

Recognizing alphabet pattern:

Types of Letter Series:

- 1 Alphabet Series: letters of alphabets are arranged in a particular pattern like reverse order of letters, skipping letters, position of letter in alphabetical order.

eg: a, b, c, d, - - - -

eg: a, c, e, g, - - -

eg. 1, 5, 10, ?
a e j o

- 2 Continuous Pattern Series: Series of small & capital letters that follow a pattern

eg: a, b, c, D, e, F, _____

- 3 Mixed Series: Comb. of both letters & nos.

eg: Find next two terms in series.

Z, S, W, O, T, K, Q, G, ^N?, ^C?
3 4

eg: ABP, CDQ, EFR, ^{GHS}?

eg: C-3, E-5, G-7, I-9, ^{K-11}?, ^{M-13}?

eg: P3C, R5F, T8I, V12L, ?
^{X17O}

Number Patterns:

1. Repeating 1, 2, 3, 9, 8, 7, 1, 2, 3, 9, 8, 7, —, —, —
2. Growing eg: 34, 40, 46, 52, —
3. Shrinking eg: 42, 40, 38, 36, —

Rule for pattern: eg: 1, 4, 9, 16, 25, ?
³⁶

eg: 85, 79, 73, 67, 61, 55, 49, 43, ³⁷P, 31, 25, ¹⁹Q.

eg: 15, 22, 29, 36, 43, ⁵⁰A, 57, 64, 71, 78, 85, ⁹²B.

eg: 120, 60, 30, 15, 7.5

Coding - Decoding Questions:

eg: If EAS4 = 5117
BEAM = ?
2514

Soln: E = 5
A = 1
S = 19 i.e. $1+9=10=1+0=1$
4 = 25 i.e. $2+5=7$

B = 2

E = 5

A = 1

M = 13 i.e. $1+3=4$

2514

eg: SPECIAL = 65

CONNECT = ? 74

Soln: SPECIAL = $19 + 16 + 5 + 3 + 9 + 1 + 12 = 65$
CONNECT = $3 + 15 + 14 + 14 + 5 + 3 + 20 = 74$

H/w:

1. ISSUE = 341145
DATES = ?

2. YEARLY = BVZIOB
ANNUAL = ?

3. Given:

'Royal Monarch Regal' = '@ # *'

'Regal Legacy Gold' = '* % ?'

'Hope Gold Life' = '% & \$'

'Regal Monarch Morals' = '# * &'

(a) Code for 'Regal' is ? (b) Code for 'Gold Legacy' is ?

(c) Which word is coded as '#' ?

_____ X _____