**Studytonight – Profit, Loss and Discount- test 2 – Aditya Jain**

**Directions: In the following questions the mathematical numbers follow according to a pattern. Discover that pattern and select the choice which gives the missing number:**

1. **45 15 18 6 9 ?**
   1. **3**
   2. 5
   3. 7
   4. 9
2. **1 2 4 7 11 16 ?**
   1. 21
   2. **22**
   3. 20
   4. 23
3. **64 32 16 8 4 ?**
   1. **2**
   2. 4
   3. 6
   4. 8
4. **12 21 23 32 34 ?**
   1. 40
   2. **43**
   3. 47
   4. 45
5. **15 51 105 ?**
   1. **501**
   2. 505
   3. 15
   4. 51
6. **22 33 44 55 ?**
   1. 11
   2. 55
   3. **66**
   4. 77
7. **18 10 6 4 ?**
   1. **3**
   2. 5
   3. 7
   4. 9
8. **6 11 ? 27**
   1. 16
   2. 17
   3. **18**
   4. 19
9. **6 10 18 34 ?**
   1. 62
   2. **66**
   3. 64
   4. 65
10. **2 8 5 6 8 ? 11**
    1. 2
    2. **4**
    3. 6
    4. 8
11. **5 6 ? 87 412 2185**
    1. 18
    2. 13
    3. **20**
    4. 14
12. **0 ? 8 27 64 125**
    1. **1**
    2. 2
    3. 3
    4. 4
13. **0 7 26 63 ?**
    1. 125
    2. **124**
    3. 126
    4. 127
14. **1 2 6 ? 31 56**
    1. 18
    2. 19
    3. 17
    4. **15**
15. **6 ? 12 8 18 11**
    1. 4
    2. 3
    3. 2
    4. **None of the above**