Directions (1-5): Read the following information carefully and answer the questions given below. All the codes given below are only in two letters format.

“Banks are digital today” is written as “Zi Li Ki Ti”,
“Money transfer through banks” is written as “Di Ki Si Fi”,
“Digital money easy today” is written as “Si Zi Ti Bi” and
“Today we have leave” is written as “Gi Xi Vi Zi”.

1) What is the possible code for “Easy for transfer”?  
a) Fi Bi Zi  
b) Di Ji Bi  
c) Bi Ti Ui  
d) Fi Li Xi  
e) None of these

2) If “Banks have money” is coded as “Gi Si Ki”, then what will be the code for “Leave”?  
a) Di  
b) Li  
c) Zi  
d) Vi  
e) Cannot be determined

3) What is the code for “Transfer”?  
a) Di  
b) Ti  
c) Fi  
d) Cannot be determined  
e) Either Di or Fi

4) What is the word for the code “Si” in the given code language?  
a) Today  
b) Banks  
c) Money  
d) Digital  
e) Either a) or b)

5) If “Money market easy” is written as “Bi Si Ci”, then what will be the code for “Market”?  
a) Bi  
b) Si  
c) Ci  
d) Either Si or Ci  
e) Cannot be determined

Directions (6-10): Read the following information carefully and answer the questions given below. All the codes given below are only in two letters format.

“Challenging world economy now” is written as “Sk Rk Tk Nk”,
“Economy bad current issue” is written as “Pk Gk Sk Fk”,
“Current world looking good” is written as “Nk Mk Pk Vk”,
“Looking good challenging with” is written as “Vk Mk Rk Dk”.

6) What will be the code for “Looking”?
   a) Rk
   b) Mk
   c) Tk
   d) Vk
   e) Either Mk or Vk

7) If “The issues are worried” written as “Ik Jk Gk Yk”, then what will be the code for “Bad”?
   a) Pk
   b) Fk
   c) Gk
   d) Sk
   e) Cannot be determined

8) The codes “Rk Mk Nk” may represent which of the following?
   a) Challenging good bad
   b) World economy bad
   c) World looking challenge
   d) Good with now
   e) None of these

9) What does the code “Fk” represents?
   a) World
   b) Looking
   c) Issues
   d) Bad
   e) Either Issues or Bad

10) What is the possible code for “Good World”?
    a) Nk Vk
    b) Mk Tk
    c) Fk Dk
    d) Pk Mk
    e) None of these

Direction (11-15): Study the following arrangement carefully and answer the given question below.
S D 9 5 E # K 6 T I 8 P 1 % A 2 C λ L M U3 W @ N 4 © J S 7 F B

11). How Many such vowels are there in the above arrangement each of which is immediately followed by a numeral and immediately preceded by a consonant?
    a) None
    b) One
12). In the given series, 1st, 2nd, 3rd element and so on are interchanged with 20th, 19th, 18th element and so on respectively, then which element will be 8th to the left of 20th element from left end?
   a) P
   b) I
   c) 8
   d) T
   e) None of these

13). Four of the following five are alike in a certain way based on their positions in the above arrangement and so form a group. Which is the one that does not belong to that group?
   a) EKI
   b) P%C
   c) LUW
   d) 3@©
   e) N©7

14). If all the symbols are dropped from the above arrangement, which of the following will be the 5th to the left of 12th element from right end?
   a) 8
   b) S
   c) T
   d) W
   e) None of these

15). What should come in place of the question mark (?) in the following series based on the above arrangement? #K5 P1I CλA ?
   a) 2C%
   b) U3L
   c) λL2
   d) W@M
   e) None of these

Direction (Q.16-20): following is given a set of letters/digits and the corresponding letter code of each digit followed by certain conditions for coding.

<table>
<thead>
<tr>
<th>Letter/digits</th>
<th>M</th>
<th>4</th>
<th>C</th>
<th>Q</th>
<th>5</th>
<th>A</th>
<th>P</th>
<th>7</th>
<th>E</th>
<th>G</th>
<th>8</th>
<th>I</th>
<th>1</th>
<th>X</th>
<th>U</th>
</tr>
</thead>
<tbody>
<tr>
<td>Symbol</td>
<td>!</td>
<td>Ω</td>
<td>&amp;</td>
<td>µ</td>
<td>©</td>
<td>#</td>
<td>@</td>
<td>&lt;</td>
<td>%</td>
<td>$</td>
<td>*</td>
<td>&gt;</td>
<td>^</td>
<td>@</td>
<td>Ū</td>
</tr>
</tbody>
</table>

In each question below are given a group of letters/digits followed by four combinations of digits/symbols numbered a), b), c) and d). You have to find out which of the combinations correctly represents the group of letters.
based on the following coding system and the conditions that follow and mark the number of that combination as your answer. If none of the combinations correctly represents the group of letters, mark e) i.e. ‘None of these’, as your answer.

- If the first letter is consonant and the fourth digit is odd, both are to be coded as the code for that consonant.
- If the last letter is vowel and the second digit is divisible by 2, both are to be coded as the code for first digit.
- If the first digit is even and the last letter is consonant, their codes are to be interchanged.

### 16) M8XPCI

<table>
<thead>
<tr>
<th>Option</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>a)</td>
<td>![ logo ] @ @ &amp; !</td>
</tr>
<tr>
<td>b)</td>
<td>![ logo ] @ @ &amp; !</td>
</tr>
<tr>
<td>c)</td>
<td>![ logo ] @ &amp; &amp; *</td>
</tr>
<tr>
<td>d)</td>
<td>![ logo ] @ &amp; @ !</td>
</tr>
<tr>
<td>e)</td>
<td>None of these</td>
</tr>
</tbody>
</table>

### 17) Q4E75C

<table>
<thead>
<tr>
<th>Option</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>a)</td>
<td>µ Ω % &lt; © &amp;</td>
</tr>
<tr>
<td>b)</td>
<td>&lt; Ω % &lt; © &amp;</td>
</tr>
<tr>
<td>c)</td>
<td>µ Ω % &lt; © µ</td>
</tr>
<tr>
<td>d)</td>
<td>µ Ω % µ © &amp;</td>
</tr>
<tr>
<td>e)</td>
<td>None of these</td>
</tr>
</tbody>
</table>

### 18) 8MP1XU

<table>
<thead>
<tr>
<th>Option</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>a)</td>
<td>* @ ^ ® U</td>
</tr>
<tr>
<td>b)</td>
<td>U ! @ ^ ® *</td>
</tr>
<tr>
<td>c)</td>
<td>* @ © ^ ® U</td>
</tr>
<tr>
<td>d)</td>
<td>U @ ! ^ ® *</td>
</tr>
<tr>
<td>e)</td>
<td>None of these</td>
</tr>
</tbody>
</table>

### 19) G1E8PA

<table>
<thead>
<tr>
<th>Option</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>a)</td>
<td># % * @ $</td>
</tr>
<tr>
<td>b)</td>
<td>$ % $ @ #</td>
</tr>
<tr>
<td>c)</td>
<td># % * @ #</td>
</tr>
<tr>
<td>d)</td>
<td>$ % * @ #</td>
</tr>
<tr>
<td>e)</td>
<td>None of these</td>
</tr>
</tbody>
</table>

### 20) 45QAEG

<table>
<thead>
<tr>
<th>Option</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>a)</td>
<td>$ © µ # % $</td>
</tr>
<tr>
<td>b)</td>
<td>$ © µ # % $</td>
</tr>
<tr>
<td>c)</td>
<td>$ © µ # % $</td>
</tr>
<tr>
<td>d)</td>
<td>$ © # µ % $</td>
</tr>
<tr>
<td>e)</td>
<td>None of these</td>
</tr>
</tbody>
</table>

Directions (Q. 21-25) Study the following information to answer the given questions:
In a certain code ‘before West to mailing’ is written as ‘ad mi ja no’, ‘ the West to himalaya’ is written as ‘ku ja ig ad’. ‘mailing of the layout’ is written as ‘be ku zo mi’ and ‘to should of changes’ is written as ‘be li ya ja’.

21) What is the code for ‘should’?
   a) be
   b) li
   c) ya
   d) ja
   e) Cannot be determined

22) Which of the following may represent ‘himalaya is West’?
   a) ig ad no
   b) ig py ya
   c) re ad be
   d) ig li re
   e) ad re ig

23) ‘mi’ is the code for
   a) to
   b) mailing
   c) West
   d) of
   e) Cannot be determined

24) What is the code for ‘before’?
   a) ad
   b) mi
   c) no
   d) ja
   e) Cannot be determined

25) Which of the following represents ‘of the West’?
   a) ku be ad
   b) mi be no
   c) ku be ya
   d) mi ku be
   e) be mi ad

Direction (Q. 26-30): In each questions below is given a group of letters followed by four combinations of digits/symbols numbers. You have to find out which of the combinations correctly represents the code based on the given coding system.

<table>
<thead>
<tr>
<th>Letter</th>
<th>P</th>
<th>M</th>
<th>A</th>
<th>E</th>
<th>J</th>
<th>K</th>
<th>D</th>
<th>R</th>
<th>W</th>
<th>H</th>
<th>I</th>
<th>U</th>
<th>T</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coding</td>
<td>4</td>
<td>β</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>£</td>
<td>5</td>
<td>¥</td>
<td>6</td>
<td>⭐</td>
<td>&amp;</td>
<td>7</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>
i) If the first letter is a consonant and the last letter is a vowel, the codes of both these are to be interchanged
ii) If both the first and the last letters are consonants both these are to be coded as per the code of the last letter
iii) If the first letter is vowel and the last letter is a consonant both these are to be coded as *

26) EAKRF
   a) 21£¥0
   b) *1£¥*
   c) 01£¥2
   d) *£10¥
   e) None of these

27) JDHIU
   a) 35★&7
   b) 7★5£7
   c) 75★&3
   d) *5★&*
   e) None of these

28) RJKTP
   a) ¥3£!4
   b) ¥3£!¥
   c) £3¥!3
   d) 43£!4
   e) None of these

29) WDJPMI
   a) &534β6
   b) 6534&6
   c) *534&*
   d) &534β&
   e) None of these

30) URAPHI
   a) &¥14★&
   b) *¥14★*
   c) &¥14★β
   d) 7¥14★&
   e) None of these
Directions (Q. 31–32): Study the following information to answer the given questions

In a certain code language ‘they have grown up’ is written as ‘sit pit dip ra’, ‘grown up people’ is written as ‘pit ra tik’, ‘they are up again’ is written as ‘pt sit ja ka’.

31). How is ‘people’ written in that code language?
   a) ra
   b) tik
   c) pit
   d) Can’t be determined
   e) None of these

32). How is ‘have gone’ written in that code language?
   a) Sit ja
   b) pit tik
   c) ra dip
   d) dip ma
   e) Can’t be determined

Directions (Q. 33–37): These questions are based on the following information

In a certain code, ‘Delhi is capital’ is coded as ‘7 5 9’, ‘capital are beautiful’ is coded as ‘3 6 9’, ‘Delhi is beautiful’ is coded as ‘6 7 5’, ‘Patna also capital’ is coded as ‘9 2 4’.

33). What is code for ‘beautiful’?
   a) 2
   b) 4
   c) 5
   d) 6
   e) 7

34). Which of the following can represent ‘capital is beautiful’?
   a) 7 9 5
   b) 5 9 3
   c) 6 9 7
   d) 5 9 6
   e) None of these

35). What is the code for ‘are’?
   a) 9
   b) 7
   c) 5
   d) 6
   e) 3

36). Which of the following can represent ‘Delhi is beautiful city’?
   a) 6 9 5 3
37). What does ‘5’ represents in this code?
   a) Delhi
   b) beautiful
   c) capital
   d) Patna
   e) Can’t be determined

Directions (Q. 38–40): Study the following information and answer the questions given
In a certain code language ‘we try to make’ is written as ’76 62 56 27’, ‘make it for good’ is written as ’52 75 62 26’, ‘we are good boys’ is written as ’52 65 67 27’ and ‘boys try it for’ is written as ’75 56 26 67’.

38). In the same code language how ‘to try’ can be written?
   a) 76, 26
   b) 56, 76
   c) 26, 56
   d) 75, 76
   e) 62, 56

39). How ‘for’ may be written in the above code language?
   a) 52
   b) 62
   c) 75
   d) 67
   e) 56

40). How ‘boys make’ can be written in the same code language?
   a) 62, 65
   b) 75, 65
   c) 26, 67
   d) 62, 75
   e) 62, 67

Directions (Q.41-45): Study the information and answer the following questions.
In certain code language ‘economics is not money’ is written as ‘ka la ho ga’, ‘demand and supply economics’ is written as ‘mo ta pa ka’, ‘money makes only part’ is written as ‘zi la ne ki’ and ‘demand makes supply economics’ is written as ‘zi mo ka ta’.

41). What is the code for ‘money’ in the given code language?
   a) ta
   b) pa
   c) mo
   d) ga
   e) la

b) 3 5 6 7
   c) 5 7 6 4
   d) 6 7 4 9
   e) 1 7 5 6
42). What is the code for ‘supply’ in the given code language?
   a) Only pa
   b) Either pa or mo
   c) Only mo
   d) Only ta
   e) Either mo or ta

43). What may be the possible code for ‘demand only more’ in the given code language?
   a) Xi ne mo
   b) Xi ka ta
   c) Mo zi ki
   d) Ki ne mo
   e) Mo zi ne

44). What may be the possible code for ‘work and money’ in the given code language?
   a) Mo la pa
   b) Pa la tu
   c) Pa ga la
   d) Pa la ne
   e) Tu la ga

45). What is the code for ‘makes’ in the given code language?
   a) ho
   b) ne
   c) pa
   d) zi
   e) mo

Directions (Q.46-50): Study the following information and answer the questions that follow:
In a certain code language, ‘hope to see you’ is coded as ‘re so na di’, ‘please come to see the party’ is coded as ‘fi ge na di ke zo’, ‘hope to come’ is coded as ‘di so ge’ and ‘see you the party’ is coded as ‘re fi zo na’.

46). How is ‘please’ coded in the given code language?
   a) fi
   b) ke
   c) di
   d) na
   e) None of these

47). What does the code ‘so’ stand for in the given code language?
   a) hope
   b) come
   c) to
d) see  
e) None of these

48). How is ‘party’ coded in the given code language?  
a) Either ‘ke’ or ‘fi’  
b) Either ‘zo’ or ‘ge’  
c) Either ‘zo’ of ‘fi’  
d) Either ‘zo’ or ‘na’  
e) Either ‘re’ or ‘fi’

49). How will ‘please see you’ be coded in the given code language?  
a) re na ke  
b) ke re ge  
c) na di ke  
d) zo re na  
e) so re na

50). Which of the following will be coded as ‘so di re’ in the given code language?  
a) the hope to  
b) hope you come  
c) hope you please  
d) you see hope  
e) you hope to

Answer Key:

Direction (1-5)

<table>
<thead>
<tr>
<th>Words</th>
<th>Codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Banks</td>
<td>Ki</td>
</tr>
<tr>
<td>Money</td>
<td>Si</td>
</tr>
<tr>
<td>Today</td>
<td>Zi</td>
</tr>
<tr>
<td>Digital</td>
<td>Ti</td>
</tr>
<tr>
<td>Easy</td>
<td>Bi</td>
</tr>
<tr>
<td>Are</td>
<td>Li</td>
</tr>
<tr>
<td>Transfer/Through</td>
<td>Di/Fi</td>
</tr>
<tr>
<td>We/Have/Leave</td>
<td>Xi/Vi/Gi</td>
</tr>
</tbody>
</table>

1). Answer: b  
2). Answer: e  
3). Answer: e  
4). Answer: c
5). Answer: c

Direction (6-10)

<table>
<thead>
<tr>
<th>Words</th>
<th>Codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>World</td>
<td>Nk</td>
</tr>
<tr>
<td>Economy</td>
<td>Sk</td>
</tr>
<tr>
<td>Current</td>
<td>Pk</td>
</tr>
<tr>
<td>Challenging</td>
<td>Rk</td>
</tr>
<tr>
<td>Now</td>
<td>Tk</td>
</tr>
<tr>
<td>With</td>
<td>Dk</td>
</tr>
<tr>
<td>Looking/Good</td>
<td>Mk/Vk</td>
</tr>
<tr>
<td>Bad/Issues</td>
<td>Fk/Gk</td>
</tr>
</tbody>
</table>

6). Answer: e)
7). Answer: b)
8). Answer: c)
9). Answer: e)
10). Answer: a)
11). S D 9 5 E # K 6 T I 8 P 1 % A 2 C λ LM U 3 W @ N 4 © T $ 7 F B.
Answer: C
12). S D 9 5 E # K 6 T I 8 P 1 % A 2 C λ LM U 3 W @ N 4 © J $ 7 F B
Interchanged : M L λ C 2 A % 1 P 8 I T 6 K # E 5 9 D S U 3 W @ N 4 © J $ 7 F B
Hence, the 8th to the left of 20th element from left end is, T
Answer: D
13). E---(+2)---=K---(+3)---I
P---(+2)---=%---(+3)---C
L---(+2)---=U---(+2)---=W
3---(+2)---=@---(+3)---©
N---(+2)---=©---(+3)---7
Hence, LUW doesn’t belong to the group.
Answer: C
14). S D 9 5 E K 6 T I 8 P 1 A 2 C L M U 3 W N 4 J 7 F B
The 5th to the left of 12thelement from right end i.e. 17th element from the right end. Hence, the answer is ‘8’.
Answer: A
15). #K5 P1I CλA ?
K is immediate right of # and 5 is 2rd to the left of # and the gap between the series i.e # to P is five and P to C is four and so on.
Hence, required series #K5 P1I CλA U3L.
Answer: B
16). Answer: b)
The last letter is vowel and the second digit is divisible by 2. Hence, it follows condition ii). Therefore, both are to be coded as the code for first digit.
M8XPCI → !! ®@&!

17). **Answer: b)**
The last letter is vowel and the second digit is divisible by 2. Hence, it follows condition ii). Therefore, both are to be coded as the code for first digit.
M8XPCI → !! ®@&!

18). **Answer: a)**
It does not follow any condition. So, it is coded as corresponding code for each number and letter.
8MP1XU → *!@^® Ü

19). **Answer: d)**
It does not follow any condition. So, it is coded as corresponding code for each number and letter.
G1E8PA → $^%*@@

20). **Answer: c)**
The first digit is even and the last letter is consonant. Hence, it follows condition iii). Therefore, their codes are to be interchanged.
45QAEG → $© µ%Ω

**Directions (Q.21-25)**

<table>
<thead>
<tr>
<th>Word</th>
<th>before</th>
<th>west</th>
<th>to</th>
<th>mailing</th>
<th>the</th>
<th>himalaya</th>
<th>of</th>
<th>layout</th>
<th>should</th>
<th>changes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code</td>
<td>no</td>
<td>ad</td>
<td>ja</td>
<td>mi</td>
<td>ku</td>
<td>ig</td>
<td>be</td>
<td>zo</td>
<td>li/ya</td>
<td>li/ya</td>
</tr>
</tbody>
</table>

21) **Answer: e**  
22) **Answer: e**  
23) **Answer: b**  
24) **Answer: c**  
25) **Answer: a**

**Directions (Q. 26-30):**

26) **Answer: b**  
27) **Answer: c**  
28) **Answer: d**  
29) **Answer: a**  
30) **Answer: d**

**Answers:**

31). **Answer: b**  
32. **Answer: d**  
33. **Answer: d**  
34. **Answer: c**  
35. **Answer: e**  
36. **Answer: e**  
37. **Answer: e**  
38. **Answer: b**  
39. **Answer: c**  
40. **Answer: e**
Answers:
41). Answer: e)
42). Answer: e)
43). Answer: a)
44). Answer: b)
45). Answer: d)
46). Answer: b)
47). Answer: a)
48). Answer: c)
49). Answer: a)
50). Answer: e)