**Studytonight – Profit, Loss and Discount- test 3 – 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. **7 9 5 11**

**4 15 12 7**

**13 8 11 ?**

* 1. 5
  2. **10**
  3. 15
  4. 20

1. **7 16 9**

**5 21 16**

**4 ? 4**

* 1. **13**
  2. 15
  3. 17
  4. 19

1. **8 17 5**

**12 ? 16**

**10 11 9**

* 1. 1
  2. **2**
  3. 3
  4. 4

1. **9 4 20**

**8 5 12**

**7 6 ?**

* 1. **4**
  2. 6
  3. 8
  4. 10

1. **4 12 10 6**

**10 3 6 7**

**6 8 ? 5**

* 1. 4
  2. **9**
  3. 11
  4. 1

1. **4 6 3 8**

**2 8 4 4**

**6 5 ? 10**

* 1. 7
  2. 5
  3. 1
  4. **3**

1. **6 8 7**

**36 64 49**

**24 48 ?**

* 1. **35**
  2. 3
  3. 45
  4. 40

1. **6 10 14**

**12 ? 22**

**19 25 31**

* 1. 9
  2. **17**
  3. 11
  4. 13

1. **8 3 21**

**6 5 25**

**12 2 ?**

* 1. 24
  2. 19
  3. **22**
  4. 20

1. **6 4 5**

**3 2 1**

**8 5 ?**

* 1. 11
  2. 9
  3. 7
  4. **5**

1. **783 159 376 852 617 ?**
   1. 783
   2. 159
   3. **376**
   4. 852
2. **3 9 21 ? 93 189**
   1. 56
   2. 51
   3. 47
   4. **45**
3. **5 12 17 15 8 18 10 ? 21**
   1. 14
   2. 26
   3. 24
   4. **21**
4. **9 18 10 217 11 ? 12**
   1. 434
   2. **2605**
   3. 435
   4. 356
5. **2 6 12 20 ?**
   1. **30**
   2. 32
   3. 38
   4. 40