



REASONING



- **BINARY CODING**
- **CONDITIONAL CODING**
- **MATHEMATICAL CODING**
- **ADVANCE CODING**



LIVE | 09:00 AM

By Kuldeep Mahendras



UPCOMING ONLINE BATCHES

October 2022

05 OCT 2022

05:30 PM to 07:30 PM

BANK ONLINE LIVE CLASS

01:00 PM to 03:00 PM

SSC ONLINE LIVE CLASS

BILINGUAL

05 OCT 2022

04:15 PM to 06:15 PM

BANK ONLINE LIVE CLASS

BENGALI+ENGLISH

12 OCT 2022

10:30 AM to 12:30 PM

BANK ONLINE LIVE CLASS

07:30 PM to 09:30 PM

SSC ONLINE LIVE CLASS

BILINGUAL

19 OCT 2022

03:00 PM to 05:00 PM

BANK ONLINE LIVE CLASS

10:30 AM to 12:30 PM

SSC ONLINE LIVE CLASS

BILINGUAL

19 OCT 2022

06:30 PM to 08:30 PM

BANK ONLINE LIVE CLASS

BENGALI+ENGLISH

26 OCT 2022

08:00 AM to 10:00 AM

BANK ONLINE LIVE CLASS

05:30 PM to 07:30 PM

SSC ONLINE LIVE CLASS

BILINGUAL



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🌸 PUJA KUNDU 🌸 ----- 18 hours ago 8 subscribers

20 person total...C (2P) G (3P) A (2P) E I (1P) K (3P) L V (1P) ..THANK YOU SOO MUCH SIR FOR THE AMAZING SESSION 🔥 🙏 🙏 🙏



REPLY



Simran Chauhan 20 hours ago 1 subscribers

Homework answer is

TOTAL 20 PERSONS

C_G__A__E,I_K__L,V

THANK YOU SIR FOR THIS AMAZING SESSION 🙏 🙏 😊



1



REPLY



Niharika Jha 17 hours ago

Thank you sir for the class 😊

Homework done ✅



REPLY



Iaxmipriya das 20 hours ago

Homework Ans:21 persons sitting in a row

Thanku sir for amazing session, God bless you stay always happy....



REPLY



Mohit.. 20 hours ago 1 subscribers

C - - G - - - A - - E I - K - - - L V - .

Yes Sir, this is Arrangement for these people.

100

Thank-you so much, Sir ji.. 😊 🙏



REPLY





Mohit.. 20 hours ago 1 subscribers

Thank-you Sir for this Very Amazing and Wonderful Class Session of today's.. 🙌👍

And
My Answer for today's Homework is-
Total == 20 person are seated...

Read more



REPLY



Nadeem 8 hours ago

🎯 Homework 📁✍️

🔹 Ans :- Total 20 person

🍀 Awesome Session Sir 🙌🍀



REPLY



Atigya Garg 11 hours ago 2 subscribers

Homework ans is :

Total 20 person

Thank you sir ❤️

Awesome session 🙌



1



REPLY



Tanisha p 19 hours ago

Wonderful session sir maja aa gaya 🔥

thank you sir 🙌🙌

HW — total 20



REPLY





🤔 RASHMI SONI 🤔 20 hours ago 31 subscribers

HW ANSWER,,,TOTAL ,,,,20 AMAZING SESSION 👍

👍 🗨️ REPLY ▶️



Surbhi Sinha 17 hours ago

C _ G _ _ A _ _ E _ K _ _ _ LV,,,, THERE ARE Totally 20 person sitting in the row ,, thank you sir 👍 👍 timer Saath speed ho rhi dhree dhree se

👍 🗨️ REPLY ▶️



simran Lalwani 17 hours ago

H. W Answer- total person 20

Tysm sir nice session 👍

👍 🗨️ REPLY ▶️



Rajat Sahu 11 hours ago

Homework ans -20 person

Amazing session sir bahut acha or speed ho raha hey 🙏 🙏

👍 🗨️ REPLY ▶️



Muskan Rai 20 hours ago

answer - C-G--A-EI-K--LV

Total person is 20

thank u sir for wonderfull sessionplease guide me for sbi po .. 🙏 🙏 🙏 🙏

👍 🗨️ REPLY ▶️



Twinklr Gupta 19 hours ago

Mst session sir.. 👍

Hw question is done..and ans is 20 people

👍 🗨️ REPLY ▶️



Shivangi Shivi 20 hours ago [282 subscribers](#)

H.w. answer= total number of person is 20

[REPLY](#)



Shefali Thakur 14 hours ago [4 subscribers](#)

Answer:

C _ _ G _ _ _ A _ _ E I _ K _ _ _ L V _

Total 20 persons

[REPLY](#)



Keka Maiti 19 hours ago

ANSWER - 20 PEOPLE

C _ _ G _ _ _ A _ _ E I _ K _ _ _ L V _

[REPLY](#)



Kajal Singhal 12 hours ago [3 subscribers](#)

20 person solve

C _ _ G _ _ _ A _ _ E I _ K _ _ _ L V _

[REPLY](#)



Neha Singh 7 hours ago

Total 20 person

[REPLY](#)



Neha Singh 7 hours ago

Total 20 person

[REPLY](#)



diksha parihar 19 hours ago

Today's hw answer is-

C _ _ G _ _ _ A _ _ E I _ K _ _ _ L V _

Total 20 person

[REPLY](#)



Anupa Kerketta 20 hours ago

Hw ans 20 persons

C _ _ G _ _ _ A _ _ E I _ K _ _ _ L V _

[REPLY](#)



Mala Sinha 19 hours ago

20

[REPLY](#)



Kajal Singhal 12 hours ago [3 subscribers](#)

Sir kl bhi mera name lena bhool. Jaoge ky 😞😞😞😞

[REPLY](#)



A certain number of persons are sitting in the row. All of them are facing towards north. I sits seventh from the left of V. C sits to the left of A. Only three persons sit between G and A. L sits fourth to the right of K. I sits one of the place between E and K. A sits fourth to the left of I. K is seventh from the right end of the row. Nine persons sit between G and K. There are nine places between C and E. A is eight from the left end. G and I is not neighbor.

एक निश्चित संख्या में व्यक्ति पंक्ति में बैठे हैं। ये सभी उत्तर की ओर मुंह किए हुए हैं। I, V के बाएं से सातवें स्थान पर बैठा हूं। C, A के बाईं ओर है। केवल तीन व्यक्ति G और A के बीच में बैठे हैं। L, K के दाईं ओर चौथा बैठता है। I, E और K के बीच में कहीं एक स्थान पर एक बैठता है। A, I के बाईं ओर चौथे है। पंक्ति के दाएं छोर से K सातवाँ है। नौ व्यक्ति G और K के बीच में बैठते हैं। नौ व्यक्ति C और E के बीच में बैठते हैं। पंक्ति के बाएं छोर से A आठवाँ है। G और I पड़ोसी नहीं हैं।



A certain number of persons are sitting in the row. All of them are facing towards north. I sits seventh from the left of V. C sits to the left of A. Only three persons sit between G and A. L sits fourth to the right of K. I sits one of the place between E and K. A sits fourth to the left of I. K is seventh from the right end of the row. Nine persons sit between G and K. There are nine places between C and E. A is eight from the left end. G and I is not neighbor.



Q.1.How many people can sit in a row?

एक पंक्ति में कितने लोग बैठ सकते हैं?

(1) 14

(2) 18

(3) 23

(4) 15

(5) 20

Q.2.If E sits immediate right of A then how many persons sit between E and L?

यदि E, A के ठीक दायें बैठा है तो E और L के बीच कितने व्यक्ति बैठते हैं?

(1) Five

(2) Six

(3) Four

(4) Eight

(5) None of these



Type of Coding – Decoding:-

- (1) Normal coding**
- (2) Substitution coding**
- (3) Binary coding**
- (4) Mathematical coding**
- (5) Conditional coding**
- (6) Advance coding**

Order of the English Alphabet

Forward order position	Letters	Backward order position
1	A	26
2	B	25
3	C	24
4	D	23
5	E	22
6	F	21
7	G	20
8	H	19
9	I	18
10	J	17
11	K	16
12	L	15
13	M	14

Forward order position	Letters	Backward order position
14	N	13
15	O	12
16	P	11
17	Q	10
18	R	9
19	S	8
20	T	7
21	U	6
22	V	5
23	W	4
24	X	3
25	Y	2
26	Z	1

E J O T Y
5 10 15 20 25

G N U
7 14 21

C F I L O R U X
3 6 9 12 15 18 21 24



Opposite Alphabets:-

A-Z

A to Z

G- T

G.T. Road

B-Y

Boy

H- S

High School

C-X

Crax

I-R

Indian Railway

D-W

Dew

J -Q

Jaipur Queen

E-V

Love

K-P

Kanpur

F-U

Uff

L-O

Love

M-N

Man



In a certain code **VINIT** is coded as **49490**, **HARSHIT** is coded as **8189890**.

How is **SOYA** coded in that code ?

एक निश्चित कोड में VINIT को 49490, HARSHIT को 8189890 के रूप में कोडित किया जाता है। उस कोड में SOYA को कैसे कोडित किया जाता है?

(A)95101

(B)95011

(C) 95110

(D)90511



In a certain code a number **BRAVE** is written as **20**. **COMMAN** is written as **30**, How is **KISHORE** written in that code ?

एक निश्चित कोड में एक संख्या BRAVE को 20 के रूप में लिखा जाता है। COMMAN को 30 के रूप में लिखा जाता है, उस कोड में KISHORE को कैसे लिखा जाता है?

- (A) 85
- (B) 42
- (C) 75
- (D) 40



In a certain code a number **AMAN** is written as **1415** and **BUNTY** is written as **23527**. How is **KAMAL** written in that code ?

एक निश्चित कोड में एक संख्या AMAN को 1415 और BUNTY को 23527 के रूप में लिखा जाता है। उस कोड में KAMAL को कैसे लिखा जाता है?

- (A) 21315
- (B) 21413
- (C) 12132
- (D) 21314



In a certain code **WATSON** is written as **112843** . **JOHN** is written as **1483**,
How is **PONTING** written in that code

एक निश्चित कूट भाषा में **WATSON** को 112843 लिखा जाता है। **JOHN** को 1483 के रूप में लिखा जाता है, उस कोड में **PONTING** को कैसे लिखा जाता है?

(A) 4432937

(B) 5432936

(C) 5342937

(D) 5432937



In a certain code **CARD** is written as **20** . **TEA** is written as **12**, How is **PARENTS** written in that code ?

एक निश्चित कोड में CARD को 20 के रूप में लिखा जाता है। TEA को 12 के रूप में लिखा जाता है, उस कोड में PARENTS को कैसे लिखा जाता है?

(A) 32

(B) 56

(C) 76

(D) 121



In a certain code **WIN** is written as **18**. **SIP** is written as **12**, How is **TOY** written in that code ?

एक निश्चित कोड में WIN को 18 लिखा जाता है। SIP को 12 के रूप में लिखा जाता है, उस कोड में TOY को कैसे लिखा जाता है?

- (A) 5
- (B) 10
- (C) 15
- (D) 20



“focus on economic development” is written as “vl no py su”

“greater growth more development” is written as “wr ea vl om”

“more focus is important” is written as “su ta nx ea”

“economic growth is important” is written as “ta py om nx”

What is the code for 'economic' ? / 'economic' के लिए कूट क्या है

1.Py

2.nx

3.ta

4.su

5.no



“focus on economic development” is written as “vl no py su”

“greater growth more development” is written as “wr ea vl om”

“more focus is important” is written as “su ta nx ea”

“economic growth is important” is written as “ta py om nx”

'su' is the code for which of the following? / 'su' निम्नलिखित में से किसके लिए कूट है?

1.Development

2.focus

3.on

4.important

5.More



“focus on economic development” is written as “vl no py su”

“greater growth more development” is written as “wr ea vl om”

“more focus is important” is written as “su ta nx ea”

“economic growth is important” is written as “ta py om nx”

What is the code for "growth is important"? / "growth is important" के लिए कूट क्या है?

- 1.om ta nx
- 2.wr ta nx
- 3.ea nx py
- 4.om ta py
- 5.Cannot be determined



“focus on economic development” is written as “vl no py su”

“greater growth more development” is written as “wr ea vl om”

“more focus is important” is written as “su ta nx ea”

“economic growth is important” is written as “ta py om nx”

What is the code for 'important'? / 'important' के लिए कूट क्या है?

1.Py

2.nx

3.om

4.ta

5.Cannot be determined



“focus on economic development” is written as “vl no py su”

“greater growth more development” is written as “wr ea vl om”

“more focus is important” is written as “su ta nx ea”

“economic growth is important” is written as “ta py om nx”

What is the code for 'greater'? / 'greater' के लिए कूट क्या है?

1.Ea

2.vl

3.om

4.no

5. wr



Binary coding :-

In a certain code, the symbol for 0 is © and for 1 is @. There are no other symbols for all other numbers greater than 1. The numbers greater than 1 are to be written only by using the two symbols given above. The value of the symbol for 1 doubles itself every time it shifts one place to the left. Study the following examples –

एक निश्चित कोड में, 0 के लिए प्रतीक © है और 1 के लिए @ है। अन्य सभी के लिए कोई अन्य प्रतीक नहीं हैं। 1 से बड़ी संख्याएँ केवल ऊपर दिए गए दो प्रतीक का प्रयोग करके ही लिखी जाती हैं। प्रतीक का value हर बार एक स्थान को पर स्थानांतरित करने पर अपने आप दोगुना हो जाता है। निम्नलिखित उदाहरणों का अध्ययन करें

0 is written as ©

1 is written as @

2 is written as @©

3 is written as @@

4 is written as @©© and so on.....

Q. What is the code for 10? / 10 का कोड क्या है?

(1)@@@@

(2)©©©©

(3)@©@©

(4)@@©©

(5)None of these



Q.1. If $@@@^{\circ}$ would be subtracted in $@@@@@$ then what will be the total of the digits of that resultant ?

यदि $@@@^{\circ}$ को $@@@@@$ में घटाया जाए तो उसके अंकों का परिणामी योग क्या होगा?

- (1) 17
- (2) 12
- (3) 8
- (4) 18
- (5) None of these

Q.2. Which of the following number is written in the form $@^{\circ}@^{\circ}@$ of that code ?

निम्नलिखित में से कौन सी संख्या उस कोड के $@^{\circ}@^{\circ}@$ के रूप में लिखी गई है?

- (1) 12
- (2) 21
- (3) 24
- (4) 36
- (5) None of these



Mathematical coding :-

There are 6 symbols \$,@ ,© , & ,△ , # coded for different number 2 ,3 ,4 ,5 , 6, 7 , but not necessary in the same order. One symbol represent for one number.

अलग-अलग संख्या 2,3,4,5,6,7 के लिए 6 प्रतीक \$,@ ,© , & ,△ , # कोडित हैं, लेकिन आवश्यक नहीं इसी क्रम में हों। एक प्रतीक एक संख्या का प्रतिनिधित्व करता है।

$$© + \# = \Delta$$

$$\text{\$} - \Delta = ©$$

$$\# * © = @$$

$$@ \div © = \#$$

Find the code of symbols from above equation to arrange the numbers in logical order and answer the following questions:-

संख्याओं को तार्किक क्रम में व्यवस्थित करने के लिए उपरोक्त समीकरण से प्रतीकों का कोड खोजें और निम्नलिखित प्रश्नों के उत्तर दें: -



Q.1 If @ * &, than What is the right answer?

यदि @* & से, तो सही उत्तर क्या है?

- (1)18 (2)24 (3)36 (4)55 (5)66

Q.2 If ©©-©, than What is the right answer?

यदि ©©-© से , तो सही उत्तर क्या है?

- (1)20 (2)42 (3)36 (4)25 (5)22

Q.3 If 2*Δ+&-@ , than What is the right answer?

यदि 2*Δ+&-@ , तो सही उत्तर क्या है?

- (1)12 (2)8 (3)11 (4)23 (5)17



Q.Directions : In each question below is given a group of digits followed by four combinations of digits/symbols given in (1), (2), (3) and (4). You have to find out which of the combinations correctly represents the group of digits based on the rules and mark the answer accordingly. If none of the combinations correctly represents the group of letters, mark (5) as your answer.

दिशानिर्देश: नीचे दिए गए प्रत्येक प्रश्न में अंक के समूह को दिया जाता है जिसके बाद (1), (2), (3) और (4) में दिए गए अंकों / प्रतीकों के चार संयोजन होते हैं। आपको यह पता लगाना होगा कि कौन से संयोजन सही नियमों के आधार पर अंकों के समूह का प्रतिनिधित्व करते हैं और तदनुसार उत्तर को चिह्नित करते हैं। यदि संयोजनों में से कोई भी सही ढंग से अक्षरों के समूह का प्रतिनिधित्व नहीं करता है, तो अपने उत्तर के रूप में विकल्प (5) को चिह्नित करें।



(i) If the first digit is odd and last is even, then interchange the codes for both digits.

(ii) If there is a digit which is getting repeated in the given number, then code that digit as the code of 5.

(iii) If the third digit is followed by an even number and is preceded by an odd number, then skip its code.

(iv) If the middle digit is odd then interchange the codes of middle digit and last number.

(v) 0 is neither odd nor even.

(i) यदि पहला अंक विषम और आखिरी अंक सम है, तो दोनों अंकों के कोड आपस में परिवर्तित करें।

(ii) यदि कोई अंक है जो दिए गए संख्या में दोहराया जा रहा है, तो उस कोड को 5 के कोड के रूप में अंकित करें।

(iii) यदि तीसरा अंक के तुरंत बाद सम संख्या और तुरंत पहले एक विषम संख्या है, तो उसके कोड को छोड़ दें।

(iv) यदि मध्यम अंक विषम संख्या है तो मध्यम अंक और अंतिम संख्या के कोडों को आपस में परिवर्तित करें।

(v) 0 न ही विषम न सम संख्या है।

Note - FOLLOW THE RULE FROM 1ST TO LAST ORDER .



Number	0	1	2	3	4	5	6	7	8	9
Code	E	@	L	©	O	#	D	H	!	F

Q. 53678

(1) #©DH!

(2) ©!DH#

(3) !©DH#

(4) !©HD#

(5) None of these

(i) If the first digit is odd and last is even, then interchange the codes for both digits.

(ii) If there is a digit which is getting repeated in the given number, then code that digit as the code of 5.

(iii) If the third digit is followed by an even number and is preceded by an odd number, then skip its code.

(iv) If the middle digit is odd then interchange the codes of middle digit and last number.

(v) 0 is neither odd nor even.



Number	0	1	2	3	4	5	6	7	8	9
Code	E	@	L	©	O	#	D	H	!	F

Q. 12375

(1) @L©H#

(2) @L#H©

(3) @H#L©

(4) @L!H©

(5) None of these

- (i) If the first digit is odd and last is even, then interchange the codes for both digits.**
- (ii) If there is a digit which is getting repeated in the given number, then code that digit as the code of 5.**
- (iii) If the third digit is followed by an even number and is preceded by an odd number, then skip its code.**
- (iv) If the middle digit is odd then interchange the codes of middle digit and last number.**
- (v) 0 is neither odd nor even.**



Road , Medrid ,BASANT ,jOY is written as 8#D , 10%D , 26\$T , 28@Y

Jim, Right, Bull , Maa is written as 25#T, 4%A , 16\$L ,16@M

Resume, Joshi, Bit, Manager is written as 11#E , 25%R , 23\$T , 14@I

What is code for “MARKET” के लिए संभालित कोड क्या होगा?

- (1) 26%T**
- (2) 26#T**
- (3) 25%T**
- (4) 26%M**
- (5) 20%T**



Road , Medrid ,BASANT ,jOY is written as 8#D , 10%D , 26\$T , 28@Y

Jim, Right, Bull , Maa is written as 25#T, 4%A , 16\$L ,16@M

Resume, Joshi, Bit, Manager is written as 11#E , 25%R , 23\$T , 14@I

What is code for “BITTU” के लिए संभालित कोड क्या होगा?

- (1) 26%T**
- (2) 26\$U**
- (3) 25%U**
- (4) 26%U**
- (5) 20%T**