

Coding-decoding Solution for SBI Clerk 2022

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Solutions

1. Ans. E.

First of all we need to find out the codes used for the different words used in the given question. For example, if we want to find the code used for the word 'Sona', just look in to all the lines for the same word and search the common code in all the coded lines and mark it. As, them what confirm Sona ⇔ma co them mx

Sona is a great maid ⇔mx mh la sa ox

Rahul confirm Sona ⇔mx them kl

what is maid of Rahul ⇔kl mh co ze ox

Hence, we find that the code used for the word 'Sona' is 'mx'. Using this method we can easily find the codes used for the different words. As,

| Words | Codes |
|---------|-------|
| Them | ma |
| What | co |
| Confirm | them |
| Sona | mx |
| Is/maid | mh/ox |
| a/great | la/sa |
| Rahul | kl |
| of | ze |

2. Ans. E.

First of all we need to find out the codes used for the different words used in the given question.

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| Rahul | kl |
| of | ze |

3. Ans. D.

First of all we need to find out the codes used for the different words used in the given question. For example, if we want to find the code used for the word 'Sona', just look in to all the lines for the same word and search the common code in all the coded lines and mark it. As,

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| Sona | mx |
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| a/great | la/sa |
| Rahul | kl |
| of | ze |

4. Ans. A.

First of all we need to find out the codes used for the different words used in the given question.

For example, if we want to find the code used for the word 'Sona', just look in to all the lines for the same word and search the common code in all the coded lines and mark it. As,

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| of | ze |



5. Ans. A.

First of all we need to find out the codes used for the different words used in the given question. For example, if we want to find the code used for the word 'Sona', just look in to all the lines for the same word and search the common code in all the coded lines and mark it. As,

them what confirm Sona ⇔ ma co them mx
Sona is a great maid ⇔ mx mh la sa ox
Rahul confirm Sona ⇔ mx them kl
what is maid of Rahul ⇔ kl mh co ze ox

Hence, we find that the code used for the word 'Sona' is 'mx'. Using this method we can easily find the codes used for the different words. As,

| Words | Codes |
|---------|-------|
| Them | ma |
| What | co |
| Confirm | them |
| Sona | mx |
| Is/maid | mh/ox |
| a/great | la/sa |
| Rahul | kl |
| of | ze |

6. Ans. E.

3%85#6 = FKUDVT (Condition 3 is applicable)

7. Ans. C.

#8@7\$9 = VUXPXS (Condition 2 is applicable)

8. Ans. B.

7%96*5 = PKSFB D (None of the condition is applicable. Hence, the code will be coded as given in the question)

9. Ans. B.

4&86%7 = ANGGKP (Condition 1 is applicable)

The code of @ = G

10. Ans. E.

9%8\$*6 - FKUQBS

(condition 3 applicable)

11. Ans. A.

The code of "home" is "gsk".

Hence, option A.

"drive car home highway" = "gsk msk bsk tsk"---1

"car bike drive train" = "bsk ksk psk tsk"-----2

"train floor speed home" = "ask dsk gsk ksk"----3

"bike traffic road car" = "mrk prk psk tsk"-----4

From 1, 2 and 4, "car"=tsk

From 1 and 2, "drive"=bsk

From 1 and 3, "home"=gsk

From 1, "highway"=msk

From 2 and 3, "train"=ksk

From 2, "bike"=psk

From 3, "floor/speed"=ask/dsk

From 4, "traffic/road"=mrk/prk

12. Ans. E.

"dsk" is the code of either "speed" or "floor".

Hence, option E.

"drive car home highway"="gsk msk bsk tsk"----1

"car bike drive train" = "bsk ksk psk tsk"-----2

"train floor speed home" = "ask dsk gsk ksk"----3

"bike traffic road car" = "mrk prk psk tsk"-----4

From 1, 2 and 4, "car"=tsk

From 1 and 2, "drive"=bsk

From 1 and 3, "home"=gsk

From 1, "highway"=msk

From 2 and 3, "train"=ksk

From 2, "bike"=psk

From 3, "floor/speed"=ask/dsk

From 4, "traffic/road"=mrk/prk

13. Ans. B.

"traffic ride" is written as "mrk krk".

It means "traffic" = mrk

Then code of "road"=prk

so "road accident"=prk trk

hence, option B.

"drive car home highway" = "gsk msk bsk tsk"---1

"car bike drive train" = "bsk ksk psk tsk"-----2

"train floor speed home" = "ask dsk gsk ksk"----3

"bike traffic road car" = "mrk prk psk tsk"-----4

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From 2, "bike"=psk

From 3, "floor/speed"=ask/dsk

From 4, "traffic/road"=mrk/prk

14. Ans. A.

The code of "car" is "tsk".

Hence, option A.

"drive car home highway" = "gsk msk bsk tsk"---1

"car bike drive train" = "bsk ksk psk tsk"-----2

"train floor speed home" = "ask dsk gsk ksk"----3

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From 2 and 3, "train"=ksk

From 2, "bike"=psk

From 3, "floor/speed"=ask/dsk

From 4, "traffic/road"=mrk/prk



25. Ans. A.

| | | | | | |
|---|---|---|---|---|---|
| % | 3 | 6 | 7 | ★ | 4 |
| ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Q | A | J | E | P | I |

Condition (i) is applicable.
Hence Option A is correct

26. Ans. D.

| | | | | | |
|---|---|---|---|---|----|
| 7 | 2 | 6 | 9 | # | \$ |
| ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| N | R | J | T | B | N |

Condition (ii) is applicable.
Hence Option D is correct

27. Ans. D.

Former Chief Economic Advisor **Ashok K. Lahiri** has been named as the first Chairman of **Bandhan Bank**. Chandra Sekhar Ghosh will be the **MD** and **CEO** of the bank.

28. Ans. B.

| | | | | | |
|----|---|---|---|---|---|
| \$ | 3 | 9 | © | 4 | 6 |
| ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| J | A | T | H | Q | N |

Condition (i) is applicable.
Hence Option B is correct.

29. Ans. D.

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| F | E | T | C | H | → | G | B | S | D | E |
| ↓ | ↓ | ↓ | ↓ | ↓ | | ↓ | ↓ | ↓ | ↓ | ↓ |
| | | | | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| D | R | I | V | E | → | D | U | H | Q | C |
| ↓ | ↓ | ↓ | ↓ | ↓ | | ↓ | ↓ | ↓ | ↓ | ↓ |
| | | | | | | | | | | |

Similarly;

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| G | R | O | U | N | D | → | C | M | T | N | Q | F |
| ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| | | | | | | | | | | | | |

Thus **CMTNQF** is correct coding.

30. Ans. B.

| | | | | | |
|---|---|---|---|---|---|
| A | P | I | W | K | N |
| ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| # | 4 | ★ | © | 7 | # |

Condition (iii) follows.

31. Ans. E.

| | | | | | |
|---|---|---|---|---|---|
| H | P | E | I | U | M |
| ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| % | 4 | 6 | ★ | δ | % |

Condition (ii) follows

32. Ans. C.

| | | | | | |
|---|---|---|---|---|---|
| R | D | E | M | K | H |
| ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| @ | 1 | 6 | % | 7 | @ |

Condition (ii) follows

33. Ans. C.

| | | | | | |
|---|---|---|---|---|----|
| F | W | H | R | K | E |
| ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 6 | © | @ | 9 | 7 | \$ |

Condition (i) follows

34. Ans. A.

| | | | | | |
|---|---|---|---|---|---|
| I | D | A | P | R | U |
| ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| ★ | 1 | 3 | 4 | 9 | δ |

35. Ans. A.

| | | | | | | | |
|---|---|---|----|---|---|----|---|
| G | E | A | R | F | I | R | M |
| ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 5 | % | 9 | \$ | 3 | @ | \$ | 7 |

Hence

F A M E

| | | | |
|---|---|---|---|
| ↓ | ↓ | ↓ | ↓ |
|---|---|---|---|

3 9 7 %

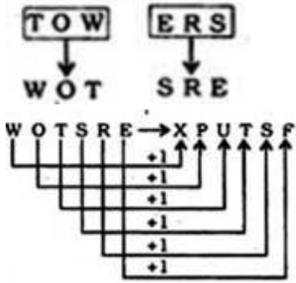
36. Ans. C.

The word has been divided into two equal parts and then the order of the letters in each part is reversed and the immediate next letter is written in the code.

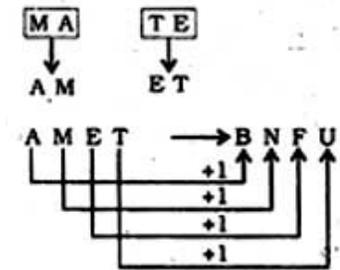
| | | |
|----------|------|----------|
| TER | INAL | |
| ↓ | ↓ | |
| MRET | LANI | |
| ↓ | ↓ | |
| MERTLANI | → | NFSUMBOJ |
| ↓ | ↓ | ↓ |
| | | |



Similarly;

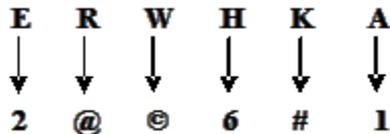


Therefore;



Hence Option C is correct

37. Ans. A.

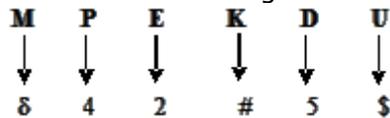


Hence, option A is correct.

38. Ans. E.



Since, In **MPEKDU**, first letter is a consonant and the last letter is a vowel. Then, codes of both these are to be interchanged. Therefore,



Thus, condition (i) is follows.

Hence, option E is correct.

39. Ans. D.



Since, In **TMEIUF**, both the first and the last letters are consonants, then both these are to be coded as per the code of the last letter. Therefore,



Thus, condition (ii) follows.

Hence, option D is correct.

40. Ans. E.

$$I. 4X^2 - 4X - 3 = 0$$

$$4X^2 - 6X + 2X - 3 = 0$$

$$2X(2X - 3) + 1(2X - 3) = 0$$

$$X = +3/2, -1/2$$

$$II. 4Y^2 + 12Y + 5 = 0$$

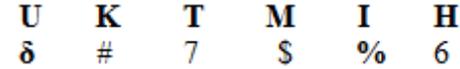
$$4Y^2 + 10Y + 2Y + 5 = 0$$

$$2Y(2Y + 5) + 1(2Y + 5) = 0$$

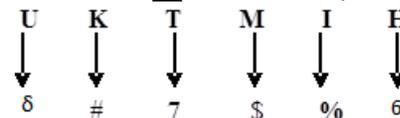
$$Y = -1/2, -5/2$$

Hence, $X \geq Y$

41. Ans. C.



Since, In **UKTMIH**, the first letter is vowel and the last letter is a consonant, then both these are to be coded as '↔'. Therefore,



Thus, condition (iii) follows.

Hence, option C is correct.

42. Ans. A.

In this operation 11 alphabet word is divided into two parts about middle, and again the parts thus obtained are divided into two parts about their middle alphabet. All middle alphabets are kept as it is and rest alphabets are written in reverse order in diagonal direction. For more details a diagram is given below:-

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OPPORTUNITY



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For PONDICHERRY

PONDICHERRY



PONDICHERRY



IDNOPCYRREH



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43. Ans. E.

As,

| | | | | | | | | | | |
|----|----|----|----|----|-----|----|----|----|----|----|
| O | U | T | E | R | and | S | T | I | C | K |
| ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| -2 | -2 | -2 | -2 | -2 | | -2 | -2 | -2 | -2 | -2 |
| M | S | R | C | P | | Q | R | G | A | I |

Similarly,

| | | | | |
|----|----|----|----|----|
| W | H | O | L | E |
| ↓ | ↓ | ↓ | ↓ | ↓ |
| -2 | -2 | -2 | -2 | -2 |
| U | F | M | J | C |

44. Ans. D.

| | | | | | | |
|---|-------------------|---|-------------------|---|----|---|
| B | → ⁺⁵ → | G | → ⁺⁵ → | L | +5 | Q |
| E | → ⁺⁵ → | J | → ⁺⁵ → | O | +5 | T |
| C | → ⁺⁵ → | H | → ⁺⁵ → | M | +5 | R |
| D | → ⁺⁵ → | I | → ⁺⁵ → | N | +5 | S |

45. Ans. C.

Step I: at first position, middle letter of the word is written, which is 'A' in this case.

Step II: at second position, first letter of the word is 'I' its numerical value is 12, so 12+1=13.

Step III: at last position, every word ending with these particular letter and symbol is used according to this-

| | | | |
|---|---|---|---|
| E | G | S | D |
| % | # | @ | * |

So final code is **A13%**

46. Ans. B.

Step I: at first position, middle letter of the word is written, which is 'N' in this case.

Step II: at second position, first letter of the word is 'I' its numerical value is 12, so 20+1=21.

Step III: at last position, every word ending with these particular letter and symbol is used according to this-

| | | | |
|---|---|---|---|
| E | G | S | D |
| % | # | @ | * |

So final code is **N21@**

Last letter of the word tunes is 's' so symbol is '@'.

47. Ans. B.

Step I: at first position, middle letter of the word is written, which is 'L' in this case.

Step II: at second position, first letter of the word is 'I' its numerical value is 12, so 20+1=21.

Step III: at last position, every word ending with these particular letter and symbol is used according to this-

| | | | |
|---|---|---|---|
| E | G | S | D |
| % | # | @ | * |

So final code is **L21#**

Following the same pattern the code of 'telling' is 'L21#'.

48. Ans. D.

you may now leave - ho na ta ja - (1)

leave and go - na pa da - (2)

now come back - sa ho ga - (3)

From 1 and 2, code for leave - na

From 1 and 3, code for now - ho

The code for 'may' - either ta or ja

49. Ans. C.

| | | | | | | | | | | | | | |
|---|---|----|---|---|---|-----|---|---|---|---|---|---|---|
| P | R | A | I | S | E | and | R | E | S | P | I | R | E |
| ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| # | @ | \$ | 2 | 7 | % | | @ | % | 7 | # | 2 | @ | % |

So,

| | | | | | |
|---|---|---|----|---|---|
| R | E | P | A | I | R |
| ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| @ | % | # | \$ | 2 | @ |

Therefore option C is the correct option.

50. Ans. B.

As,

| | | |
|-----|---|-----|
| KIN | E | TIC |
| ↓ | ↓ | ↓ |
| TIC | D | KIN |

Similarly,

| | | |
|-----|---|-----|
| MAC | H | INE |
| ↓ | ↓ | ↓ |
| INE | G | MAC |



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