Coding Decoding Based: Exercise 1

Study the following questions and answer them independently of each other :

Q1 : If ROCKET is coded as SQFOJZ in a particular language, how will SYSTEM be coded in the same language?

    a. TZTUFN   b. TATXJS   c. TAVXJS   d. TAVUJS

Q2 : If ADMIRE is coded as FSJNEB in a particular language, how will DESCENT be coded in the same language?

    a. UMFBTFE   b. UOFDTFE   c. UOFBTFE   d. UMFTBFE

Q3 : If ADMONISH is coded as DAOMINHS in a particular language, how will REPEATED be coded in the same language?

    a. EREPTADE   b. EDATEPRE   c. ERPETADE   d. REEPTADE

Q4 : If DECISION be coded as CFBJRJNO in a particular language, how will RETARDED be coded in the same language?

    a. QDSBQEDE   b. QFSBQEDE   c. QFBSEQDE   d. QFSBEQED

Q5 : IF MORAL is coded as LNNPQSZBKM in a particular language, how will CLEVER be coded in the same language?

    a. BDKLDFUWDFQS   b. BDLKFDUWDFQS   c.   BDKMDFUWDFQS
             d. None of These

Q6 : IF WINTER is coded as DRMGVI in a particular language, how will SPRING be coded in the same language?

    a. GKIRMT   b. HJIRMT   c. GJIRMT   d. HKIRMT

Q7 : If MOTHER is coded as 1315208518 in a particular language, how will NEPHEW be coded in the same language?

    a. 145168523   b. 141568523   c. 141586235   d. 145168235

Q8 : If 316219619 is the code for BOTHER in a certain language, then what will 41615461915 represent in the same language?

    a. AGREE   b. CONCERN   c. CAPTURE   d. CANNOT

Q9 : In a certain code NATIONALISM is written as OINTANMSAIL. How is DEPARTMENTS written in that code?

a. RADEPTSTMNE   b. RADPETSTMNE   c. RADPESTMTNE   d. RADPETSTNME

Q10 : If 'white' is called 'rain', 'rain' is called 'green', 'green' is called 'blue', 'blue' is called 'cloud', 'cloud' is called 'red', 'red' is called 'sky', 'sky' is called 'yellow' and 'yellow' is called 'black', what is the colour of blood?

a. Red   b. Blue   c. Cloud   d. Sky

Q11 : In a certain language, meaning of some words are as follows:

1. 'pit na sa' means 'you are welcome'.

2. 'na ho pa la' means 'they are very good'.

3. 'ka da la' means 'who is good'.

4. 'od ho pit la' means 'they welcome good people'.

Which of the following means 'people' in that language?

a. od   b. pit   c. la   d.   Cannot   be Determined.

Q12 : In a code language '1357' means 'we are very happy', '2639' means 'they are extremely lucky' and '794' means 'happy and lucky', which digit in that code language stands for 'and'?

a. 7   b. 9   c. 4   d. None of These

Directions for Qs 13 and 14 : A Museum issues entry passes to all it's visitors for security reasons. Visitors are allowed in batches after every one hour. In a day there are six batches. A code is printed on an entry pass which keeps on changing for every batch. Following is an example of the pass codes issued for each batch :

Batch 1 : clothes neat and clean liked are all by.

Batch 2 : by clothes neat all are and clean liked.

Batch 3 : liked by clothes clean and neat all are

And so on. The logic remains the same for generating a new batch code.

Q13 : If pass code for the 3rd Batch is 'night succeed day and hard work to for', what will be the pass code for the 6th Batch?

a. Work hard to for succeed night and day.

b. Hard work for and succeed night to day.

c. Work hard for to succeed night and day.

d. Hard work for to succeed night and day.

Q14 : If the code for the 2nd batch is 'visit in zoo should the we time day', what will be the code for the 1st batch?

a. 'day visit in zoo should the we time'

b. 'in zoo we time day the should visit'

c. 'in day zoo we time the should visit'

d. None of These

Directions for Questions 15 and 16 : In a certain code language, any letter which is immediately after or before a vowel in the English alphabet is replaced by that vowel and any vowel is replaced by the letter immediately following it. All the other alphabets are written as they are.

Q15 : How can the word FEVERISH be written in that code language?

   a. EDVDRJSI   b. EFUFRSHI   c. EFUFRJSI   d. EDUFRJSI

Q16 : How can the word CONFEDERATION be written in that code language?

a. CPOGFEDRBUTPO

b. CPOEFEFRBUJPO

c. CNOEFEFRBUHNO

d. CONFFDERATION

Q17 : If A =1, B=3, C=5 and so on how will the word DESK be written as ?

   a. 763721   b. 653721   c. 753721   d. 793721

Directions for Questions 18 and 19 : In a certain code, 'a friend of mine' is written as '4916', 'mine lots of metal' is written as '3109' and 'a piece of metal' is written as '7163'.

Q18 : What is the code for piece?

   a. 3   b. 6   c. 1   d. 7

Q19 : What does '9' stand for?

   a. of   b. mine   c. friend   d. lots

Q20 : If 'Soap' is called 'Blue', 'Blue' is called 'water', 'water' is called 'air', 'air' is called 'sky' and 'sky' is called 'trees', then what do we drink to quench our thirst?

a. Air   b. Water   c. Trees   d. Soap

Coding Decoding Based: Exercise 2

Q1 : If DECIDE is coded as EFDJEF, then how will NOTIFY be coded in the same language?

    a. OPSHEZ   b. OPUJGZ   c. OPUHEZ   d. OPSJGZ

Q2 : If ASPIRE is coded as ZBRTOQHJQSDF in a certain language, how will TARGET be coded in the same language?

    a. SUBCSRIHDFSU   b. SUBSCIRHDFSU c. SUZBQSFHDFSU d. None of These

Q3 : If MUSIC is coded as NDVJT in a certain language, how will OCTAVE be coded in the same language?

    a. PFDWUB   b. PDFWUB   c. WUBPDF   d. WDFPUB

Q4 : If DIVIDE is coded as EHXGGB in a certain language, how will MULTIPLY be coded in the same language?

    a. NPYLYIPT   b. NTNRLMPU   c. NTRNLPMU   d. NTRLMNPU

Q5 : If POLITICS is coded as ILOPSCIT in a certain language, how will MONOPOLY be coded in the same language?

    a. ONOMPOLY   b. POLYONOM   c. ONMOYLOP   d. ONOMYLOP

Q6 : If ADVICE is coded as ZBCEUWHJBDDF in a certain language, how will EXTRACT be coded in the same language?

    a. DFWYSUQSZBBDSU
    b. DFYWUSQSZBBDSU
    c. DFWYUSSQZBBDSU
    d. DFWYSUQSBZBDSU

Q7 : If Pen is called Pencil, Pencil is called Eraser, Eraser is called Paper and Paper is called Ink in a certain language, then what do we write on in this language?

    a. Paper   b. Pen   c. Pencil   d. Ink

Q8 : If Water means Air, Air means Food, Food means Rain and Rain means Sound in a certain language, then what do we breathe as per this language?

    a. Water   b. Air   c. Food   d. Rain

Q9 : If Good is called Bad, Bad is called Ugly, Ugly is called Beautiful and Beautiful is called Best in a certain language, then how will a good person be called in this language?

    a. Good   b. Ugly   c. Bad   d.   Cannot   be Determined

Q10 : If Red means Black, Black means Brown, Brown means Yellow, Yellow means Pink and Pink means Red, what will be the colour of our Blood in this language?

    a. Pink   b. Red   c. Black   d. Brown

Q11 : If INSPITE is coded as 91419169205 in a certain language, how will INSTEAD be coded in the same language?

    a. 91419205014   b. 91419025014   c. 9141920514   d. None of These

Q12 : If "Haq wari tum" means "we are nice" , "wari mein jaon" means "nice and beautiful" and "Jaon tum ke" means "you are beautiful", then which word in the language means "you"?

    a. Jaon   b. tum   c. ke   d.   Cannot   be Determined

Q13 : In the above question, which word would mean "we"?

    a. Haq   b. Wari   c. tum   d.   Cannot   be Determined

Q14 : If "5768" means "we won the match", "6591" means "the match was draw", "7813" means "was we won game", then which digit represents the word "draw"?

    a. 6   b. 5   c. 9   d. 1

Q15 : What is the word represented by the digit 7?

    a. We   b. won   c. draw   d.   Cannot   be Determined

Q16 : In a certain language the word "ALPINE" is coded as "VMRKOZ", then how will the word "DENOTE" be coded in the same language?

    a. WVMLSV   b. WVMLGV   c. VGLMVW   d. None of These

Directions for Questions 17 to 18 :

A certain Input-Output Machine when given the input rearranges it to produce a certain output as follows :

Input : 343 231 459 623 432 813   379

Step 1 : 379 343 231 459 623 432 813

Step 2 : 379 459 343 231 623 432 813

Step 3 : 379 459 813 343 231 623 432

Step 4 : 379 459 813 623 343 231 432

Step 5 : 379 459 813 623 343 432 231

Step 5 is the last step for the given Input and therefore also the output.

Q17 : What will be the 2nd step for the following Input?

341 , 222, 803 , 471 , 535 , 286

   a. 286 , 341 , 222 , 803 , 471 , 535
   b. 286 , 535 , 341 , 222 , 803 , 471
   c. 286 , 535 , 471, 341 , 222 , 803
   d. None of These

Q18 : What will be the output for the following Input?

711, 198 , 202 , 466 , 577 , 601 , 231 ?

   a. 711 , 198 , 577 , 466 , 601 , 231 , 202
   b. 231, 601 , 577 , 466, 202, 198, 711
   c. 577, 466, 198, 711, 231, 601, 202
   d. 577, 198, 466, 711, 601, 231, 202

Q19 : If Cycle is called Bus, Bus is called Train, Train is called Ship, Ship is called Plane and Plane is called Cycle in a certain language, then which of the following travels in water as per this language?

   a. Ship   b. Bus   c. Train   d. Plane

Q20 : If Study means Play, Play means watch TV, Watch TV means Go cycling and Go Cycling means Study, what as per this language does one do to score well in exams?

   a. Study   b. Play   c. Go Cycling   d. Watch TV

Series Completion and Direction Sense Based: Exercise 1

Directions for Questions 1 to 10 :

Complete the given series in each of the cases :

Q1 : 2,4,7,12,19,?

    a. 29   b. 25   c. 30   d. 31

Q2 : 3, 9, 18, 30 , ?

    a. 33   b. 45   c. 36   d. 39

Q3 : 8, 27, 50, 89, 164 , ?

    a. 212   b. 310   c. 126   d. 303

Q4 : 24, 48, 72, 96, 120, ?

    a. 165   b. 145   c. 140   d. 144

Q5 : 2, 6, 30, 230, ?

    a. 410   b. 500   c. 3130   d. 3140

Q6 : 4.5, 5, 10.5, 32, 128.5, ?

    a. 482.5   b. 643   c. 632.5   d. 642.5

Q7 : O16A, Q21D, S26G, U31J, ?

    a. W36M   b. X36L   c. W35M   d. X37L

Q8 : DLZP, AMGI, FNYR, DPJL, HPXT, ?

    a. GSMN   b. LSWV   c. GSMO   d. LSVV

Q9 : aab_c_dda_bbccddaabbc_dd

    a. bdbc   b. bcac   c. bcbd   d. bdac

Q10 : ab_bb_cca_bbbccaa_bbc

    a. bdbc   b. bcac   c. bcaa   d. bdac

Directions for Questions 11 and 12 :

(P1?101R4*1%1@11VB1)

Q11 : In the given sequence, how many digits are immediately followed by a symbol? (Bracket is also a symbol)

   a. 4   b. 3   c. 5   d. 6

Q12 : How many alphabets are immediately preceeded by a symbol and immediately followed by a digit?

   a. 1   b. 0   c. 2   d. 3

Directions for questions 13 to 15 :

234589467142352198627898641352 56

Q13 : Considering all digits as single, how many prime numbers are immediately followed by a Composite number?

   a. 3   b. 4   c. 5   d. 6

Q14 : How many even digits are immediately preceded by a multiple of 3?

   a. 5   b. 7   c. 6   d. 8

Q15 : How many numbers have one odd number and another even number on either side of it?

   a. 13   b. 14   c. 15   d. 16

Q16 : If East is called North-East, North-East is called North and so on ie each direction gets rotated by 45deg. anticlockwise, which direction will be called as South-East?

   a. North   b. South   c. South-East   d. Cannot be Determined

Q17 : P and Q are standing 10 m apart, facing the East direction with P being to the right of Q. They walk for 5 m straight. Then P takes a left turn walks for 6 m and stops. Q takes a right turn walks for 6 m takes another right walks for 2 m and stops.

In which direction is Q with reference to the starting point of P ?

   a. South   b. South-East   c. East   d. North-East

Q18 : What is the distance between P and Q?

   a. 4 m   b. 5 m   c. 3 m   d. 2√2 m

Q19 : A man is standing facing South. He takes 25 turns each of 180 degrees in the anti-clockwise direction and then 25 turns each of 90 degrees in the clockwise direction. Which direction is he facing now?

   a. East   b. West   c. North   d. South

Q20 : A person is standing with his back to the North direction. He walks straight for 10 m, takes a right turn to walk 5 m, turns left and walks 2 m and again turns left walks for 3 m and stops. How far is he from the starting point?

   a. 13 m   b. 15 m   c. $4\sqrt{37}$ m   d. $\sqrt{165}$ m