Number Series

- 1) 1,5,13, 25,41,? 0751 57, c761 d763
- a) 6, 13, 28, 59, ?

 a) 111 b) 113 c) 114 d) 122
- 3) 3, 15, ?, 63, 99, 143
- 4) 5760, 960, ?, 48, 16, 8

 6) 100 6) 160 c) 192 d) 240 26 00 (
- \$ 1, 1, 2, 6, 24, ?, 720 an 100 bn 104 cn 108 dn 120
- 6) 12, 15, 19, 24, ?
- 7) 72, 63, 54, 45, ? op 2 de core de c
- 8) 20,24, 33, 49, 74, 110,? an 132 bil47 co 159 do 162
- a) -1,0,?,8,15,24 a) 4 b) 3 c) 2 c) 1
- 19 0,7,26,63,? an 125 by 126 ch 217 do 124

Service respectively.

1)
$$Cc961$$
 $1+4=5$, $5+8=13$, $13+12=25$,
 $25+36=41$, $41+20=61$

2) (d)
$$122$$

$$6 \times 2 + 1 = 13$$

$$13 \times 2 + 2 = 28$$

$$28 \times 2 + 3 = 59$$

$$? = 122$$

3)
$$cp_{32}$$

$$8_{5}-1 = 64-1 = 63$$

$$5 = 32$$

$$6_{5}-1 = 36-1 = 32$$

$$8_{5}-1 = 10-1 = 12$$

$$18_{5}-1 = 100-1 = 34$$

$$10_{5}-1 = 100-1 = 34$$

4)
$$Cc) 192$$
 $5760 \div 6 = 960$
 $960 \div 5 = 192$
 $192 \div 4 = 48$
 $48 \div 3 = 16$
 $?=192$
 $16 \div 2 = 8$

5) (d) 120
1
$$6 \times 4 = 34$$

 $1 \times 1 = 1$ $3 \times 5 = 120$
 $1 \times 2 = 2$ $120 \times 6 = 720$
 $2 \times 3 = 6$ $2 = 120$.

7)
$$(9)36$$
 $72-9=63$
 $45-9=36$
 $63-9=54$
 $2=36$
 $54-9=45$

8) (C) 159

$$20+2^2=20+4=24$$

 $24+3^2=24+9=33$
 $33+4^2=33+16=49$
 $49+5^2=49+25=74$
 $74+6^2=74+36=110$
 $110+7^2=110+49=159$

PIERTHI

24+3- 24+9233

38 (44) (1

16)
$$(3) 124$$

$$1^{3}-1=1-1=0$$

$$3^{3}-1=8-1=7$$

$$3^{3}-1=87-1=86$$

$$4^{3}-1=64-1=63$$

$$5^{3}-1=125-1=124.$$