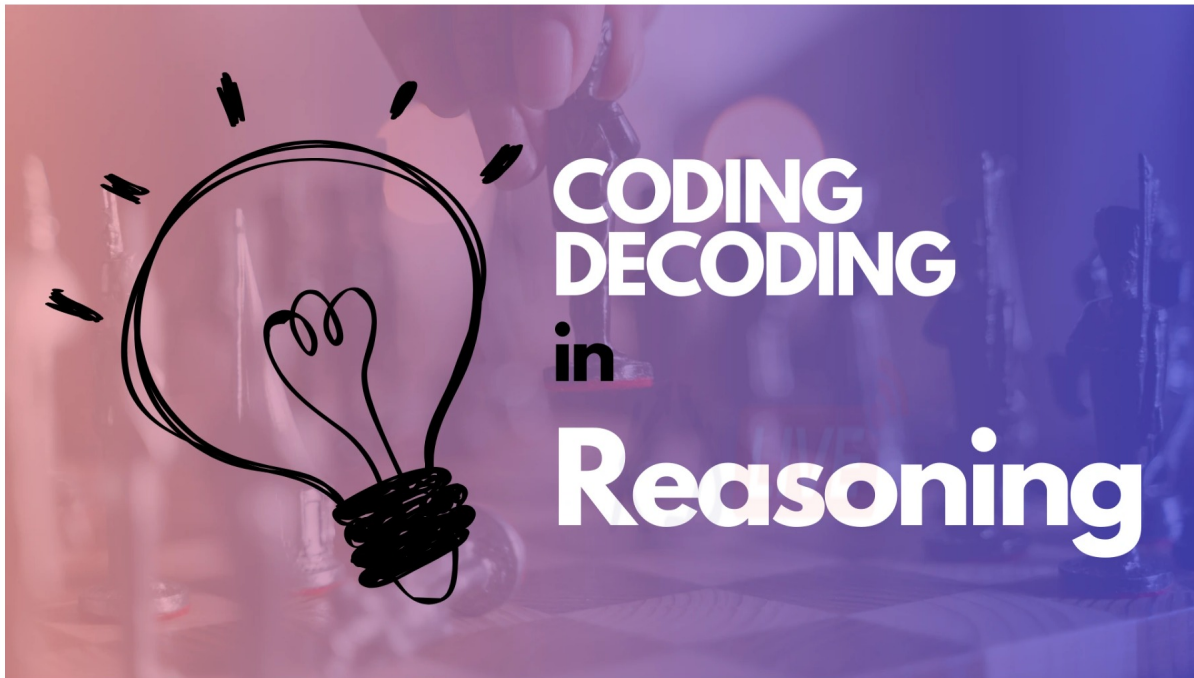


Coding and Decoding - 60 Difficulty Wise MCQs with Solutions

In today's segment, we will be focusing on Coding and Decoding, a significant topic of Logical Reasoning section that holds substantial weightage in the SSC and Bank exams. Almost 4 - 6 questions surely come from this chapter in almost all SSC and Bank exams. Coding and Decoding questions are an integral part of the reasoning section and demand a strong grasp of pattern recognition and logical thinking.



Here, we present 60 carefully curated Coding and Decoding questions, each designed to cater to different difficulty levels, simulating the diversity encountered in the actual SSC and Bank exam. It is recommended to approach these questions systematically, attempting them one by one, much like you would during the actual exam. Difficulty levels are categorised into Easy, Moderate and Hard. By tackling these questions, you will not only enhance your preparation but also develop a deeper understanding of concepts. You can also download Coding and Decoding questions and answers PDF by clicking the Download PDF button on the top of this page.

Coding and Decoding Questions for SSC - Easy Level

Q:1 In a certain code, ROPE is written as '%57&', DOUBT is written as '35#8*' and LIVE is written as '@24&'. How is TROUBLE written in that code?

1. *%#58@&
2. *%5#8@4
3. *%5#8@&



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4. *%#58&@

Q:2 If RAM is coded as %&\$, RAHUL is coded as %&@#*, then what is the code of HAUL?

1. @&#*

2. %@#@

3. @@#*

4. %@@*

Q:3 In a certain code, 'PILLOW' is written as '16@00%23', 'TALLER' is written as '20#00&18'. Then, how is the word 'SHOWER' written in the same code?

1. 19S&D#18

2. 18S%D&19

3. 19S%D&18

4. 198%23&18

Q:4 In a certain code language "ROPE" is written as "%574", DOUBT is written as "35#8*" and LIVE is written as "@2\$4". How is "TROUBLE" written in that code language?

1. *%5#8@\$

2. *%#58@&

3. *%5#8@4

4. *%#58\$@

Q:5 If in a certain code language, RIGHT is coded as @#%\$^ and FRIEND is coded as *@#!~&, how is DINNER coded in that language?

1. &#~!~@

2. &#\$\$!@

3. &~#~!@

4. &#~~!@

Q:6 If cooler is called 'food', food is called 'rose', rose is called 'restaurant', and restaurant is called 'natkhat', then what would a man eat?

1. Rose



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2.Natkhat

3.Restaurant

4.Cooler

Q:7 If Diamond is called Gold, Gold is called Silver, Silver is called Emerald, and Emerald is called Ruby, which is the hardest substance?

1.Ruby

2.Gold

3.Silver

4.Emerald

Q:8 If White is called Black, Black is called Red, Red is called Yellow, Yellow is called Green, Green is called Blue, Blue is called Violet and Violet is called Orange, what would be the colour of human blood?

1.Green

2.Black

3.Red

4.Yellow

Q:9 In a certain code language, pink is called wood, wood is called Pen, Pen is called color, and the color is called brown. In this language, which of the following is used for writing?

1.Pink

2.Pen

3.Brown

4.Color

Q:10 If 'orange' is called 'butter', 'butter' is called 'soap', soap' is called 'ink', 'ink' is called 'honey' and 'honey' is called 'orange', which of the following is used for washing clothes?

1.honey

2.butter

3.orange

4.ink



Coding and Decoding Questions for SSC - Moderate Level

Q:1 If in a certain code language, NOTEBOOK is written as "EFBEBFFB", APPLE is written as "AGGCE", then how will POCKET be written in the same code language?

- 1.GHCBE
- 2.SFGBEB
- 3.GFCBEB
- 4.GFCBAB

Q:2 If 'FATHER' is coded as 'GZUGFQ' and 'MOTHER' is coded as 'NNUGFQ' then what is the code for 'SISTER' in the same code language?

- 1.HTTSFQ
- 2.THTFSQ
- 3.THTSFQ
- 4.THSTFQ

Q:3 If GAME is written as AGEM and NATION is written as ANITNO, then what will be code for MOTHER?

- 1.OMTHER
- 2.OMHTRE
- 3.MOHTRE
- 4.MOHTER

Q:4 If in a certain code, 'GLAMOUR' is written as 'IJCNMWP' and 'MISRULE' is written 'OGUSSNC', then how will 'TOPICAL' be written in that code?

- 1.VMRHACJ
2. VMRJACJ
3. VNRJABJ

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4.VMRJEUN

Q:5 If REASON is coded as 5 and BELIEVED as 7, then what is the code for GOVERNMENT?

- 1.6
- 2.8
- 3.9
- 4.10

Q:6 If E = 5, PEN = 35, then PAGE = ?

- 1.27
- 2.28
- 3.29
- 4.36

Q:7 If each of the letters in the English alphabet is assigned an even numerical value by giving A = 2, B = 4, and so on. What would be the total value of the letters for the word DAILY when similarly coded?

- 1.82
- 2.112
- 3.102
- 4.92

Q:8 If the word LEADER is coded as 20-13-09-12-13-26, then how can LIGHT be coded as?

- 1.20-16-15-17-22
- 2.20-16-17-15-27
- 3.20-16-18-15-27
- 4.20-17-15-16-28

**Coding and Decoding - 60 Difficulty Wise MCQs with Solutions**

Q:9 In a certain language, SAGAR is written as 6, LAPTOP is written as 8 then what will be the code of MOUSE?

- 1.4
- 2.6
- 3.8
- 4.10

Q:10 If "Patriot" is coded as (74 - 25) and "Soldier" is coded as (53 - 29), then how can "Chinese" be coded in the same code language?

- 1.(42 - 20)
- 2.(45 - 10)
- 3.(44 - 19)
- 4.(45 - 20)

Coding and Decoding Questions for SSC - Hard Level

Q:1 In the certain code language 'Happy and you' is written as 'ra ks bn', 'Make it Happy' is written as 'ks uc yf' and 'Before you make' is written as 'bn yf xq'. how will 'Before' be written in that language?

- 1.uc
- 2.yf
- 3.xq
- 4.ra

Q:2 In a certain code language, 'crt p nq st' is coded as 'Heat is Cold', 'p nq tu we' is coded as 'Road is Busy', 'we crt kl' is coded as 'Cold and Busy'. Then what will be the code of 'Heat' in the same coded language?

- 1.p nq
- 2.st
- 3.kl
- 4.we

Q:3 In a certain code language, 'Mango is very tasty' is written as 'la ja ta sa', 'Mango is a fruit' is written as 'ja sa op nm', 'Apple is tasty' is written as 'sa ty ta'. how will 'very' be written in that language?



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1.sa

2.ty

3.nm

4.la

Q:4 In a certain code, '253' means 'songs are music'; '546' means 'life is music' and '378' means 'play good songs.' What stands for "are" in that code?

1.2

2.4

3.8

4.5

Q:5 In a certain code language '@%#' means 'Paint is colour', '&@?' means 'sea is blue' and '?*%' means 'sea display colour'. Which of the following word is coded as '*'?

1.colour

2.paint

3.display

4.blue

Q:6 In a certain code language '523' stands for 'sun is shining', '279' stands for 'shining always miserable' and '634' stands for 'moon is bright', then which of the following is the code for "Bright"?

1.6

2.7

3.2

4.Cannot be determined

Q:7 In a certain code language, 'exam tough' is written as '!%' and 'result good' is written as '@#' and 'tough result' is written as '!@'. Then, what is the code for 'exam'?

1.#

2.!

3.%

Coding and Decoding - 60 Difficulty Wise MCQs with Solutions

4.@

Q:8 In a certain code language, 'Privacy Social Media' is coded as 'yo vo na', 'Review account Privacy' is written as 'yo ha la', 'Media law account' is coded as 'la vo sa', Then code 'ha' used for which of the following word in the given coded language?

- 1.Privacy
- 2.Media
- 3.Social
- 4.Review

Q:9 In certain code language 'Beauty and beast' is written as '2@ 3# 4?', 'Smile is Beauty' is written as '3# 5% 7&' and 'See beast smile' is written as '4? 7& 8*'. How 'see beauty' is coded in the coded language?

- 1.3# 4?
- 2.8* 3#
- 3.2@ 4?
- 4.3# 5%

Q:10 In a certain code language, 'png abc khn' is coded as 'Earth is Green', 'abc gph mno' is coded as 'Cloud is Black', 'mno png rtu' is coded as 'Green and Black'. Then what will be the code of 'black' in the same coded language?

- 1.png
- 2.mno
- 3.abc
- 4.rtu

Coding and Decoding Questions for Bank - Easy Level

Direction (1 - 2): Read the given information carefully and answer the following questions.



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Coding and Decoding - 60 Difficulty Wise MCQs with Solutions

In a certain code language
'si la mi' means 'flower are red',
'si za bi ta' means 'steel industry are shrinking',
'la ha pi bi' means 'steel component holds flower'
'ma za ha sa' means 'component need better shrinking'

Q:1 What is the code for 'holds'?

- 1.pi
- 2.sa
- 3.ma
- 4.ta
- 5.None of the above

Q:2 What will be the code for the sentence 'steel component are red'?

- 1.ha la mi sa
- 2.bi ha si mi
- 3.la bi mi si
- 4.ha mi si la
- 5.Cannot be determined

Direction (3 - 5): Read the information carefully and answer the following questions.

In a certain code language,
"always follow your passion" is written as "ke ag mo jp"
"great passion music for" is written as "mo bu sc nd"
"music always on mind" is written as "fi sc ag lw"
"follow music on twitter" is written as "ty jp fi sc"

Q:3 What may be the possible code for 'divine passion' in the given code language?

- 1.mo ag
- 2.bu mo
- 3.xy ag
- 4.xy bu

**Coding and Decoding - 60 Difficulty Wise MCQs with Solutions**

5.mo xy

Q:4 If 'music always help' is coded as 'ag hr sc' in the given code language, then what is the code for 'help your twitter'?

- 1.ke ty bu
- 2.hr tw ag
- 3.hr ke sc
- 4.ty ke hr
- 5.bu ty hr

Q:5 What is the code for 'mind' in the given code language ?

- 1.bu
- 2.ag
- 3.lw
- 4.ke
- 5.ty

Direction (6 - 10): Read the information carefully and answer the following questions.

Q:6 If the sentence "It is impossible to put an end to terrorist activities" is written as "to impossible it to terrorist is activities an end put" in a certain code, then how will "Superpowers need not take any heed of global public opinion" be written in that code?

- 1.public need take not superpowers global opinion heed of any
- 2.opinion take not superpowers global public need heed of any
- 3.take not superpowers global public need opinion heed of any
- 4.superpowers global public need opinion heed of take not any
- 5.take superpowers global not public need opinion heed of

Q:7 If the sentence "Efforts to control the terrorist activities are on" is written as "to terrorist are efforts on control the activities" in a certain code, then how will "Some people create problems to peace loving people" be written in that code?

- 1.people to loving some people create problems peace
- 2.loving some people to people create problems peace



Coding and Decoding - 60 Difficulty Wise MCQs with Solutions

3. loving some people create problems people to peace
4. create problems people to loving some people peace
5. people some people create problems peace to loving any

Q:8 If the sentence "The quality of a fabric was impressive" is written as "a impressive was quality of the fabric" in a certain code, then how will "He always delays in taking any action" be written in that code?

1. delays in action any always he taking
2. any always in action delays he taking
3. in action any always delays he taking
4. in always delays he taking action any
5. always in action any delays he taking

Q:9 If the sentence "Pollution amounts to slow murder" is written as "amounts slow to murder pollution" in a certain code, then how will "Every society desires to prosper" be written in that code?

1. society to desires prosper every
2. to society desires prosper every
3. society to prosper every desires
4. prosper society to desires every
5. society prosper every to desires

Q:10 If the sentence "Nothing is impossible if proper efforts are made" is written as "efforts are proper made is nothing if impossible" in a certain code, then how will "Co-operative social relationships contribute to develop individual potentialities" be written in that code?

1. develop potentialities social co-operative contribute relationships individual to
2. develop individual to social co-operative potentialities contribute relationships
3. individual to potentialities social co-operative develop contribute relationships
4. develop individual to potentialities social co-operative contribute relationships
5. co-operative contribute develop individual to potentialities social relationships

Coding and Decoding Questions for Bank - Moderate Level

**Coding and Decoding - 60 Difficulty Wise MCQs with Solutions**

Direction (1 - 3): Read the given information carefully and answer the following questions.

In a certain code language:

“Move Fast or Left Behind” is coded as “he ma tj kl np”

“Men Left Behind The Journey” is coded as “at tj ma lp uf”

“Your Journey Ended Fast” is coded as “lp ry he jq”

“The Life Ended or Being” is coded as “kl fd at cr ry”

Q:1 If in the given coded language ‘Left My Legacy’ is written as ‘cs tj rk’ then what would be the code of ‘Journey Behind My Legacy’?

1. lp at cs rk
2. hc tj cs rk
3. lp ma cs rk
4. Either 2 or 3
5. None of these

Q:2 What is the code of ‘Your Men’ in the given code language?

1. jk tj
2. jq uf
3. uf hc
4. jq ma
5. ry uf

Q:3 What does the code ‘fd cr’ stand for in the given code language?

1. Life Being
2. Move Life
3. Life Ended
4. or Ended
5. The Life

Direction (4 - 5): Read the information carefully and answer the following questions.

**Coding and Decoding - 60 Difficulty Wise MCQs with Solutions**

In a certain code language,

'Reach Is For Stars' is written as 'su rd mo lp'

'Nothing Is Out Of Reach' is written as 'ka su hu lk lp'

'For Love Of Life' is written as 'lk mo go ma'

'Nothing Like Life Is' is written as 'lp go hu ne'

Q:4 Which of the following is the code for 'Love Nothing' in the given code language?

- 1.ma hu
- 2.mo ne
- 3.ma go
- 4.ik go
- 5.lp go

Q:5 Which of the following is the code for 'Love Like Stars' in the given code language?

- 1.ma go lp
- 2.rd ne ma
- 3.ne su mo
- 4.lk rd ne
- 5.None of these

Q:6 Study the following information carefully and answer the questions given belowIn a certain code language-

"Letter Symbol (1) Determiner" is coded as "10#U 15@N 20@E 24#U"

"Atmosphere Space Layer Number" is coded as "26#N 6@B (2) 26#N"

"Offline Numerical Online (3)" is coded as "29#G 36@N 29@M 26#A"

"Campus Lancer Reebok Sketchers" is coded as "22#N (4) 25@F 10@F"

Which of the following is coded as 10@F?

- 1.Campus
- 2.Lancer
- 3.Reebok
- 4.Sketchers

**Coding and Decoding - 60 Difficulty Wise MCQs with Solutions**

5. Determiner

Q:7 Study the information and answer the following questions: In a certain code language

“Traffic Rule (1) Situation “ is coded as “ 7%X 9@V 18%V 8%M”

“Artificial Payment Confirm Challan” is coded as “ 26%O 11%G 24%N (2)”

“Destiny (3) Future Breaking” is coded as “ 23%B 8@W 21@V (4)”

What is the code for “Theme Park”?

1. 7%V 11@P

2. 7@U 11%P

3. 9%T 8@P

4. 19@V 7@Q

5. None of these

Q:8 Read the given information carefully and answer the following questions. In a certain language,

“earlier % was facebook” is written as “li, et, as, ok”

“facebook is social media” is written as “ok, mn, ci, @”

“social media is useful” is written as “\$, di, mn, fu”

“meta is new media” is written as “di, #, et, ne”

What can be at the place of \$?

1. ci

2. li

3. di

4. as

5. mn

Q:9 Read the given information carefully and answer the following questions.

In a certain language,

“Nature gives us greenery” is written as “#, mk, js, pu”

“Dessert has no greenery” is written as “bu, zm, ke, dk”

“Dessert % very hot” is written as “bk, ry, \$, zm”

“No environment is green” is written as “bk, bu, @, en”

“Sahara has hot environment” is written as “dk, ot, ra, me”



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If "it gives us greenery" is coded as "jk, mk, js, ke", then what will be the code for "Nature being"?

- 1.pu, js
- 2.pu, ck
- 3.mk, cs
- 4.mk, pu
- 5.js, mk

Q:10 Read the information carefully and answer the following questions.

In a certain code language,

'm12 f6 v8 v10' is written as 'paying our taxes dues'

'n12 y4 l16 v64 o12' is written as 'income should be declared soon'

'n12 v10 i6 l8' is written as 'income taxes are cool'

'z6 v10 l8 f8' is written as 'pay your taxes soon'

Which of the following is the code for 'Honours Graduate'?

- 1.g16 i16
- 2.g16 i14
- 3.i14 t16
- 4.g20 r16
- 5.None of these

Coding and Decoding Questions for Bank - Hard Level

Directions (1 - 5): In each of the following questions 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 combinations correctly represents the group of letters based on the following coding system and mark the number of that combination as the answer. If none of the four combinations correctly represents the group of letters, mark (e), i.e. 'None of these', as the answer. Note: More than one condition may apply.



Coding and Decoding - 60 Difficulty Wise MCQs with Solutions

Conditions:

1. If the first digit is odd and the last digit is even, their codes are to be interchanged.
2. If the first digit is even and the last letter is a symbol, both are to be coded as the code for the symbol.
3. If the first, as well as the last digit, is even, both are to be coded as the code for \$.
4. If the first letter is a symbol and the last digit is even, both are to be coded as the code for the even digit.

Q:1 +74192

1. ERPQCA
2. ARPQCA
3. ARPQCE
4. URPQCU
5. None of these

Q:2 273458

1. ARSPDU
2. ARSPDB
3. BRSPDA
4. URSPDU
5. None of these

Q:3 4219#@

1. RAQCVV
2. LAQCVP
3. LAQCVL
4. PAQCVL
5. None of these

Q:4 7\$5862

1. AADBIR
2. RUDBIA

Coding and Decoding - 60 Difficulty Wise MCQs with Solutions

- 3.UUDBIU
- 4.RUDBIR
- 5.None of these

Q:5 3\$6#17

- 1.RUIVQS
- 2.SUIVQR
- 3.VUIVQV
- 4.IUIVQI
- 5.None of these

Direction (6 - 10): Study the following information and answer the given questions: In alphabetical series, each consonant is assigned a different number from 1-7 (for ex- B is coded as 1, C-2..... J-7) and again those numbers get repeated (for ex- K-1, L-2.....so on).

Besides the above information, the following operations are to be applied for coding the words given in the questions below. Each letter of the given questions will be coded as per the given

conditions:

- I. Vowels appearing before 'M' in the Alphabetical series will be coded as '**'.
- II. Vowels appearing after 'M' in the alphabetical series will be coded as '\$\$'.
- III. Number followed by the vowel will be coded as '@#'
- IV. Number preceded by a vowel will be coded as '#1'.

For example, MOST is coded as '#1\$\$@#2'.

Q:6 What is the code for 'OTHER'?

- 1.\$\$@##1**@#
- 2.**@##1\$\$#@
- 3.\$\$##1@**2
- 4.\$\$@##2**#@
- 5.None of these

Q:7 What will possibly be the code of 'POST'?

- 1.#1**@#2



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2.1@#2\$\$

3.#1\$\$@#2

4.#1**#@1

5.None of these

Q:8 What will possibly be the code for 'STEP'?

1.1#1**5

2.@#1\$\$1

3.1#1\$\$5

4.1#1**1

5.None of these

Q:9 What will possibly be the code for 'BANK'?

1.#1**#@2

2.@1#1\$\$1

3.#1\$\$@#1

4.#1**@#1

5.None of these

Q:10 What will possibly be the code for 'PUZZLE'?

1.#1\$\$@#@#1**

2.#1\$\$@#7#1**

3.**\$\$@#7#1#1

4.#1@#7#1**

5.None of these

Solutions of Easy Level SSC Questions

Coding and Decoding - 60 Difficulty Wise MCQs with Solutions

Q:1 (3) Letters & Symbols are coded as

]R O P E = % 5 7 & D O U B T = 3 5 # 8 * L I V E = @ 2 4 &

so, T R O U B L E will be coded as * % 5 # 8 @ &

Q:2 (1) Code of RAM = %&R =

Code of RAHUL = %&@#*R = %, A = &, H = @, U = #, L = *

The code of HAUL is @&#*

Q:3 (3) The pattern is as follows: The positional value of the

first and the last letters of the word is written. Each vowel

has assigned a certain symbol. The opposite letter of the remaining consonants is written. The symbols for the above

mentioned vowels are: I = @, O = %, A = #, E = &

The code for the word 'SHOWER' = 19S%D&18

Q:4 (3) Given: ROPE is written as %574

Word	R	O	P	E
Code	%	5	7	4

DOUBT is written as 35#8*

Word	D	O	U	B	T
Code	3	5	#	8	*

LIVE is written as @2\$4

Word	L	I	V	E
Code	@	2	\$	4

Similarly,

Word	T	R	O	U	B	L	E
Code	*	%	5	#	8	@	4

Q:5 (4) RIGHT is coded as @#\$%^

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R	I	G	H	T
@	#	\$	%	^

FRIEND is coded as *@#!~&

F	R	I	E	N	D
*	@	#	!	~	&

Similarly,

Q:6 (1) cooler → 'food', food → 'rose', rose → 'restaurant', restaurant → 'natkhat'. Man eats food but food is written as rose.

Q:7 (2) The logic used here is: Diamond is called Gold, Gold is called Silver, Silver is called Emerald, and Emerald is called Ruby. So, Code for the hardest substance; Diamond = Gold

Q:8 (4) The logic used here is: White = Black, Black = Red, Red = Yellow, Yellow = Green, Green = Blue, Blue = Violet, Violet = Orange. Similarly, The Colour of human blood is Red, but it is given that Red is called Yellow (Red = Yellow).

Q:9 (4) The pen is used for writing and it is called color in the question so, Color is used for writing.

Q:10 (4) Clearly, 'soap' is used for washing clothes. But a 'soap' is called 'ink'. So, 'ink' is used for washing clothes.

Solutions of Moderate Level SSC Questions

Q:1 (3) Addition of the place value numbers of the letters and then the same letter is written whose position is obtained after adding the number

N	O	T	E	B	O	O	K
14	15	20	5	2	15	15	11
↓	↓	↓	↓	↓	↓	↓	↓
(1+4)	(1+5)	(2+0)	(5)	(2)	(1+5)	(1+5)	(1+1)
5	6	2	5	2	6	6	2
E	F	B	E	B	F	F	B

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A	P	P	L	E
1	16	16	12	5
↓	↓	↓	↓	↓
(1)	(1+6)	(1+6)	(1+2)	(5)
1	7	7	3	5
A	G	G	C	E

Similarly

P	O	C	K	E	T
16	15	3	11	5	20
↓	↓	↓	↓	↓	↓
(1+6)	(1+5)	(3+0)	(1+1)	(5)	(2+0)
7	6	3	2	5	2
G	F	C	B	E	B

Q:2 (3) The code is formed as

$F + 1 = G, A - 1 = Z, T + 1 = U, H - 1 = G, E + 1 = F, R - 1 = Q$

Similarly S I S T E R is coded as T H T S F Q.

Q:3 (2) A word is coded by shifting the letters in itself.

G	A	M	E
↘	↗	↘	↗
A	G	E	M

Similarly,

N	A	T	I	Q	N
↘	↗	↘	↗	↘	↗
A	N	I	T	N	O

Therefore,

Coding and Decoding - 60 Difficulty Wise MCQs with Solutions

M O T H E R
O M H T R E

Q:4 (2) The letters of the words are coded as 1st letter of word +2, 2nd letter of word -2, 3rd letter of word +2, 4th letter of word +1, 5th letter of word -2, 6th letter of word +2, 7th letter of word -2

Following this process 'GLAMOUR' is written as 'IJCNMWP'.

Similarly TOPICAL is coded as VMRJACJ.

Q:5 (3) Here, each word is coded by the numeral which is 1 less than the number of letters in the word.

Since there are 10 letters in the word GOVERNMENT, so the answer will be $10 - 1 = 9$.

Q:6 (3) Given: E = 5PEN = 35

Clearly, each letter is replaced by its positional value,

$$PEN = P + E + N = 16 + 5 + 14 = 35$$

$$\text{So, PAGE} = P + A + G + E = 16 + 1 + 7 + 5 = 29$$

Q:7 (3) Value of the letters coded for the word DAILY by assigning an even numerical value such as giving A = 2, B = 4, and so on: D = 8A = 2I = 18L = 24Y = 50

The total value will be 102.

Q:8 (4) The codes are

L	⇒	12	+	8	=	20
E	⇒	5	+	8	=	13
A	⇒	1	+	8	=	09
D	⇒	4	+	8	=	12
E	⇒	5	+	8	=	13
R	⇒	18	+	8	=	26

Similarly,

L	⇒	12	+	8	=	20
I	⇒	9	+	8	=	17
G	⇒	7	+	8	=	15
H	⇒	8	+	8	=	16
T	⇒	20	+	8	=	28

Coding and Decoding - 60 Difficulty Wise MCQs with Solutions

Q:9 (2) A word is coded by multiplying the number of vowels with the number of consonants in it.

SAGAR = $3 \times 2 = 6$, LAPTOP = $4 \times 2 = 8$

MOUSE will be coded as: $2 \times 3 = 6$

Q:10 (3) 1st - Sum of the place value of all the consonants in the word, 2nd - Sum of the place value of all the vowels in the word.

CHIENESE: $C(3) + H(8) + N(14) + S(19) = 44$ | $(9) + E(5) + E(5) = 19$ (44 - 19)

Solutions of Hard Level SSC Questions

Q:1 (3) Happy and you — ra ks bn
Make it happy — ks uc yf
 Before you make — bn yf xq

So, 'Before' is coded as 'xq'.

Q:2 (2) crt pnq st — heat is cold
pnq tu we — road is busy
we crt kl — cold and busy

So, 'Heat' is coded as 'st'.

Q:3 (4) Mango is very tasty — la ja ta sa
Mango is a fruit — ja sa op nm
Apple is tasty — sa ty ta

Q:4 (1) 2 5 3 — songs are music
5 4 6 — life is music
3 7 8 — play good songs

Coding and Decoding - 60 Difficulty Wise MCQs with Solutions

Q:5 (3)

@ % # — paint is colour
 & @ ? — sea is blue
 ? * % — sea display colour

Q:6 (4)

5 (2) (3) — sun is shining
 (2) 7 9 — shining always miserable
 6 (3) 4 — moon is bright

Q:7 (3)

Exam Tough — | %
 Result Good — @ #
 Tough Result — | @

Q:8 (4)

Privacy social media — yo vo na
 Review account privacy — yo ha la
 Media law account — la vo sa

Q:9 (2)

Beauty and beast — 2@ 3# 4?
 Smile is beauty — 3# 5% 7&
 See beast smile — 4? 7& 8*

Q:10 (2)

(png) abc khn — Earth is (green)
 abc gph (mno) — cloud is (black)
 (mno) (png) rtu — (Green) and (black)

Solutions of Easy Level Bank Questions

(Q:1 - Q:2):

flower are red → si (la) mi
 steel industry are shrinking → si (za) bi ta
 steel component holds flower → (la) ha pi bi
 component need better shrinking → ma (za) ha sa

Q:1 (1) 'holds' is coded as 'pi'.

Q:2 (2) 'steel component are red' is coded as 'bi ha si mi'.

(Q:3 - Q:5):

always follow your passion → ke ag mo jp
 great passion music for → mo bu sc nd
 music always on mind → fi sc ag lw
 follow music on twitter → ty jp fi sc

Q:3 (5) Now let's check all the options:

1. mo ag: mo = passion, ag: follow (Not possible)
2. bu mo: bu = for/great, mo = passion (Not possible)
3. xy ag: xy = Not known, ag = follow (Not possible)
4. xy bu: xy = Not known, bu: for/great (Not possible)
5. mo xy: mo = passion, xy = Not known (Possible code)

The possible code for 'divine passion' is mo xy.

Q:4 (4) Thus code for 'help your twitter' is 'ty ke hr'.

Q:5 (3) 'mind' is coded as 'lw'.

**Coding and Decoding - 60 Difficulty Wise MCQs with Solutions**

Q:6 (3) It is impossible to put an end to terrorist activities

1 2 3 4 5 6 7 8 9 10

Then After coding, to impossible it to terrorist is activities an end put

4 3 1 8 9 2 10 6 7 5

Similarly,

Superpowers need not take any heed of global public opinion

1 2 3 4 5 6 7 8 9 10

then after coding,

4 3 1 8 9 2 10 6 7 5

take not superpowers global public need opinion heed of any

Q:7 (1) Efforts to control the terrorist activities are on

1 2 3 4 5 6 7 8

Then After coding, to terrorist are efforts on control the activities

2 5 7 1 8 3 4 6

Similarly,

Some people create problems to peace loving people

1 2 3 4 5 6 7 8

then after coding,

2 5 7 1 8 3 4 6

people to loving some people create problems peace

Q:8 (3) The quality of a fabric was impressive

1 2 3 4 5 6 7

Then After coding, a impressive was quality of the fabric

4 7 6 2 3 1 5

Similarly,

He always delays in taking any action

1 2 3 4 5 6 7

then after coding,

4 7 6 2 3 1 5

in action any always delays he taking

Coding and Decoding - 60 Difficulty Wise MCQs with Solutions

Q:9 (1) Pollution amounts to slow murder

1 2 3 4 5

Then After coding, amounts slow to murder pollution

2 4 3 5 1

Similarly, Every society desires to prosper

1 2 3 4 5

then after coding,

2 4 3 5 1

society to desires prosper every

Q:10 (4) Nothing is impossible if proper efforts are made

1 2 3 4 5 6 7 8

Then After coding, efforts are proper made is nothing if impossible

6 7 5 8 2 1 4 3

Similarly, Co-operative social relationships contribute to develop individual potentialities

1 2 3 4 5 6 7 8

then after coding,

6 7 5 8 2 1 4 3

develop individual to potentialities social co-operative contribute relationships

Solutions of Moderate Level Bank Questions

Q:1 - Q:3):

Move Fast (or) Left Behind → he ma tj (kl) np

Men Left Behind The Journey → at tj ma [lp] uf

Your Journey Ended Fast → [lp] ry he jq

The Life Ended (or) Being → (kl) fd at cr ry

Coding and Decoding - 60 Difficulty Wise MCQs with Solutions

Q:1 (3) Here, we have:

Left My Legacy = cs tj rk

And we know that, Left/Behind = tj/ma

Thus, Left = tj and My/Legacy = cs/rk

So, Behind = ma

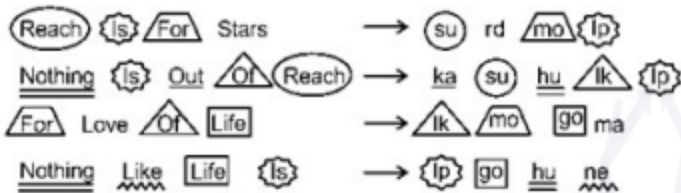
Also, Journey = lp

Then, Journey Behind My Legacy = lp ma cs rk

Q:2 (2) Clearly, "jq uf" stands for "Your Men".

Q:3(1) Clearly, "fd cr" stands for "Life Being".

(Q:4 - Q:5): By decoding the code for every element:



Q:4 (1) Clearly, the code for "Love Nothing" is "ma hu".

Q:5 (2) Clearly, the code for 'Love Like Stars' is rd ne ma.

Q:6 (4) Logic: Code for the symbols - According to the number of consonants i.e. Even - # and Odd - @

Code for the Numbers - Sum of the place value of vowels in the word

Code for the letter - Next letter of the third letter of the word from the left according to the English alphabetical series.

In the fourth sentence,

For the word - Campus

Code for the symbols - Number of consonants - 4 so, code is #

Code for the Number - Sum of the place value of vowels i.e. 1+ 21 = 22

Code for the Letter - Next letter of M is N. So, the code is 22#N.

For the word - Lancer - 6#O

For the word - Reebok - 25@F

For the word - Sketchers - 10@F

Coding and Decoding - 60 Difficulty Wise MCQs with Solutions

Q:7 (1) Logic: For Number: Numerical value of the reverse letter of the first letter of the word.

For Symbol: If the total number of letters in a word is odd, then use % otherwise use @.

For Letter: Reverse letter of the last letter of the word.

For the word Theme Code for Number- Reverse letter of T is G and its positional value is 7

Code for Symbol- Number of letters is 5, hence code is %

Code for letter- Reverse letter of E is V

For the word Park Code for Number- Reverse letter of P is K and its positional value is 11

Code for Symbol- Number of letters is 4, hence code is @

Code for letter- Reverse letter of K is P

Q:8 (1) By Decoding the code for each element:

earlier % was facebook → li et as ok
facebook is (social) media → ok mn (ci) @
 (Social) media is useful → (\$) di mn fu
 meta is new media → di # et ne

Earlier - li/as; was - as/li; meta - et/ne; facebook - ok; is - mn/

di; social - ci; media - di/mn; useful - fu; new - ne/et

In statement 2, 3 and 4 the words 'media' and 'is' are common. By elimination method we can find out that the \$ can replace "ci".

Here "ci" is missing which is the code for 'social'.

Q:9 (2)

Nature gives us greenery → # mk js pu
Dessert (has) no greenery → bu zm ke (dk)
Dessert % very hot → bk ry \$ zm
No environment is green → bk bu @ en
 Sahara (has) hot environment → (dk) ot ra me

Codes for 'nature gives us' is either 'mk' or 'js' or 'pu' and code for 'greenery' is 'ke'.

Since code for "it gives us greenery" is "jk, mk, js, ke", which means codes for gives us are mk and js.

So, the code for "Nature" is "pu" and there will be a new code for "being" which is "ck"

Coding and Decoding - 60 Difficulty Wise MCQs with Solutions

Q:10 (2) The words are coded as: Letters are coded as the reverse letter of the second last letter from the right side of the word.

The numbers are coded as the total number of letters in the word multiplied by 2.

Ex- Taxes is coded as v10, v is the reverse letter of e, and the total number of letters in taxes is 5 so the number will be $5 \times 2 = 10$.

Similarly, 'Honours Graduate' is coded as 'g16 i14'.

Solutions of Hard Level Bank Questions

Q:1 (2) The given word is: +74192

The code for the digit/symbol is: + = E, 7 = R, 4 = P, 1 = Q, 9 = C, 2 = A

Condition (iv) is applied, the first letter is the symbol and the last digit is even, both are to be coded as the code for an even digit. So, the code for +74192 is ARPQCA.

Q:2 (4) The given word is: 273458

The code for the digit/symbol is: 2 = A, 7 = R, 3 = S, 4 = P, 5 = D, 8 = B

Condition (iii) is applied, first as well as the last digit is even, both are to be coded as the code for \$. So, the code for 273458 is URSPDU.

Q:3 (3) The given word is: 4219#@

The code for the digit/symbol is: 4 = P, 2 = A, 1 = Q, 9 = C, # = V, @ = L

Condition (ii) is applied, the first digit is even and the last letter is the symbol, both are to be coded as the code for the symbol. So, the code for 4219#@ is LAQCVL.

Q:4 (1) The given word is: 75862 The code for the digit/symbol is : 7 = R, = U, 5 = D, 8 = B, 6 = I, 2 = A

Condition (i) is applied, the first digit is odd and the last digit is even, their codes are to be interchanged. So, the code for 7\$5862 is AUDBIR.

Q:5 (2) The given word is: 3 6#17 The code for the digit/symbol is: 3 = S, = U, 6 = I, # = V, 1 = Q, 7 = R. So, the code for 3\$6#17 is SUIVQR.

(Q:6 - Q:10): Logic The different number codes for all the consonants as per the given condition are,

B-1, C-2, D-3, F-4, G-5, H-6, J-7
K-1, L-2, M-3, N-4, P-5, Q-6, R-7
S-1, T-2, V-3, W-4, X-5, Y-6, Z-7

Step 1: The consonants of the word 'MOST' are to be coded as the number allotted to the consonant:

Coding and Decoding - 60 Difficulty Wise MCQs with Solutions

M O S T
3 O 1 2

Step 2: The numbers immediately preceded and followed by the vowels are to be coded as per the given conditions; So, the code for consonant for word 'MOST' is coded as '3O12', numbers 3 and 1 are immediately preceded and followed respectively by 'O' so, '3' is coded as '#1' and '1' is coded as '@#'.

	M	O	S	T
Step 1:	3	O	1	2
Step 2:	#1	O	@#	2

Step 3: Now the vowels are to be coded as per the given conditions, as 'O' comes after 'M' in the alphabetical series so 'O' is coded as '\$\$'

	M	O	S	T
Step 1:	3	O	1	2
Step 2:	#1	O	@#	2
Step 3:	#1	\$\$	@#	2

So, the final code for the word 'MOST' is '#1\$\$@#2'.

Q:6 (1) 'OTHER' is coded as '\$\$@##1**@#'.

Q:7 (3) 'POST' is coded as '#1\$\$@#2'.

Q:8 (5) 'STEP' is coded as '1#1**@1'.

Q:9 (4) 'BANK' is coded as '#1**@#1'.

Q:10 (2) 'PUZZLE' is coded as '#1\$\$@#7#1**'.

This article has provided you with a valuable resource for honing your grasp over the Coding and Decoding chapter. You have now practiced a carefully categorized collection of practice questions, ranging from easy to moderate to hard difficulty levels. The categorization of questions by difficulty enables strategic preparation, offering you a chance to build a strong foundation and gradually progress towards more challenging problems.

We invite you to share your thoughts and any doubts you may have in the comment section below. Additionally, we encourage you to share your marks scored in the practice questions, as this can be a great way to gauge your progress and learn from your peers. Be assured that KD Live is committed to providing more such blogs, complete with study materials and comprehensive coverage of practice questions from every chapter of the logical reasoning section. Your success is our goal, and we wish you the very best in your upcoming exams!



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