10 Years of Excellence

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Vedic Mathematics

Directions:

In each question below, is given a group of letters followed by four combinations of design/symbols numbered (a), (b), (c) and (d).

You have to find out which of the four 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.

Letter	Digit/Symbol code
R	7
E	#
A	$
U	6
M	%
D	8
F	5
P	*
Q	4
I	9
O	@
H	©
N	3
W	d
Z	1
B	2

➤ If the first letter is a consonant and the fourth letter is a vowel, both are to be coded as the codes for the vowel.

➤ If the first letter is a vowel and the fourth letter is a consonant, both are to be coded as the code for the vowel.

➤ If the second and the third letters are consonants, both are to be coded as the code for the third letter.

1) Decode this AEIMVH using the above-given language?
a) 48@#78   b) #2@47$
c) 42@#7$ d) 42@47$
e) None of these

2) Decode this WMELJU using the above-given language?
a) @#259© G4   b) 5#259©
c) 5#2@9©   d) @#2@9© E4+C8
e) None of the above

3) Decode this MBUVWE using the above-given language?
a) #*©#52   b) 7*©#52
c) #©*752   d) #©*7528
e) None of these

4) Decode this THAFIQ using the above-given language?
a) 1$48@3   b) 1$48@1
c) 3$48@1   d) 3$48@3
e) None of these

5) Decode this AJBMFU using the above-given language?
a) #9*#8©   b) ©9©#84
c) 49*48©   d) 49*#8©
e) None of these

6) Decode this EMIRDP using the above-given language?
a) #9%78*   b) 7%9#8*
c) #%978*   d) #%9#8*
e) None of these

7) Decode this POIMHZ using the above-given language?
a) *49%© %   b) #7#8© %
c) @78#©1   d) 949%©1
e) None of these

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8) Decode this FWZERA using the above-given language?
a) 5dd #7$ b) 511 #7$
c) 5d #7$ d) d17#$
e) None of these

9) Decode this NOBOQE using the above-given language?
a) 263@4#   b) 362@4#
c) 362$4#   d) 362@3#
e) None of these

10) Decode this HUBDIN using the above-given language?
a) ©62©9%   b) ©6289©
c) ©62893   d) ©2689%
e) None of these

Directions:
In each of the questions below, a group of numerals is given followed by four groups symbol/letter combinations labelled (a), (b), (c) and (d). Numerals are to be coded as per the codes and conditions given below.

You have to find out which of the combinations (a), (b), (c) and (d) is correct and indicate your answer accordingly. If none of the four combinations represents the correct code, mark (e) as your answer.

Numerals	3	5	7	4	2	6	8	1	0	9
Letter/symbol code	*	B	E	A	@	F	K	%	R	M

➤ If the first digit, as well as the last digit is odd, both are to be coded as 'X'.
➤ If the first digit as well as the last digit is even, both are to be coded as &.
➤ If the last digit is 0, it is to be coded as #.

11) Decode this 364819 using the above-given language?

a) XFAK@M   b) *FAK%X
c) *FAK%M   d) *EAK%X
e) None of these

12) Decode this 546839 using the above-given language?
a) XAFK*X   b) BAFK*X
c) BAFK*M   d) XAFK*M
e) None of these

13) Decode this 765082 using the above-given language?
a) XFBRK@   b) EFBR#K
c) EFBRK@   d) EFB#K@
e) None of these

14) Decode this 713540 using the above-given language?
a) X%*BAR   b) E%*BA#
c) E%*BAR   d) X%*BA#
e) None of these

15) Decode this 487692 using the above-given language?
a) &KEFM@   b) &KEFM&
c) AKEFM@   d) AKEFM&
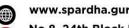e) None of these

Directions:
In each question below, is given a group of letters followed by four combinations of digits/symbols numbered (a), (b), (c) and (d).

You have to find out which of the four 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.

Letter	Digit/symbol code

B	6
A	$
D	7
E	8
F	#
H	1
J	2
K	*
M	%
I	3
U	©
O	4
W	9
F	@
P	5

➤ If the first letter is a vowel and the last letter is a consonant, their codes are to be interchanged.

➤ If both the first and the last letters are consonants, both are to be coded as 'δ'.

➤ If the first letter is a consonant and the last letter is a vowel, both are to be coded as the code for the vowel.

16) Decode this JMEIUD using the above-given language?
a) 7%83©7   b) 2%83©7
c) 2%83©2   d) δ%83©δ
e) None of these

17) Decode this DMEAKJ using the above-given language?
a) 2%8$*7   b) δ%8$*δ
c) 7%8$*7   d) 7%8$*7
e) None of these

18) Decode this IBHWPO using the above-given language?
a) 361953   b) 461954
c) 461953   d) 361954
e) None of these

19) Decode this EKFUDH using the above-given language?
a) δ*#©78   b) 1*#©71
c) 1*#©78   d) 8*#©78
e) None of these

20) Decode this UKPDMI using the above-given language?
a) ©5*7%3   b) δ*57%δ
c) 3*57%©   d) ©*5%73
e) None of these