 336

b. 366

c. 330

d. 660

2. Answer: (a)

3. Explanation: The series is 1.2. 3,2.3. 4,3.4. 5,4.5. 6,5.6. 7, \_\_\_\_\_ ( " means product)

4. 1, 5, 13, 25 Answer: 41 Explanation: The series is of the form  $0^2 + 1^2, 1^2 + 2^2, \dots$

5. 0, 5, 8, 17 Answer: 24 Explanation:  $1^2 - 1, 2^2 + 1, 3^2 - 1, 4^2 + 1, 5^2 - 1$

6. 1, 8, 9, 64, 25 (Hint: Every successive terms are related) Answer: 216 Explanation:  $1^2, 2^3, 3^2, 4^3, 5^2, 6^3$

7. 8, 24, 12, 36, 18, 54 Answer: 27

8. 71, 76, 69, 74, 67, 72 Answer: 67

9. 5, 9, 16, 29, 54 Answer: 103 Explanation:  $5 * 2 - 1 = 9; 9 * 2 - 2 = 16; 16 * 2 - 3 = 29; 29 * 2 - 4 = 54; 54 * 2 - 5 = 103$

10. 1, 2, 4, 10, 16, 40, 64 (Successive terms are related) Answer: 200 Explanation: The series is powers of 2 ( $2^0, 2^1, \dots$ ). All digits are less than 8. Every second number is in octal number system. 128 should follow 64.  $128 \text{ base } 10 = 200 \text{ base } 8$ .

### Exercise 2.2

Find the odd man out:

1. 3, 5, 7, 12, 13, 17, 19 Answer: 12 Explanation: All but 12 are odd numbers

2. 2, 5, 10, 17, 26, 37, 50, 64 Answer: 64 Explanation:  $2 + 3 = 5; 5 + 5 = 10; 10 + 7 = 17; 17 + 9 = 26; 26 + 11 = 37; 37 + 13 = 50; 50 + 15 = 65$

3. 105, 85, 60, 30, 0, 45, 90

Answer: 0

Explanation:  $105 - 20 = 85; 85 - 25 = 60; 60 - 30 = 30; 30 - 35 = -5; 5 - 40 = -45; 45 - 45 = -90$ .