1. Ans.(a)
This coding decoding question is based on the new pattern. In this, question the words are coded as per following rules.
(i) If the word is of two letter then it is omitted from the code.
(ii) If the word contains an alphabet with its reverse alphabet also in the same word (A-Z, B-Y, C-X, D-W….etc.). Then it is converted into a two/three letter word with first and second letter being placed from third, sixth and ninth letter of the input word and the total number of alphabets in that word is converted into months of the given year. For Example:

(iii) If the input word does not satisfy the case (ii) given above, then the alphabet with smallest ranking in the word is converted into days of the week. If the ranking of the smallest word is greater than seven, then the smallest alphabet is converted into its numerical value.
For example:
Cool- Wednesday (Ranking of C in the alphabetical series =3, and third day of the week is Wednesday)
Likes- 9 (Ranking of I = 9 and 9>7)

2. Ans. (a)
This coding decoding question is based on the new pattern. In this, question the words are coded as per following rules.
(i) If the word is of two letter then it is omitted from the code.
(ii) If the word contains an alphabet with its reverse alphabet also in the same word (A-Z, B-Y, C-X, D-W....etc.). Then it is converted into a two/three letter word with first and second letter being placed from third, sixth and ninth letter of the input word and the total number of alphabets in that word is converted into months of the given year.
For Example:

\[\text{GREATESTS} \rightarrow \text{EES} \rightarrow \text{Ninth letter of GREATESTS}\]
\[\Downarrow \text{Third letter of GREATEST} \rightarrow \text{-SEPTEMBER} \quad \text{(Total number of words= 9 and the ninth month of the year is September)}\]

(iii) If the input word does not satisfy the case (ii) given above, then the alphabet with smallest ranking in the word is converted into days of the week. If the ranking of the
smallest word is greater than seven, then the smallest alphabet is converted into its numerical value.
For example:
Cool- Wednesday (Ranking of C in the alphabetical series = 3, and third day of the week is Wednesday)
Liks- 9 (Ranking of I = 9 and 9>7)

3. Ans.(e)
This coding decoding question is based on the new pattern. In this, question the words are coded as per following rules.
(i) If the word is of two letter then it is omitted from the code.
(ii) If the word contains an alphabet with its reverse alphabet also in the same word (A-Z, B-Y, C-X, D-W....etc.). Then it is converted into a two/three letter word with first and second letter being placed from third, sixth and ninth letter of the input word and the total number of alphabets in that word is converted into months of the given year.
For Example:

![Diagram](https://example.com/diagram.png)

GREATEST - E E S → Ninth letter of GREATESTs

-SEPTEMBER (Total number of words = 9 and the ninth month of the year is September)
(iii) If the input word does not satisfy the case (ii) given above, then the alphabet with smallest ranking in the word is converted into days of the week. If the ranking of the smallest word is greater than seven, then the smallest alphabet is converted into its numerical value.

For example:
Cool- Wednesday (Ranking of C in the alphabetical series =3, and third day of the week is Wednesday)
Likes- 9 (Ranking of I = 9 and 9>7)

4. Ans.(c)
This coding decoding question is based on the new pattern. In this, question the words are coded as per following rules.
(i) If the word is of two letter then it is omitted from the code.
(ii) If the word contains an alphabet with its reverse alphabet also in the same word (A-Z, B-Y, C-X, D-W,...etc.). Then it is converted into a two/three letter word with first and second letter being placed from third, sixth and ninth letter of the input word and the total number of alphabets in that word is converted into months of the given year.
For Example:
(iii) If the input word does not satisfy the case (ii) given above, then the alphabet with smallest ranking in the word is converted into days of the week. If the ranking of the smallest word is greater than seven, then the smallest alphabet is converted into its numerical value.

For example:

Cool- Wednesday (Ranking of C in the alphabetical series =3, and third day of the week is Wednesday)

Likes- 9 (Ranking of I = 9 and 9>7)

5. Ans.(b)

This coding decoding question is based on the new pattern. In this, question the words are coded as per following rules.

(i) If the word is of two letter then it is omitted from the code.

(ii) If the word contains an alphabet with its reverse alphabet also in the same word (A-Z, B-Y, C-X, D-W....etc.). Then it is converted into a two/three letter word with first and second letter being placed from third, sixth and ninth
letter of the input word and the total number of alphabets in that word is converted into months of the given year. For Example:

(iii) If the input word does not satisfy the case (ii) given above, then the alphabet with smallest ranking in the word is converted into days of the week. If the ranking of the smallest word is greater than seven, then the smallest alphabet is converted into its numerical value.

For example:
Cool- Wednesday (Ranking of C in the alphabetical series =3, and third day of the week is Wednesday)
Liks- 9 (Ranking of I = 9 and 9>7)

6. Ans.(a)
This coding decoding question is based on the new pattern. In this, question the words are coded as per following rules.
(i) If the word contains an alphabet that is repeated more than once in that word, then it is converted into an alphabet
with rank (in the alphabetical series) equivalent to the number of times that alphabet is repeated in the input word. The second alphabet of the code is the highest ranked (in the alphabetical series) vowel in that particular word, whereas the third letter of the code is the highest ranked consonant. For example:

(ii) If the input word doesn’t satisfy condition (i) given above, then the first letter of code is the reverse of the greatest vowel in that word (A-Z, E-V, I-R…) and its next vowel in the alphabetical series becomes the second letter of the code. The last letter of the word becomes the last letter of the code. For example:

7. Ans. (a)
This coding decoding question is based on the new pattern. In this, question the words are coded as per following rules.

(i) If the word contains an alphabet that is repeated more than once in that word, then it is converted into an alphabet with rank (in the alphabetical series) equivalent to the number of times that alphabet is repeated in the input word. The second alphabet of the code is the highest ranked (in the alphabetical series) vowel in that particular word, whereas the third letter of the code is the highest ranked consonant.

For example:

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LOCOMOTION
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Most common alphabet = O, No. of O's = 4 = Rank of D

(ii) If the input word doesn’t satisfy condition (i) given above, then the first letter of code is the reverse of the greatest vowel in that word (A-Z, E-V, I-R...) and its next vowel in the alphabetical series becomes the second letter of the code. The last letter of the word becomes the last letter of the code.

For example:

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``
8. Ans.(a)
This coding decoding question is based on the new pattern. In this, question the words are coded as per following rules.
(i) If the word contains an alphabet that is repeated more than once in that word, then it is converted into an alphabet with rank(in the alphabetical series) equivalent to the number of times that alphabet is repeated in the input word. The second alphabet of the code is the highest ranked(in the alphabetical series) vowel in that particular word, whereas the third letter of the code is the highest ranked consonant. For example:

(ii) If the input word doesn’t satisfy condition (i) given above, then the first letter of code is the reverse of the greatest vowel in that word(A-Z, E-V, I-R...) and its next vowel in the alphabetical series becomes the second letter of
the code. The last letter of the word becomes the last letter of the code.
For example:

9. Ans. (d)
This coding decoding question is based on the new pattern. In this question the words are coded as per the following rules.
(i) If the word contains an alphabet that is repeated more than once in that word, then it is converted into an alphabet with rank (in the alphabetical series) equivalent to the number of times that alphabet is repeated in the input word. The second alphabet of the code is the highest ranked (in the alphabetical series) vowel in that particular word, whereas the third letter of the code is the highest ranked consonant.
For example:
(ii) If the input word doesn’t satisfy condition (i) given above, then the first letter of code is the reverse of the greatest vowel in that word (A-Z, E-V, I-R...) and its next vowel in the alphabetical series becomes the second letter of the code. The last letter of the word becomes the last letter of the code.

For example:

10. Ans. (c)
This coding decoding question is based on the new pattern. In this, question the words are coded as per following rules.

(i) If the word contains an alphabet that is repeated more than once in that word, then it is converted into an alphabet with rank (in the alphabetical series) equivalent to the number of times that alphabet is repeated in the input word. The second alphabet of the code is the highest ranked (in the alphabetical series) vowel in that particular word, whereas the third letter of the code is the highest ranked consonant. For example:
(ii) If the input word doesn’t satisfy condition (i) given above, then the first letter of code is the reverse of the greatest vowel in that word (A-Z, E-V, I-R...) and its next vowel in the alphabetical series becomes the second letter of the code. The last letter of the word becomes the last letter of the code.

For example:

Next vowel after E

BEST - V T

Reverse of E

Last letter of Best

11. Ans. (b)

This is question of Coding-Decoding based on new pattern. In these questions following logic's are applied to decode the code:

1st letter of the code: - Reverse value of 2nd last letter of word in alphabetical series
2nd letter of the code: - Some special character according to number of letters in word
This is question of Coding-Decoding based on new pattern. In these questions following logic's are applied to decode the code:-

1. Ist letter of the code :- Reverse value of 2nd last letter of word in alphabetical series
2. 2nd letter of the code:- Some special character according to number of letters in word
3. 3rd letter of the code:- Total number of letters in word – 1
4. 4th letter of the code:- 2nd letter of word

12. Ans. (e)

LIKE → P, & 3, 1 → 2nd letter of word
Reverse letter of 2nd last letter in word → Total no. of letter in a word – 1

Diagram: 

- Reverse letter of 2nd last letter in word
- Total no. of letter in a word – 1
- Some special character on no. of letter in word
  - 9 — $, 8 — @, 7 — #, 5 — !, 4 — &
  - 3 — %, 2 — *
13. Ans. (a)
This is question of Coding-Decoding based on new pattern. In these questions following logic's are applied to decode the code:-
1st letter of the code :- Reverse value of 2nd last letter of word in alphabetical series
2nd letter of the code :- Some special character according to number of letters in word
9-$, 8-@, 7-#, 5-!, 4-&, 3-%, 2-*
3rd letter of the code :- Total number of letters in word – 1
4th letter of the code :- 2nd letter of word

14. Ans. (c)
This is question of Coding-Decoding based on new pattern. In these questions following logic's are applied to decode the code:-
1st letter of the code :- Reverse value of 2nd last letter of word in alphabetical series
2nd letter of the code :- Some special character according to number of letters in word
15. Ans. (a)
This is question of Coding-Decoding based on new pattern. In these questions following logic's are applied to decode the code:-
Ist letter of the code :- Reverse value of 2nd last letter of word in alphabetical series
2nd letter of the code:- Some special character according to number of letters in word
9-$, 8-@, 7-#, 5-!, 4-&, 3-%, 2-*
3rd letter of the code:- Total number of letters in word – 1
4th letter of the code:- 2nd letter of word
16. Ans. (d)
This is a question of Coding-Decoding based on a new pattern. In these questions, the following logic's are applied to decode the code:
1st letter of the code: If the total number of letters in a word is an odd number, then a special character - % is used in the starting of the code. But if the total number of letters in a word is an even number, then a special character - # is used in stating the code.
2nd letter of the code: A sum of the ranking of the 1st letter and the last letter of the word in alphabetical order.
3rd letter of the code: 2nd last letter of the word.
4th letter of the code: Total number of letters in a word.

17. Ans. (e)
This is a question of Coding-Decoding based on a new pattern. In these questions, the following logic's are applied to decode the code:
1\textsuperscript{st} letter of the code:- If total number of letter in a word is odd number then a special character - % is used in starting of code.

But If total number of letter in a word is even number then a special character - # is used in stating of code.

2\textsuperscript{nd} letter of the code:- A sum of ranking of 1\textsuperscript{st} letter and last letter of a word in alphabetical series.

3\textsuperscript{rd} letter of the code:- 2\textsuperscript{nd} last letter of word

4\textsuperscript{th} letter of the code:- Total number of letters in a word.

\textbf{18.Ans. (a)}

This is question of Coding-Decoding based on new pattern. In these questions following logic's are applied to decode the code:-

1\textsuperscript{st} letter of the code:- If total number of letter in a word is odd number then a special character - % is used in starting of code.

But If total number of letter in a word is even number then a special character - # is used in stating of code.
2\textsuperscript{nd} letter of the code: - A sum of ranking of 1\textsuperscript{st} letter and last letter of a word in alphabetical series.

3\textsuperscript{rd} letter of the code: - 2\textsuperscript{nd} last letter of word

4\textsuperscript{th} letter of the code: - Total number of letters in a word.

19. Ans. (c)
This is a question of Coding-Decoding based on a new pattern. In these questions, the following logic's are applied to decode the code:
1\textsuperscript{st} letter of the code: - If the total number of letters in a word is odd, a special character - % is used in the starting of the code. But if the total number of letters in a word is even, a special character - # is used in stating of the code.
2\textsuperscript{nd} letter of the code: - A sum of ranking of 1\textsuperscript{st} letter and last letter of a word in alphabetical series.

3\textsuperscript{rd} letter of the code: - 2\textsuperscript{nd} last letter of word

4\textsuperscript{th} letter of the code: - Total number of letters in a word.
20. Ans. (c)
This is question of Coding-Decoding based on new pattern. In these questions following logic's are applied to decode the code:

1st letter of the code:- If total number of letter in a word is odd number then a special character - % is used in starting of code.
But If total number of letter in a word is even number then a special character - # is used in stating of code.

2nd letter of the code:- A sum of ranking of 1st letter and last letter of a word in alphabetical series.
3rd letter of the code:- 2nd last letter of word
4th letter of the code:- Total number of letters in a word.
21. Ans. (e)
This is question of Coding-Decoding based on new pattern. In these questions following logic's are applied to decode the code:

1st letter of the code: - Total number of letters in a word – 2
2nd letter of the code: - Last letter of word
3rd letter of the code: - Next letter of 1st letter of word in alphabetical series
4th letter of the code: - One previous letter of 3rd letter of word in alphabetical series

22. Ans. (b)
This is question of Coding-Decoding based on new pattern. In these questions following logic's are applied to decode the code:

1st letter of the code: - Total number of letters in a word – 2
2nd letter of the code: - Last letter of word
3rd letter of the code: - Next letter of 1st letter of word in alphabetical series
4th letter of the code: - One previous letter of 3rd letter of word in alphabetical series
23. Ans. (b)
This is a question of Coding-Decoding based on a new pattern. In these questions, the following logic's are applied to decode the code:

1st letter of the code: Total number of letters in a word – 2
2nd letter of the code: Last letter of the word
3rd letter of the code: Next letter of the 1st letter of the word in alphabetical series
4th letter of the code: One previous letter of the 3rd letter of the word in alphabetical series

24. Ans. (d)
This is another question of Coding-Decoding based on a new pattern. In these questions, the following logic's are applied to decode the code:
1st letter of the code: - Total number of letters in a word – 2
2nd letter of the code: -. Last letter of word
3rd letter of the code: - Next letter of 1st letter of word in alphabetical series
4th letter of the code: - One previous letter of 3rd letter of word in alphabetical series

25. Ans. (e)
This is question of Coding-Decoding based on new pattern. In these questions following logic's are applied to decode the code:
1st letter of the code: - Total number of letters in a word – 2
2nd letter of the code: -. Last letter of word
3rd letter of the code: - Next letter of 1st letter of word in alphabetical series
4th letter of the code: - One previous letter of 3rd letter of word in alphabetical series
(26-30):
i. The first letter of the code follows according to this pattern-
   The total number of letters = alphabetical number of alphabet
   A-1, B-2, C-3 .......... Q-17, R-18 .......... Z-26
   Such as Uttar = 5 letters = code is ‘E’

ii. The number used in the code according to this pattern-
   number = total number of letters multiply by 2
   such as Uttar= 5 letters = 5*2 = 10

iii. The last special symbol used in the code according to this pattern
    R-& , H-%, E-#, Y-/, N+, F-, A-$, S-@, D-!, O-, T-, L-

26. Ans. (d)
27. Ans. (c)
28. Ans. (a)
29. Ans. (b)
30. Ans. (d)

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