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Coding Decoding Questions for IBPS RRB SCLAE-I Pre Exams.

Coding Decoding Quiz 80

Directions: Study the following information and answer the given questions.

In an artificial language,

'hot dog in pot' is written as 'F5 A2 H9 C3'

'rot pot of hog' is written as 'H9 G2 C7 F9'

'dog in sot rot' is written as 'F5 D6 C3 G2'

'god of hot dot' is written as 'B3 J5 C7 A2'

1. Find the code for 'pot'.

- A. F5 B. A2 C. H9 D. C7 E. F9

2. Find the code for 'hog'.

- A. H9 B. G2 C. C7 D. F9 E. B3

3. Find the code for 'pot of hot rot'.

- A. C7 A2 H9 G2 B. C7 D6 H9 G2 C. C5 A2 H7 G2 D. C7 A3 H9 G2 E. C7 A2 H7 G4

4. Find the code for 'dot'.

- A. B3 B. C7 C. J5 D. A2 E. Either B3 or J5

5. If code for 'rot in' is 'C3 G2', then find code for 'hot dog'.

- A. C3 F5 B. A4 F5 C. A2 F5 D. A5 F2 E. Cannot be determined



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Correct Answers:

1	2	3	4	5
C	D	A	E	C

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Common Explanation (1-5):

We first write serial numbers for each coded sentence as follows.

(1) 'hot dog in pot' is written as 'F5 A2 H9 C3'

(2) 'rot pot of hog' is written as 'H9 G2 C7 F9'

(3) 'dog in sot rot' is written as 'F5 D6 C3 G2'

(4) 'god of hot dot' is written as 'B3 J5 C7 A2'

We rewrite (1) and (3) as follows:

(1) 'dog in hot pot' is written as 'F5 C3 A2 H9'

(3) 'dog in sot rot' is written as 'F5 C3 D6 G2'

It means, 'dog in' = 'F5 C3' -----(i)

and, thus 'hot pot' = 'A2 H9' -----(ii)

and, also 'sot rot' = 'D6 G2' -----(iii)

From (2) and (ii), we have

pot = H9

hot = A2

From (2) and (4) using codes we found, we have

(2) 'rot of hog' is written as 'G2 C7 F9'

(4) 'god of dot' is written as 'B3 J5 C7'

We have 'of' = 'C7'

We get

(2) 'rot hog' is written as 'G2 F9' -----(iv)

(4) 'god dot' is written as 'B3 J5' -----(v)

From (iii) and (iv), we get

'rot' = 'G2'

'hog' = 'F9'

'sot' = 'D6'

We cannot find more than these individual codes.

We finally have

pot = H9

hot = A2

of = C7

rot = G2

hog = F9

sot = D6

dog in = F5 C3

god dot = J5 B3



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Answers :

1. From common explanation we have 'pot' = H9.

Hence, option C is correct.

2. From common explanation we have 'hog' = F9.

Hence, option D is correct.

3. From common explanation, we have

pot of hot rot

H9 C7 A2 G2

Hence, option A is correct.

4. From common explanation we have

god dot = J5 B3

Thus, either B3 or J5

Hence, option E is correct.

5. We have

'rot in' = 'C3 G2'

Since 'rot' = G2, 'in' = C3

From common explanation, 'dog in' = F5 C3, therefore, 'dog' = F5.

Now, 'hot dog' = A2 F5

Hence, option C is correct.



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