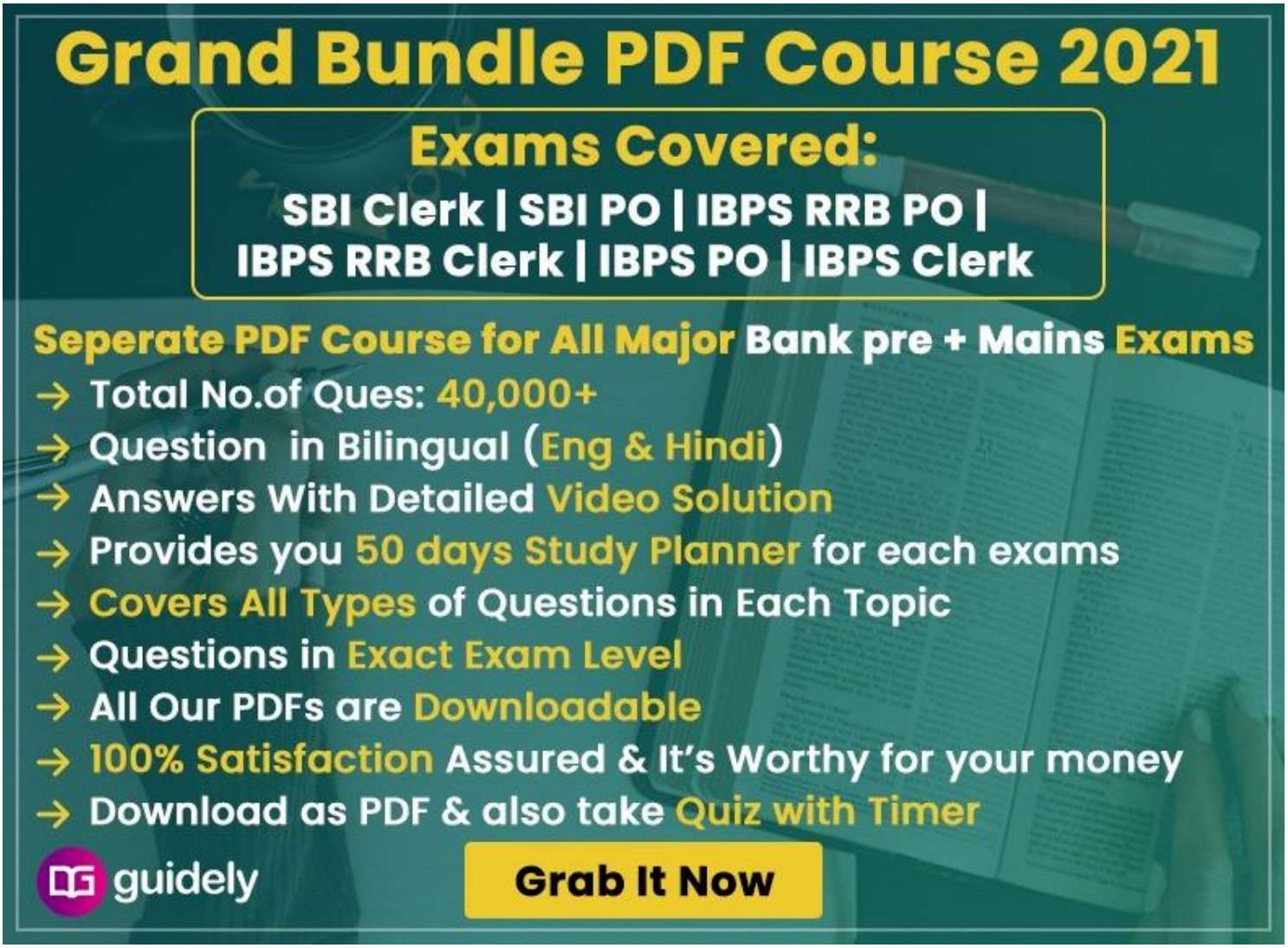
Coding Decoding Practice Questions PDF for Upcoming Mains Exams 2021



Coding Decoding Practice Questions PDF for Upcoming Mains Exams 2021

Based on RRB Clerk Mains Exam

Directions (1-3): Study the following information carefully and answer the below questions.

In a certain code language

'Agriculture is occupation national income' means 'zt lt pz sh vm',

'National income depends Agriculture' means 'sh zt rq vm',

'Economy depends Agriculture production' means 'rq tw zt ad',

'Production is government source' means 'tw ts kg lt'

1) What does "kg" represent in a code language?

a) Government

b) Source

c) is

d) Production

e) Either a or b

2) What is the code for 'Agriculture Production' in the given language?

a) zt tw

b) rq ad

c) zt rq

d) tw ad

e) None of the above

3) If "National economy" represents a code "ad sh" then what does "Income is depends" represent in a code language?

a) tw zt ts

b) sh lt zt

c) vm lt rq

d) pz vm zt

e) None of the above

Based on RRB PO Mains Exam

Directions (4-6): Study the following information carefully and answer the below questions

In a certain code language

'**Fabric Synthetic Natural Woven**' means '**F@9 I#22 G#26 E#37**',

'**Knitted Chiffon Cotton Crepe**' means '**G#15 E#8 F@17 G#17**',

'**Denim Lace Leather Linen**' means '**E#17 D@17 G#30 E#26**',

'**Satin Silk Velvet Wool**' means '**D@35 F@42 D@30 E#33**'

4) What does "Leather" represent in a code language?

a) G#30

b) E#26

c) D@17

d) E#15

e) G#26

5) What is the logic of the alphabet?

a) Counts of total vowels represented alphabet in alphabetical order

b) Counts of total letters represented alphabet in alphabetical order

c) Counts of consonants represented alphabet in alphabetical order

d) Difference between total consonants and Vowels represented alphabet in alphabetical order

e) None of the above

6) What does 'F@42' represent in the given language?

a) Silk

b) Wool

c) Velvet

d) Satin

e) Denim

Based on SBI Clerk Mains Exam

Direction (7-9): Study the following information carefully and answer the questions given below.

Find the logic applied in each step and answer the given questions:

Phrase	Step 1	Step 2	Step 3
TRAVEL CHARITY	SBIWUD XSYPGGB	%15 @22	K
REMAIN NEUTRAL	XFKUHP MVSRPZO	$8 $2	E
GROWTH PLASTIC	TQEJUR KOYQRRX	%2 $13	O
VICTORY BORDER	ERARMIB ABOERU	$3 %20	W

7. What will be the step 1 answer for the phrase "VIOLENCE JOURNEY"?

A.YLROBKZ BQLSPLVB

B.BKZBYLRO VBSPLQL

C.YLROBKZB VBSPLQL

D.BKZBYLRO QLSPLVB

E.None of these

8. What will be the step 3 answer for the phrase "PRIVATE MERGER"?

A.K

B.N

C.L

D.M

E.None of these

9. Which of the following is the step 2 answer of the word "MACARONIC"?

A.@10

B.$10

C.%11

D.$9

E.None of these

Directions (10-13): Study the information carefully answers the questions given below.

α means either hour hand or minute hand is at **7**

∞ means either hour hand or minute hand is at **10**

® means either hour hand or minute hand is at **6**

£ means either hour hand or minute hand is at **9**

Å means either hour hand or minute hand is at **2**

µ means either hour hand or minute hand is at **5**

Note: if two symbols are given then by default second symbol is considered as minute hand and the first symbol is considered as hour hand.

10) If a man leaves from CP to Green park at µ∞. Usually, he takes 30 min to reach Green park, but

that time he reaches 10 min earlier, then at what time he will reach Green park?

A.∞®

B.®Å

C.®£

D.®®

E.None of these

11) A person takes 1 hour 45 minutes to reach the airport from his office and he has to catch the flight that is scheduled to depart at 'Å α' so at what time should he leave from his office for the airport to arrive at the airport at 2 hours earlier the scheduled time?

A.µÅ

B.∞®

C.®µ

D.∞∞

E.None of these

12) If a man leaves from his home to the office at '® £' and he takes 25 minutes to reach his office but in the way his car breakdown due to he has 40 minutes got to waste, at what time he will reach to the office?

A.µ£

B.αÅ

C.α∞

D.Can't be determined

E.None of these

13) The time taken to reach Vanya from the office to her home is 2hrs where she reached home at £®. At what time did she leave her office?

A.%%

B.$%

C.#@

D.α®

E.None of these

Directions (14-16): Study the following information carefully and answer the following questions.

In each of the following questions given below, a group of letters is given followed by four combinations of symbols/digits/letters labeled A, B, C, and D. You have to find out which of the following four combinations correctly represents the group of letters based on the codes and the conditions given below. If none of the options matches choose none of these as your answer.

Letters	A	E	I	O	U
Codes	!	@	#	$	%

And the rest of the letters will be coded as place value of the letters according to the alphabetical series. If the place value of any letter is 2 digit number then subtract the 2 digits within the number (for ex: W= 23 , 3-2=1 , so code for W is 1)

Condition 1: If the sum of the digits in the code of a word is an odd number then 2 is subtracted from each odd digit of the code and 1 is subtracted from each even digit of the code.

Condition 2: If the sum of the digits in the code of a word is an even number then all the even digits will be written on the left side of the code of that word in ascending order.

Condition 3: If there are more than four symbols in the code of a word then each prime digit in the code of that word will be subtracted from 9.

14) What is the code of 'They are going'?

A.28@3 !7@ 7$#37

B.17@1 !5@ 28@3

C.7$#37 !7@ 28@3

D.17@1 !5@ 5$#15

E.None of these

15) What is the code of 'Outbreak'?

A.$%227@!0

B.$%115@!0

C.#$227!@0

D.#$227@!0

E.None of these

16) What is the code of 'All Exams Postponed'?

A.!11 @2!28 5$85$3@4

B.!11 228@! 3$713$1@3

C.!11 228@1 3$73$1@3

D.5$85$3@4 @2!28 @11

E.None of these

Answer With Explanation

Directions (1-3):

Agriculture	zt	Is	Lt
Occupation	pz	National/Income	Sh/vm
Economy	Ad	Depends	Rq
Production	Tw	Government/Source	Ts/kg

1) Answer: E

2) Answer: A

3) Answer: C

Directions (4-6):

Common Explanation

For Alphabet → Total counts of all letters represented alphabet in alphabetical order.

For Number → The sum of the position of first and last letter in alphabetical order.

For Symbol → Total counts of all letters are odd→# Even→@

Fabric	F@9	Synthetic	I#22
Natural	G#26	Woven	E#37
Knitted	G#15	Chiffon	G#17
Cotton	F@17	Crepe	E#8
Denim	E#17	Lace	D@17
Leather	G#30	Linen	E#26
Satin	E#33	Silk	D@30
Velvet	F@42	Wool	D@35

4) Answer: A

5) Answer: B

6) Answer: C

Direction (7-9):

Step 1: For an even number of letters in the word, the third preceding letter of the second half of letters is written first followed by the third succeeding letter of the first half of letters according to the English alphabetical series. For the odd number of letters, the middle three letters are replaced by the second preceding letter and the rest of the letters are replaced by their opposite letter in the English alphabetical series.

Step 2: The symbol $ denotes the odd number of vowels in the word and the symbol % denotes the even number of vowels in the word whereas the symbol @ denotes no vowels in the word. The number denotes the difference between the place value of the first and the last letter of words according to the English alphabetical series.

Step 3: The letter corresponding to the exact middle number which is half of the sum of both the numbers is taken (if the sum of both numbers is even). If the sum of both numbers is odd then there are two middle numbers between the numbers in step 2, then add them and the corresponding letter for that number is taken. For example, 18 and 19 are the middle numbers of 15 and 22. Therefore, 18+19=37-26=11, which is K.

7) Answer: D

Given: VIOLENCE JOURNEY

Step 1: BKZBYLRO QLSPLVB

Hence, option D is correct.

8) Answer: B

Given: PRIVATE MERGER

Step 1: KIGTYGV DBOPHU

Step 2:$11 %17

Step 3: N

Hence, option B is correct.

9) Answer: A

GIVEN: MACARONIC

Step 1: NZXYPMMRX

Step 2:@10

Hence, option A is correct.

10) Answer: B

A man left CP at 'µ∞' means 5.50, he takes 30 min to reach Greenpark, but he reaches 10 min earlier means he reaches Green park at 6.10 means '®Å'.

11) Answer: D

Flight departure time is 'Å α' means 2.35, A person wants to reach the airport 2 hours earlier means he wants to reach the airport at 12.35, and he takes 1 hour 45 minutes to reach the airport means he should leave office 10.50 means '∞∞'.

12) Answer: C

A man left his home at "® £' means 6.45, and he takes 25 minutes to reach the office from his home, also car breakdown time 40 minutes that means he reaches office at 7.50 means 'α∞'.

13) Answer: D

£® i.e. 9:30. Usually, she takes 2 hrs to reach home from the office, therefore she left the office at α®i.e. 7:30.

14) Answer: D

They are going – 28@3 !7@ 7$#37

Sum of the digits in They is odd i.e. 13, Are is odd i.e. 7 and in Going is also odd i.e. 17. So applying condition 1.

They are going- 17@1 !5@ 5$#15

15) Answer: B

OUTBREAK- $%227@!0

The sum of the digits in the word is odd i.e. 11, by applying condition1 the code will be-

OUTBREAK- $%115@!0

16) Answer: B

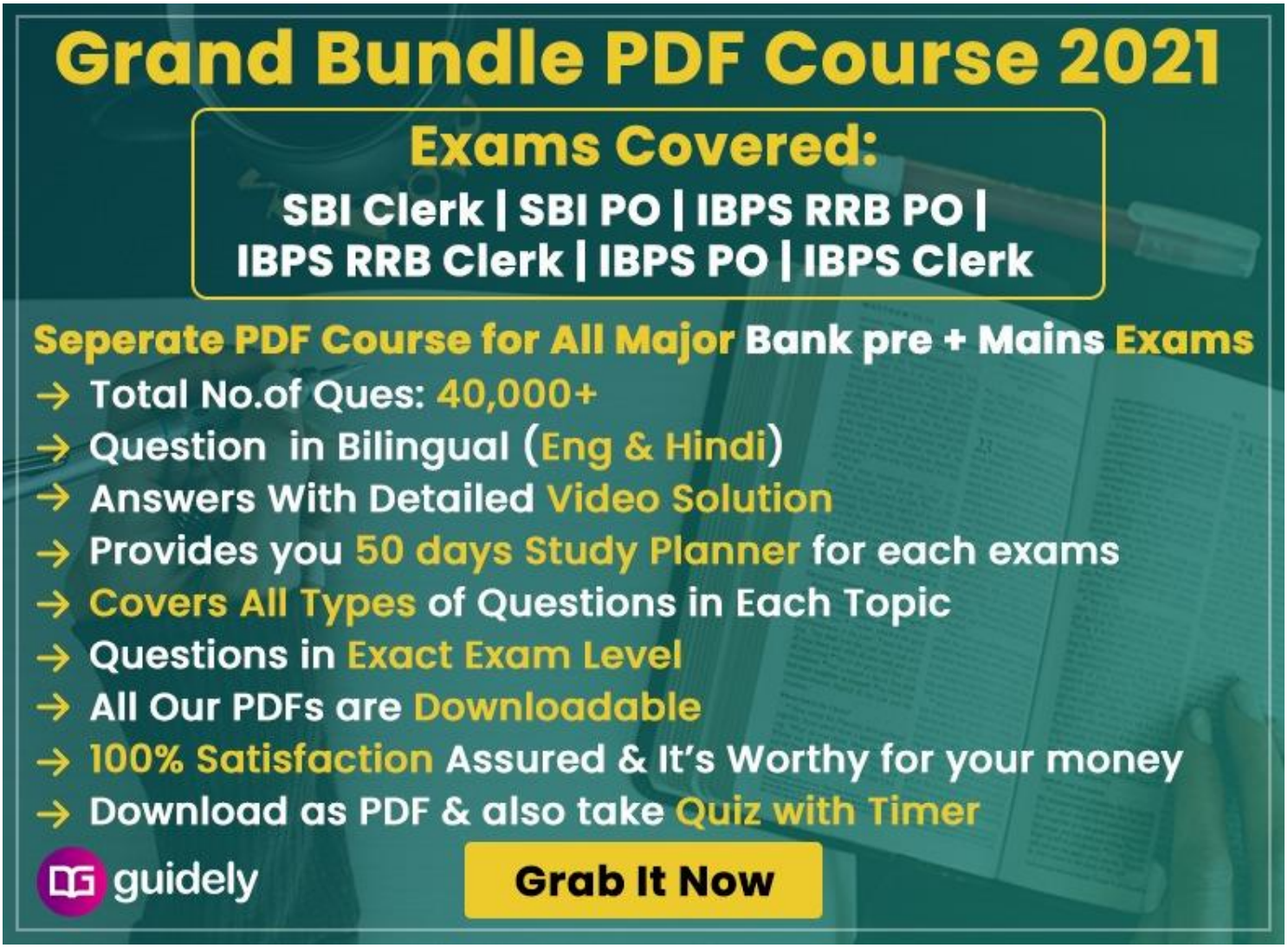
All Exams Postponed- !11 @2!28 5$825$3@4

Sum of digits - in All sum of digits is even i.e. 2, in Exams sum of the digit is even i.e. 12 and in Postponed sum is odd i.e. 27

So we apply condition 1 in the third word and condition 2 in 1st and 2nd word.

The code will be-

All Exams Postponed- !11 228@! 3$713$1@3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