**EXERCISE 1**

# ALPHABETS AND SERIES

**1. In a certain code, TRIPPLE is written as SQHOOKD. How is DISPOSE written in that code?**

a) CPNCBX     b) CPNCBZ
c) CPOCBZ     d) None of these.

**Answer : d)**

**Explanation:** Each letter in TRIPPLE is moved one step backward to obtain the corresponding letter of the code.

| D | I | S | P | O | S | E |
|---|---|---|---|---|---|---|
| -1 | -1 | -1 | -1 | -1 | -1 | -1 |
| C | H | R | O | N | R | D |

Similarly moving each letter of DISPOSE one step backward, the coded word is CHRONRD, which is not among the options. Hence (d)

**2. If in a certain code, COULD is written as BNTKC and MARGIN is written as LZQFHM, how will MOULDING be written in that code?**

a) CHMFINTK     b) LNKTCHMF
c) LNTKCHMF     d) NITKHCMF

**Answer: c)**

| C | O | U | L | D |
|---|---|---|---|---|
| B | N | T | K | C |
| -1 | -1 | -1 | -1 | -1 |

| M | A | R | G | I | N |
|---|---|---|---|---|---|
| L | Z | Q | F | H | M |
| -1 | -1 | -1 | -1 | -1 | -1 |

Moving letters of MOULDING one step backward, we get LNTKCHMF. Hence (c)

**3. If in a certain code, BEAUTIFUL is coded as 573041208, BUTTER as 504479, how is FUTURE coded in that code?**

a) 201497     b) 204097
c) 704092     d) 204079

**Answer: b)**

**Explanation:** So in FUTURE, F is coded as 2, U as 0, T as 4, R as 9 and E as 7. Therefore, FUTURE is coded as 204097. Hence, the answer is (b).

As F = 2, (c) is eliminated. Again as the second digit of the other three choices is same, then check for

the third, fourth and fifth digit which gives (b) as the answer.

**4. In a certain code, 5 is coded as Z, 7 as E, 2 as S, 9 as T, and 4 as W. How is 977452 coded in that code**

a) SEEWZT     b) TEEWZS
c) ZEEWST     d) WEEZST.

**Answer: b)**

**Explanation:** 977452 is coded as TEEWZS. Hence, the answer is (b).

**5. In a certain language 'pre not bis' means 'smoking is harmful', 'vog dor not' means 'avoid harmful habit', and 'dor bis yel' means 'please avoid smoking', which of the following means 'habit' in that language?**

a) vog     b) not
c) do     d) bis.

**Answer: a)**

**Explanation:** Comparing the common words from each coding, it is clear that 'dor' stands for 'avoid', 'not' stands for 'harmful'. Hence, 'Vog' will stand for 'habit'.

6. **'baw haw daw kaw' means 'poachers killed some tigers', 'vaw gaw jaw haw' means 'tigers are brave creatures'. 'kaw taw maw vaw' means 'some watchmen were brave' and 'maw jaw naw baw' means 'watchmen are searching poachers'. Then what does 'kaw baw' mean?**

   a) some watchme          b) brave tigers
   c) brave creatures       d) some poachers.

**Answer: d)**

**Explanation:** In the first and third sentence, common word is 'kaw', and common code is 'some'. Therefore 'kaw' stands for 'some'. In the first and fourth sentence, common word is 'baw' and the common code is 'poachers'. Hence, 'kaw baw' means 'some poachers'.

**Directions: (Qs. 7-10) Find the missing number in the series.**

7. **3, 4, 12, 48, ........., 27648**

   a) 488          b) 576
   c) 492          d) 528

**Answer : b)**

**Explanation:** 3 x 4 = 12

4 x 12 = 48

Similary 12 x 48 = 576

Also 576 x 48 = 27648

8. **19, 2, 38, 3, 114, 4, ..........**

   a) 228          b) 256
   c) 352          d) 456

**Answer: d)**

**Explanation:** The sequence is a combination of two series:
I. 19, 38, 114, ..... and    II.      2, 3, 4
The pattern followed in I is × 2, × 3, ........
∴ The missing no. = 114 × 4 = 456

9. **BD, GI, LN, QS, ......**

   a) VX          b) UW
   c) WX          d) WY

**Answer: a)**

**Explanation:** Each term of the series consists of two alternate letters and there is a gap of two letters between the last letter of each term and the first letter of the next term.

10. **DEB, IJG, NOL, ......., XYV**

   a) RSP          b) STP
   c) RSQ          d) STQ

**Answer: d)**

**Explanation:** The letters in each term are moved five steps forward to obtain the corresponding letter of the next term.

📝 **Notes**