**Studytonight – Profit, Loss and Discount- test 4 – 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. **17 33 8**

**5 29 12**

**13 ? 10**

* 1. **33**
  2. 30
  3. 35
  4. 37

1. **4 8 20**

**9 3 15**

**6 6 ?**

* 1. 20
  2. **24**
  3. 22
  4. 34

1. **8 6 4**

**4 1 9**

**6 4 ?**

* 1. 3
  2. 5
  3. **4**
  4. 9

1. **2 10 4**

**3 17 5**

**3 ? 4**

* 1. 9
  2. 6
  3. 12
  4. **14**

1. **5 8 13**

**6 9 15**

**7 10 ?**

* 1. 6
  2. 11
  3. 14
  4. **17**

1. **3 4 ?**

**7 6 22**

**13 9 13**

* 1. 10
  2. 12
  3. **28**
  4. 32

1. **1 27 8**

**125 216 64**

**343 ? 512**

* 1. 9
  2. 36
  3. 316
  4. **729**

1. **2 3 5**

**13 11 7**

**? 19 23**

* 1. 2
  2. 6
  3. 16
  4. **17**

1. **17 62 44**

**35 ? 71**

**26 53 80**

* 1. 16
  2. 29
  3. 31
  4. **71**

1. **4 6 9 13**

**7 10 15 ?**

* 1. 20
  2. **22**
  3. 24
  4. 26

1. **81 192 375 ? 1029** 
   1. 684
   2. 486
   3. **648**
   4. 468
2. **2+2 6+3 12+4 20+5 30+6 ?**
   1. 40+7
   2. 40+8
   3. **42+7**
   4. 45+7
3. **36 28 24 22 ?**
   1. 20
   2. 22
   3. **21**
   4. 23
4. **64 32 16 8 4 ?**
   1. **2**
   2. 4
   3. 6
   4. 8
5. **18 10 6 4 ?**
   1. **3**
   2. 5
   3. 7
   4. 9