

# General Science and ability

Find the missing number to complete each sum

(a)  $9 + 8 - 5 = 2 \times (6)$

b  $3 \times 9 - 14 = 24 - (11)$

explain the logic behind these answers in the form of statements.

(c)  $15 \div 3 \times 12 = 41 + (19)$

(d)  $24 \div 4 + 5 = 66 \div (6)$

(e)  $8 \times 6 - 13 + 3 = 7 \times 6 - (4)$

Question #02

Missing Number

(a) 1, 8, 27, 64, 125, 216

(b) 4, 18, —, 100, 180, 294

(c) 132, 156, 182, 210, 240

(d) 8, 24, 12, 36, 18, 54, 26

(e) 15, 31, 63, 127, 255

### Question #03

Find the missing terms

- (a) 121, 11, 81, 9, 49, 7  
(b) 100, 50, 25, 12.5, 6.25  
(c) 4, 9, 64, 125, 1296, 2401  
(d) 2, 5, 12, 24, 48, 96  
(e) 44, 22, 66, 33, 132, 88

### Question #04

- (1) BCB, DED, FGF, HIH, JKJ  
(2) QPO, NML, KJI, HGF, EDC  
(3) SCD, TEF, UGH, VIJ  
(4) QAR, RAS, SAT, TAU, UAV  
(5) JAK, KBL, LCM, MDN, NEO  
(6) ELFA, GLHA, ILTA, KLLA, MLNA

### Q#05

- A) (1) 2, 3, 6, 4, 5, 20, 6, 3, 18  
(2) 1, 3, 9, 15, 25, 35, 49  
(3) 2, 7, 10, 22, 18, 37, 26, 52  
(4) 34, 7, 37, 14, 10, 28, 43, 56  
(5) 5, 7, 11, 13, 17, 19

alaxy (A51)



## Question #06

- (I) 2, 4, 12, 48 240
- (II) 5, 10, 13, 26, 29, 58, 61 122
- (III) 15, 19, ~~28~~, 44, 69, 105
- (IV) B, E, K, W U
- (V)  $\frac{1}{2}(476 + 424)^2 - 4 \times 476 \times 424 = 2704$

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