4 CODING - DECODING

For SSC GD and MTS Exams

1. If HOARDING is coded as NGQZHCFM, then how would TREATISE Be coded? **SSS MTS 07/10/2021 (Shift-3)**
   (a) QSSHDZRD
   (b) DQSHSZDR
   (c) SUBFJUET
   (d) QSZDHSDR

2. If 'INHABIT' is coded as '106' and 'JUNCTURE' is coded as '99' , then how Will 'KEYSTONE' be coded? **SSC MTS 08/10/2021 (Shift-1)**
   (a) 153
   (b) 135
   (c) 154
   (d) 145

3. In a certain code language, if BUBBLE is written as FQFXPA, then how Will FALCON be written in the same code Language? **SSC MTS 08/10/2021 (Shift-1)**
   (a) JEPGSR
   (b) BEHGKR
   (c) BWHYKJ
   (d) JWPYSJ

4. If in a coding system HECTARE is Coded as 85321938 and MONARCH is Coded as 4651938. then how will OPINION be coded in the same coding System ? **SSC MTS 08/10/2021 (Shift-1)**
   (a) 6795965
   (b) 4735345
   (c) 7795975
   (d) 6785865

5. In a certain code language if GLAZED is written as EDAZGL, then how Will DAYOUT be written in the same code Language? **SSC MTS 01/10/2021 (Shift-1)**
   (a) UTYODA
   (b) UTDAYO
   (c) TUOYAD
   (d) YADTUO

6. In a certain code language, if EXTRNSIC is written as CIXESNRT, then How will LEFTWING be written in the Same code language? **SSC MTS 12/10/2021 (Shift-1)**
   (a) GNELIWTF
   (b) ELGNTFIW
   (c) GNIWTFEL
   (d) TFELGNIW

7. If in a coding system, OPULENT is coded as 84 and LEARNER is coded as 114, Then how will PHYSICS be coded in the same coding system? **SSC MTS 12/10/2021 (Shift-1)**
   (a) 97
   (b) 88
   (c) 99
   (d) 90

8. In a certain code language, if CONDENSE is written as OCDNNEES, then How will FACILITY be written in the Same code language? **SSC MTS 12/10/2021 (Shift-2)**
   (a) AFYTICIL
   (b) YTILICAF
   (c) AFICILYT
   (d) ICAFYTIL

9. If in a coding system SHELTER is Coded as 6295793 and FISHERY is coded as 8162934, then how will FILTHY be coded in The same coding system? **SSC MTS 12/10/2021 (Shift-2)**
   (a) 815724
   (b) 812457
   (c) 157842
   (d) 581724

10. If on a coding system MUSICAL is coded as 109 and RAISING is coded as 110, Then how will FOURTH be coded in the Same coding system? **SSC MTS 12/10/2021 (Shift-2)**
    (a) 72
    (b) 74
    (c) 70
    (d) 76

11. In a certain code language, if '**GLOBE**' is written as '**HYRIJ**', and '**CODES**' Is written as '**VBGLF**'. How will '**SMART**' be Written in that language?
    (a) WODJV
    (b) VDKWO
    (c) VKDOW
    (d) WDOVJ

12. In a certain code language, if 23 + 49 = 278, and 24 + 51 = 410, then 78 + 61 = ? **SSC MTS 14/10/2021 (Shift-2)**
    (a) 428
    (b) 139
    (c) 842
    (d) 157

13. In a certain code language 'COMFORTS' is written as 'FJPARMWN '.what will Be the code for 'HINDWARE 'in that code language? **SSC MTS 05/08/2019 (Shift-1)**
    (a) KDRYZVUZ
    (b) LERZAWVA
    (c) KDQYZVUZ
    (d) MFSABXWB

14. In a certain code language, 'RIMPY' is written as 'OFJMV'. What will be the code for 'CORPSE' in that code language? **SSC MTS 05/08/2019 (Shift-1)**
    (a) BNQORD
    (b) ZLOMPB
    (c) ZLONPB
    (d) AMPNQC

15. In a certain code language, 'CAP' is written as '20 and 'ROM'is written as 46. What will Be the code for 'RUB' in that code language? **SSC MTS 05/08/2019 (Shift-1)**
    (a) 47
    (b) 41
    (c) 53
    (d) 51

16. In a certain code language, 'MANGO' is written as '93425' and 'GREAT' is written as '28631'. What will Be the code for 'GREEN' in that code language? **SSC MTS 05/08/2019 (Shift-1)**
    (a) 28664
    (b) 28994
    (c) 28661
    (d) 28665

17. In a certain code language, 'ROCKER' is written as 'SNDJFQ'. What will be the code for 'PRIEST' in that code language? **SSC MTS 02/08/2019 (Shift-3)**
    (a) RRKEUT
    (b) SSLFVU
    (c) QQJDTS
    (d) QQJDTU

18. In a certain code language, 'TOPAS' is written as 'WRSDV'. What will Be the code for 'FREIGHT' in that code language? **SSC MTS 02/08/2019 (Shift-3)**
    (a) IVHLJKW
    (b) IUHLJKW
    (c) KWJNLMY
    (d) JVIMKLX

19. In a certain code language 'PAIN' is written As '161914' and 'TYRE' is written as '2025185'. What will be the code for 'LONG' in that code language? **SSC MTS 02/08/2019 (Shift-3)**
    (a) 1215197
    (b) 1215417
    (c) 1215147
    (d) 1215917

20. In a certain code language 'STEALH' is written as 'UXGENL'. What will be the code for 'ROBNRT' in that code language? **SSC MTS 02/08/2019(Shift-2)**
    (a) TSERTX
    (b) TSDRTX
    (c) UTESUY
    (d) UTFSUY

21. In a certain code language 'GREAT' is written as 'ALYUN'. What Will be the code for 'RAPID' in that Language? **SSC MTS 02/08/2019 (Shift-2)**
    (a) RVKDY
    (b) LUJCX
    (c) LVJCX
    (d) SWLEZ

22. In a certain code language 'TAN' is written as '33' and 'PAM' Is written as '28'. What will be the code for 'BUG' in that code language? **SSC MTS 02/08/2019 (Shift-2)**
    (a) 30
    (b) 32
    (c) 29
    (d) 28

23. In a certain code language 'PRINT' is written as '96512' and 'FROM' is written as '8603'. What Will be the code for 'PROMPT' in that Code language?

    SSC MTS 02/08/2019 (Shift-2)
    (a) 960398   (b) 980392
    (c) 960392   (d) 960395

24. In a certain code language 'GROUND' is written as 'BMJPIY'. What will be the code for 'FREAK' In that code language? **SSC MTS 02/08/2019 (Shift-1)**
    (a) BOAYH   (b) AMYVF
    (c) BNAWG   (c) AMZVF

25. In a certain code language 'PING' is written as '4' and 'METAL is written as '5'. What will be tha code for 'STEADYS' In that code language? **SSC MTS 02/08/2019 (Shift-1)**
    (a) 8   (b) 7   (c) 5   (d) 6

26. In a certain code language,'ROK' is written as '44' and 'MIG' is written as '29' What will be the code for 'TAL' in that code language? **SSC MTS 02/08/2019 (Shift-1)**
    (a) 33   (b) 34   (c) 41   (d) 43

27. In a certain code language 'RIGIDS' is written As 'TFIFFP'. What will be the code for   **SSC MTS 02/08/2019 (Shift-1)**
    (a) GNVMIS   (b) FMULHR
    (c) ELTKRQ   (d) ELTKGQ

28. In a code language,'BETTER' is written as 'EBWQHO'. How will 'WORSE' be written in the same language? **SSC MTS 14/10/2021 (Shift-1)**
    (a) ZLOPH   (b) ZLUPH
    (c) ZLOVH   (d) ZLUVH

29. If HONEY is coded as '72' and 'JAGGREY' is coded as '80', then how wil 'SUGAR' be coded? **SSC MTS 14/10/2021 (Shift-1)**
    (a) 76   (b) 71   (c) 73   (d) 67

30. If 'MONEY' is coded as '77' and 'CAPITAL' is coded as '67',then how will 'ASSET' be coded ? **SSC MTS 14/10/2021 (Shift-1)**
    (a) 68   (b) 69   (c) 72   (d) 65

SOLUTIONS

1. (a) H O A R D I N G → N G Q Z H C F M (with -1 shifts)
   T R E A T I S E → Q S Z D H S D R (with -1 shifts)
   So, option (d) is correct.

2. (d) I N H A B I T (opposite) → 18 14 8 26 2 18 20 = 106
   J U N C T U R E → 10 6 14 3 20 6 18 22 = 99
   There are constant value and vowel's opposite value added.
   K E Y S T O N E → 11 22 25 19 20 12 14 22 = 145

3. (d) B U B B L E (+4 -4 +4 -4 +4 -4) → F Q F X P A
   F A L C O N (+4 -4 +4 -4 +4 -4) → J W P Y S J
   So, option (d) is correct.

4. (a) H E C T A R E → 8 5 3 2+0 1 1+8 5 → 8 5 3 2 1 9 5
   M O N A R C H → 1+3 1+5 1+4 1 1+8 3 8 → 4 6 5 1 9 3 8
   So, O P I N I O N → 1+5 1+6 9 1+4 9 1+5 1+4 → 6 7 9 5 9 6 5

5. (a) G L A Z E D → E D A Z G L
   So, D A Y O U T → U T Y O D A

6. (a) E X T R N S I C → C I X E S N R T
   So, L E F T W I N G → G N E L I W T F

7. (b) O P U L E N T → L K F O V M G
   12 + 11 + 6 + 15 + 22 + 13 + 7 = 86 – 2 = 84
   L E A R N E R → O V Z I M V I
   15 + 22 + 26 + 9 + 13 + 22 + 9 = 116 – 2 = 114
   So, P H Y S I C S → K S B H R X H
   11 + 19 + 2 + 8 + 18 + 24 + 8 = 90 – 2 = 88

8. (c) C O N D E N S E → O C D N N E E S
   So, F A C I L I T Y → A F I C I L Y T

9. (a) S H E L T E R → 6 2 9 5 7 9 3
   F I S H E R Y → 8 1 6 2 9 3 4
   So, F I L T H Y → 8 1 5 7 2 4

10. (a) M U S I C A L →opposite
↓ ↓ ↓ ↓ ↓ ↓ ↓
N F H R X Z O
14 + 6 + 8 + 18 + 24 + 26 + 15 = 111 – 2 = 109

R A I S I N G
↓ ↓ ↓ ↓ ↓ ↓ ↓
I Z R H R M T
9 + 26 + 18 + 8 + 18 + 13 + 20 = 112 – 2 = 110

So, F O U R T H
↓ ↓ ↓ ↓ ↓ ↓
U L F I G S
21 12 6 9 7 19 = 74 – 2 = 72

11. (a) $G_{(+3)}$ $L_{(-3)}$ $O_{(+3)}$ $B_{(-3)}$ $E_{(+3)}$
H Y R I J

So, $S_{(+3)}$ $M_{(-3)}$ $A_{(+3)}$ $R_{(-3)}$ $T_{(+3)}$
W O D J V

12. (c) 2 3 + 4 9 = 278   So, 7 8 + 6 1 = 842
× 27   × 8
× 8   × 42

13. (c) C O M F O R T S
+3 –5 +3 –3 +3 –3 +3 –5
F J P A R M W N

So, H I N O W A R E
+3 –5 +3 –5 +3 –5 +3 –5
K D Q Y Z V U Z

14. (b) R I M P Y
–3 –3 –3 –3 –3
O F J M U

So, C O R P S E
–3 –3 –3 –3 –3
Z L O M P B

15. (b) C A P   R O M   So, R U B
3 + 1 + 16 = 20   18 + 15 + 13 = 46   18 + 21 + 2 = 41

16. (a) M A (N) G O (G) (R) (E) A T
↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
9 3 (4) 2 5 (2) (8) (6) 3 1

So, G R E E N
↓ ↓ ↓ ↓ ↓
2 8 6 6 4

17. (c) R O C K E R
+1 –1 +1 –1 +1 –1
S N D J F Q

So, P R I E S T
+1 –1 +1 –1 +1 –1
Q Q J D T S

18. (b) T O P A S
+3 +3 +3 +3 +3
W R S D V

So, F R E I G H T
+3 +3 +3 +3 +3 +3 +3
I U H L J K W

19. (c) P A I N   So, L O N G
↓ ↓ ↓ ↓   ↓ ↓ ↓ ↓
16 19 1 4 = 161914   12 15 14 7 ⇒ 121547

20. (b) S T E A L H
+2 +4 +2 +4 +2 +4
U X G E N L

R O B N R T
+2 +4 +2 +4 +2 +4
T S D R T X

21. (b) G R E A T   So, R A P I D
–6 –6 –6 –6 –6   –6 –6 –6 –6 –6
A L Y U N   L U J C X

22. (d) T A N   P A N
↓ ↓ ↓   ↓ ↓ ↓
20 + 1 + 14 = 35 – 2 = 33   16 + 1 + 13 = 30 – 2 = 28

So, B U G
↓ ↓ ↓
2 + 21 + 7 = 30 – 2 = 28

23. (c) P R I N T , F R O M   So, ⇒ P R O M P T
9 6 5 1 2   8 6 0 3   ↓ ↓ ↓ ↓ ↓ ↓
9 6 0 3 9 2

24. (d) G R O U N D
–5 –5 –5 –5 –5 –5
B M J P I Y

So, F R E A K
–5 –5 –5 –5 –5
A M Z V F

25. (b) P I N G   M E T A L   , So S T E A D Y S
1, 2, 3, 4 = 4   1, 2, 3, 4, 5 = 5   1, 2, 3, 4, 5, 6, 7 ⇒ 7

26. (a) R O K   , M I G
↓ ↓ ↓   ↓ ↓ ↓
18 + 15 + 11 = 44   13 + 9 + 7 = 29

So, T A L
↓ ↓ ↓
20 + 1 + 12 = 33

27. (d) R I G I D S
+2 –3 +2 –3 +2 –3
T F I F F P

So, C O R N E T
+2 –3 +2 –3 +2 –3
E L T G G Q

28. (b) B E T T E R
+3 –3 +3 –3 +3 –3
E B W Q H O

So, W O R S E
+3 –3 +3 –3 +3
Z L U P H

29. (b) H¹ O² N³ E⁴ Y⁵
↓ ↓ ↓ ↓ ↓
8 + 15 + 14 + 5 + 25 = 67
+ 5
‾‾‾‾
72

So, $\underset{1}{S}\ \underset{2}{U}\ \underset{3}{G}\ \underset{4}{A}\ \underset{5}{R}$

$19 + 21 + 7 + 1 + 18 = 66 + 5$
$= 71$

30. (b) M O N E Y

$13 + 15 + 14 + 5 + 25 = 72 + 5$
$= 77$

C A P I T A T

$3 + 1 + 16 + 9 + 20 + 1 + 12 = 62 + 5$
$= 67$

So, A S S E T

$1 + 19 + 19 + 5 + 20 = 64 + 5$
$= 69$

EXERCISE 4B

For SSC CHSL Exam

1. In a certain code language, 'GOLD' is written as 'HPME', and 'FAKE' is written as 'GBLF'. How will 'SOAP' be written in that language?
   SSC CHSL 25/05/2022 (Shift-3)
   (a) TPQB　(b) TBPQ　(c) PTBQ　(d) TPBQ

2. In a certain code language'FLEECE' is written as 'EFCLEE' and 'OVERCOAT' is written as 'TOAVOECR', how will MITTEN' be written in that language?
   SSC CHSL 25/05/2022 (Shift-3)
   (a) NMIETT　(b) NMEITT　(c) NMETIT　(d) NEMITT

3. In a certain code language 'COMPUTER' is written as 'RETUCOMP' And 'LAPTOP' is written as 'POTLAP' How will 'BOTTLE' be written in that language?
   SSC CHSL 25/05/2022 (Shift-3)
   (a) ELTBOT
   (c) ETLBOT
   (b) ELTBTO
   (c) ELTTOB

4. In a certain code language "AN" is coded As "16", and "NO" is coded as "212", How will 'US' be coded in that language? **SSC CHSL 27/05/2022 (Shift-2)**
   (a) 403　(b) 397　(c) 401　(d) 399

5. In a certain code language, 'PUNCH' is written as 'IDOVQ' and 'CRACK' is written as 'LDBSD'. How will 'BREAK' be written in that language? **SSC CHSL 27/05/2022 (Shift-2)**
   (a) LBFSC
   (c) LCDTD
   (b) CSFBL
   (d) CTEBL

6. In a certain code language, 'MATHS' is written as '13320819' and 'HINDI' is written as '82714427'. How will 'PHYSICS' be written in that language?
   SSC CHSL 27/05/2022 (Shift-1)
   (a) 168251928319
   (c) 168251937319
   (b) 168251923319
   (d) 168251927319

7. In a certain code language, 'TRAIN' is written as 'WUDLQ' and 'ROAD' is written as 'URDG'. How will 'TAXI' be written in that language? **SSC CHSL 27/05/2022 (Shift-1)**
   (a) WDAL
   (c) WDBL
   (b) WEAL
   (d) WFAL

8. In a certain code language, 'BASKET' is coded as '211911520' and 'BOX' is coded as '21524'. How will 'COVER' be coded in that language?
   SSC CHSL 27/05/2022 (Shift-1)
   (a) 31522519
   (c) 21522519
   (b) 31522518
   (d) 31822518

9. In a certain code language, 'DUCK' is written as 'FSEI' and 'FISH' is written as 'HGUF'. How will 'FROG' be written in that language? **SSC CHSL 26/05/2022 (Shift-3)**
   (a) HEPQ
   (c) HPEQ
   (b) HQPE
   (d) HPQE

10. In a certain code language, 'WAVE' is coded as '426522' and 'SOUND' is coded as '81261323'. How will 'LIGHT' be coded in that language?
    SSC CHSL 26/05/2022 (Shift-3)
    (a) 131820197
    (c) 151820166
    (b) 151820197
    (d) 151880197

11. In a certain code language, VIRTUE is written as XCBYAN. How will MODEST be written in that language?
    SSC CHSL 09/08/2021 (Shift-3)
    (a) IJNYYS　(b) JISYNY　(c) INYJYS　(d) JISNYY

12. In a certain code language, HIGHER is written as JIIHSF. How will CODING be written in that language?
    SSC CHSL 09/08/2021 (Shift-2)
    (a) PDJEHO
    (c) FOHEND
    (b) OHJEPD
    (d) PDEJOK

13. In a certain code language, 'SOAP' is written as '55' and 'FRY' is written as '52'. How will 'CLAN' be written in that language? **SSC CHSL 09/08/2021 (Shift-2)**
    (a) 34　(b) 44　(c) 30　(d) 60

14. In a certain code language, **'GLOBE'** is written as **'HYRIJ'** and **'CODES'** is written as **'VBGLF'**. How will **'SMART'** be written in that language?
    SSC CHSL 09/08/2021 (Shift-2)
    (a) WODJV
    (c) VKDOW
    (b) VDKWO
    (d) WDOVJ

15. In a certain code language, **'YEARS'** is written as **'AERSY'**. How will **'SPRING'** be written in that language?
    SSC CHSL 09/08/2021 (Shift-2)
    (a) GINPRS
    (c) GINRPS
    (b) INSRGP
    (d) NIRSGP

16. In a certain code language, CHECK is written as 6165622 and SURGE is written as 382136145. How will PRIEST be written as in that language?
    SSC CHSL 09/08/2021 (Shift-2)
    (a) 3436953640
    (c) 3236185384
    (b) 3236953840
    (d) 1618953840

17. In a certain code language, HUSBAND is written as ABDHNSU. How will HOUSEWIFE be written in that language? **SSC CHSL 09/08/2021 (Shift-1)**
    (a) EFIWESUOH
    (c) EEFHIOSUW
    (b) EHEFOIUWS
    (d) ESEFUOIWH

18. If in a code language, ORGAN is coded as 17141518 and FINGER is coded as 56791418, then how will you code NECK? **SSC CHSL 09/08/2021 (Shift-1)**
    (a) 113497
    (c) 351114
    (b) 248741
    (d) 532761

19. In a certain code language, 'FOSTER' is coded as '61219202218' and 'CARGO' is coded as '32618712'. How will 'MARRIAGE' be coded in that language? **SSC CHSL 06/08/2021 (Shift-3)**

    (a) 132618180926705   (b) 132618181826722
    (c) 140118181801722   (d) 132609091826705

20. In a certain code language, MAGIC is written as NZTRX. How will LAYER be written in that language? **SSC CHSL 06/08/2021 (Shift-3)**

    (a) OZBVH   (b) NZBVQ   (c) OZBVI   (d) PZPVI

21. In a certain code language, HIMACHAL is written as LAHCAMIH. How will MAGNETIC be written as in that language? **SSC CHSL 15/10/2020 (Shift-1)**

    (a) GAMNECIT   (b) ETICNGAM
    (c) CIETNGAM   (d) CITENGAM

22. In a certain code language, TIFFIN is coded as 67 and BOX is coded as 44. How will CARDBOARD be coded as in that language? **SSC CHSL 15/10/2020 (Shift-1)**

    (a) 69   (b) 66   (c) 67   (d) 64

23. In a certain code language, 'STYLE' is written as '181924114'. How would 'FIRST' be written in the same code language? **SSC CHSL 14/10/2020 (Shift-3)**

    (a) 69181920   (b) 58171820
    (c) 58181920   (d) 58171819

24. In a certain code language, TIGER is written as ROEIP. How will LION be written as in that language? **SSC CHSL 14/10/2020 (Shift-3)**

    (a) JOUL   (b) JOIL   (c) JOUR   (d) JOMR

25. If O = 20, LIT = 46, how will PIG be coded using the same code language? **SSC CHSL 14/10/2020 (Shift-1)**

    (a) 41   (b) 53   (c) 46   (d) 37

26. In a certain code language, IF is written as 225 and BUT is written as 1849. How will SLIP be written as in that language? **SSC CHSL 13/10/2020 (Shift-3)**

    (a) 3136   (b) 1336   (c) 6313   (d) 3163

27. In a certain code language KNOWLEDGE is written as DEEGKLNOW. How will SERIAL be written as in the same language? **SSC CHSL 13/10/2020 (Shift-3)**

    (a) AEIRS   (b) AEIRM
    (c) AEIRM   (d) AEILRS

28. In a certain code language 'BEAUTY' is written as 'ZUVBFC'. How will 'MARTYR' be written as in that language? **SSC CHSL 13/10/2020 (Shift-2)**

    (a) SZUSBN   (b) TXURBN
    (c) SYUSDM   (d) SZUQDN

29. In a certain code language 'REQUIRE' is coded as '100'. How will 'ARRANGE' be coded as in that language? **SSC CHSL 13/10/2020 (Shift-2)**
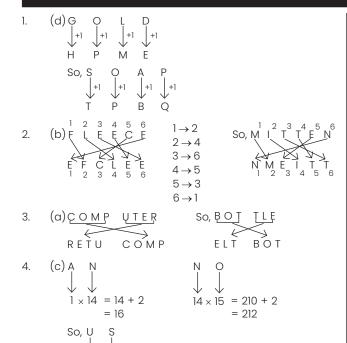
    (a) 68   (b) 88
    (c) 77   (d) 71

30. In a certain code language, 'SECTION' is written as 'PHZQLRK'. How will 'HOSTELS" be written as in that language? **SSC CHSL 13/10/2020 (Shift-1)**

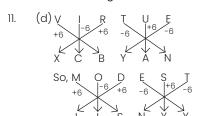   (a) ERPRGIP   (b) EQPSHIP
    (c) ERPQHIP   (d) FSPPQHIQ

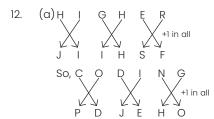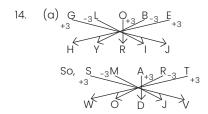## SOLTUIONS

1. (d)

2. (b)

3. (a)

4. (c)

5. (a)

6. (d)

7. (a)

8. (b)

9. (d)

10. (b)

11. (d) V I R T U E
+6 −6 +6 −6 +6 −6
X C B Y A N

So, M O D E S T
+6 −6 +6 −6 +6 −6
J I S N Y Y

12. (a) H I G H E R
+1 in all
J I I H S F

So, C O D I N G
+1 in all
P D J E H O

13. (a) S¹ O² A³ P⁴
↓ ↓ ↓ ↓
19 + 15 + 1 + 16 = 51 + 4
= 55

So, C¹ L² A³ N⁴
↓ ↓ ↓ ↓
3 + 12 + 1 + 14 = 30 + 4
= 34

14. (a) G −3 L O +3 B −3 E
+3   +3   +3
H Y R I J

So, S −3 M A +3 R −3 T
+3   +3   +3
W O D J V

15. (a) Y E A R S
A E R S Y

So, S P R I N G
G I N P R S

16. (b) C H E C K
↓ ↓ ↓ ↓ ↓
3 8 5 3 11
2× ×2 ↓ ×2 ×2
6 16 5 6 22
(Vowel is same)

So, P R I E S T
↓ ↓ ↓ ↓ ↓ ↓
16 18 9 5 19 20
2× ×2 ↓ ↓ ×2 ×2
32 36 9 5 38 40

17. (c) HUSBAND → ABDHNSU,
⌣
Alphabatical order

So, HOUSEWIFE
↓
EEFHIOSUW

18. (c) O R G A N
↓ ↓ ↓ ↓ ↓
15 18 7 1 14
⌣
Inceasing order
17 14 15 18

So, N E C K
↓ ↓ ↓ ↓
14 5 3 11 ⇒ 3 5 11 14

19. (b) F O S T E R
↓ ↓op. ↓ ↓ ↓opp. ↓
6 12 19 20 22 18
Vowel → opposite

So, M A R R I A G E
↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
13 26 18 18 18 26 7 22

20. (c) M A G I C   All
↓ ↓ ↓ ↓ ↓   → opposite
N Z T R X

So, L A Y E R
↓ ↓ ↓ ↓ ↓
O Z B V I

21. (d) H I M A C H A L → L A H C A M I H
So, M A G N E T I C → C I T E N G A M

22. (a) T I F F I N
↓ ↓ ↓ ↓ ↓ ↓
20 + 9 + 6 + 6 + 9 + 14 = 64 + 3 = 67

So, C A R D B O A R D
↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
3 + 1 + 18 + 4 + 2 + 15 + 1 + 18 + 4 = 66 + 3 = 69

23. (d) S T Y L E
−1 −1 −1 −1 −1
18 19 24 11 4

So, F I R S T
−1 −1 −1 −1 −1
5 8 17 18 19

24. (a) T I G E R
−2 ↓Next vowel −2 ↓Next vowel −2
R O E I P

So, L I O N
−2 ↓Next vowel ↓ −2
J O U L

25. (d) O → 15 + 5 = 20,   LIT → 12 + 9 + 20 = 41 + 5 = 46
So, PIG → 16 + 9 + 7 = 32 + 5 = 37

26. (a) IF = 9 + 6 = 15 → 15² = 225, BUT = 2 + 21 + 20 = 43²
= 1849
So, SLIP = 19 + 12 + 9 + 16 = 56 → 56² = 3136

27. (d) KNOWLEDGE → DEEGKLNOW (Alphabeticaly order)
So, SERIAL → AEILRS

28. (a) B E A U T Y
+ 1 In all
Z U V B F C

So, M A R T Y R
+ 1 In all
S Z U S B N

29. (d) R E Q U I R E
[18 + 5 + 17 + 21 + 9 + 18 + 5] + 7 = 100
So, A R R A N G E
[1 + 18 + 18 + 1 + 14 + 7 + 5] + 7 = 71

30. (c) S E C T I O N
−3 +3 −3 −3 +3 +3 −3
P H Z Q L R K

So, H O S T E L S
−3 +3 −3 −3 +3 −3 −3
E R P Q H I P

EXERCISE 4C

For SSC CGL and CPO Exams

1. In a certain code language, 'FLASK' is written as 'IPFYR'. How will 'TOURS' be written in that language?

SSC CGL 13/04/2022 (Shift-2)

(a) WSZXZ   (b) WSYYZ   (c) WTZXZ   (d) WRZXY

2. In a certain code language, 'first of all' is written as 'kan dan san', 'who is first' is written as 'zan kan ven', and 'this is pale' is written as 'ven gen len'. How will 'who' be written in that language?

SSC CGL 13/04/2022 (Shift-2)

(a) zan   (b) yen   (c) kan   (d) gen

3. In a certain code language, 'ONION' is coded as 201 and 'POTATO' is coded as 261. How will 'MANGO' be coded in that language? **SSC CGL 13/04/2022 (Shift-2)**

(a) 208   (b) 178   (c) 150   (d) 228

4. In a certain code language, 'FOREST' is written as 'GUSITU', and 'MANGROVE' is written as 'NEOHSUWI'. How will 'REINCARNATE' be written in that language?

SSC CGL 13/04/2022 (Shift-1)

(a) SIOODESOEUI   (b) SFOFDESOBUI
(c) QIOQDESOEUF   (d) SIOODESOEFF

5. In a certain code language, 'POTATO' is coded as 32 - 30 - 40 - 2 - 40 - 30 and 'TURNIP' is coded as 40 - 42 - 36 - 28 - 18 - 32. How will 'RADISH' be coded in that language? **SSC CGL 13/04/2022 (Shift-1)**

(a) 36-1-4-19-16-15   (b) 18-2-4-19-18-20
(c) 18-1-8-38-18-16   (d) 36-2-8-18-38-16

6. In a certain code language, 'SALT' is coded as '16', and 'PICKLE' is coded as '36'. How will 'PRESERVATIVE' be coded in that language? **SSC CGL 12/04/2022 (Shift-3)**

(a) 144   (b) 88   (c) 72   (d) 96

7. In a certain code language, 'take this vaccine' is written as '892', 'vaccine protects us' is written as '263', and 'take us safe' is written as '593'. How will 'safe vaccine' be written in that language?

SSC CGL 12/04/2022 (Shift-3)

(a) 85   (b) 25   (c) 23   (d) 26

8. In a certain code language, 'DURABLES' is written as "BSVETFMC". How will 'FEASIBLE' be written in that language? **SSC CGL 12/04/2022 (Shift-3)**

(a) TBFFGMJC   (b) TDFGFNCJ
(c) TBGHFMDJ   (d) TBFGFMCJ

9. In a certain code language, 'PARK' is coded as '3749', and 'RACE' is coded as '4762'. How will 'CARE' be coded in that language? **SSC CGL 12/04/2022 (Shift-2)**

(a) 6724   (b) 7642
(c) 7624   (d) 6742

10. In a certain code language, 'TANKER' is written as 'VCPMGT', how will 'SOCRATES' be written in that language? **SSC CGL 12/04/2022 (Shift-2)**

(a) UQETCVGU   (b) UQETCWGU
(c) UQFTCVHU   (d) UQGTCVHU

11. In a certain code language, 'VIRTUE" is written as 'DBZBNX'. How will 'OMINOUS' be written in that language?

SSC CGL 18/08/2021 (Shift-3)

(a) HBUVHNA   (b) HUBVHNA
(c) IBUHABM   (d) IUBHMBA

12. In a certain code language, 'REFUSAL' is coded as '2101239103' and 'POETRY' is coded as '1067927'. How will 'PROFIT' be coded in that language?

SSC CGL 18/08/2021 (Shift-3)

(a) 18216972   (b) 12186792   (c) 21671829   (d) 81217629

13. In a certain code language, 'NOSTALGIA' is coded as '81'. How will 'FRICTION' be coded in that language?

SSC CGL 18/08/2021 (Shift-2)

(a) 85   (b) 105   (c) 36   (d) 64

14. In a certain code language, 'SURROUND' is written as 'RRUSDNUO'. How will 'MITIGATE' be written in that language? **SSC CGL 18/08/2021 (Shift-2)**

(a) ITIMETAG   (b) ITIEMTAG   (c) ITIMETGA   (d) TIIMTEAG

15. In a certain code language, 'YOU TOOK MY PLACE IN' is written as 'COU POON LC QVAKE IJ'. How will 'COMPILE' be written in that language? **SSC CGL 18/08/2021 (Shift-1)**

(a) KOLQIME   (b) KOLQIVE   (c) KOLTYLE   (d) YOLTILE

16. In a certain code language, 'FORENSIC' is coded as '61218221419183' and' DORM' is coded as '4121813'. How will 'CARAMEL' be coded in that language?

SSC CGL 18/08/2021 (Shift-1)

(a) 3011801132212   (b) 3260926130512
(c) 3261826142212   (d) 3261826132212

17. In a certain code language, 'PLIGHT' is written as 'JMQUIH'. How will 'CANDLE' be written in that language?

SSC CGL 17/08/2021 (Shift-3)

(a) OBDFEM   (b) BODMFE   (c) ODBFME   (d) OBDFME

18. In a certain code language, 'PERMIT' is written as 'GRNIVK'. How will 'CONDUCE' be written in that language?

SSC CGL 17/08/2021 (Shift-2)

(a) VXFWMLX   (b) XLMWFXV   (c) VXFMWLX   (d) VFXMWXL

19. In a certain code language 'PAYMENT' is coded as '6101814111520' and 'JUSTIFY' is coded as '11141519151620'. How will 'COMPARE' be coded in that language?

SSC CGL 17/08/2021 (Shift-2)

(a) 601811031131   (b) 680113111103
(c) 613101113801   (d) 681013101113

20. In a certain code language, 'REASON' is coded as '5410219' and 'HEALTHY' is coded as '716231216'. How will 'DIVULGE' be coded in that language?

SSC CGL 17/08/2021 (Shift-1)

(a) 10733494   (b) 21435438
(c) 13704349   (d) 24134383

21. In a code language, 'DOUBLE' is written as 'VPEFMC'. How will 'CLIQUE' be written in that language?

SSC CPO 24/11/2020 (Shift-3)

(a) JMDFVS   (b) KNDFVR   (c) JMDGVQ   (d) JMDFVR

22. In a code language 'EAGER' is written as 'BXJBU' and 'MARKS' is written as 'PXNUV'. How will 'LOCUTS' be written in that language? **SSC CPO 24/11/2020 (Shift-3)**

(a) ORFXVW   (b) OLGRBW   (c) ILZRPQ   (d) OLFRVW

23. In a code language, if 'my personal use' is written as '169', 'personal things' is written as '29', then which phrase would the code '569' represent in this language?

SSC CPO 24/11/2020 (Shift-3)

(a) these personal things   (b) my these things
(c) my personal things   (d) my personal use

24. Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

VOWEL : ZPAFP :: FRICK: ?　　**SSC CPO 24/11/2020 (Shift-1)**
(a) JVJGO　(b) OGMVH　(c) JVMGO　(d) JVGOK

25. In a code language, 'OBESITY' is written as 'EBOHYTI'. How will 'FIXTURE' be written in that language?

SSC CPO 24/11/2020 (Shift-1)
(a) IFYGERU　(b) XIFGERU　(c) XIFMERU　(d) XIFGEUS

26. In a code language, if 'I like chocolates' is written as '958', 'we bought chocolates' is written as '153', and 'we like them' is written as '816', then how would 'I bought them' be written in this language?

SSC CPO 24/11/2020 (Shift-1)
(a) 936　(b) 951　(c) 859　(d) 251

27. In a code language, 'BLOCK' is written as '31316412'. How will 'SUPREME' be written in that language?

SSC CPO 24/11/2020 (Shift-1)
(a) 202217196146　(b) 192217196156
(c) 202317206146　(d) 192116185605

28. In a code language, 'PLUM' is written as 'KQOMFVNN'. How will 'BIG' be written in that language?

SSC CPO 24/11/2020 (Shift-1)
(a) YCRJTH　(b) CYTJGT　(c) YCRKTM　(d) XCSJTH

29. In a certain language, 'NECTAR' is written as 'DFOSBU'. How will 'CARPET' be written as in that language?

SSC CGL 06/03/2020 (Shift-3)
(a) DBSQGR　(b) SBDUFQ
(c) BDSSUG　(d) SBDVFR

30. In a certain code language, 'BLINK' is coded as '78' and 'PURSE' is coded as '54'. How will 'FIRST' be coded as in that language?　**SSC CGL 06/03/2020 (Shift-3)**
(a) 71　(b) 64　(c) 76　(d) 54

SOLUTIONS

1. (a)

2. (a)

3. (c)

4. (a)

5. (d)

6. (a)

7. (b)

8. (d)

9. (d)

10. (a)

11. (b) Vowels → -7, Consonants → +8

12. (b) REFUSAL → AEFLRSU (Alphabetically order)
PROFIT → FIOPRT (Alphabetically order)

So, F(6) I(9) O(15) P(16) R(18) T(20)
↓×2 ↓×2 ↓(1+5) ↓(1+6) ↓(1+8) ↓(2+0) ⇒ 12186792
12 18 6 7 9 2

13. (d) N O S T A L G I A ⇒ 9^2 = 81
     1 2 3 4 5 6 7 8 9

    So, F R I C T I O N ⇒ 8^2 = 64
        1 2 3 4 5 6 7 8

14. (a) S U R R O U N D   So, M I T I G A T E
        R R U S D N U O   I T I M E T A G

15. (b) Y O U   T O O K   M Y   P L A C E   I N
        ↓   ↓   ↓   ↓   ↓
        C O U   P O O N   L C   Q V A K E   I J

    So, COMPILE → KOLQIVE

16. (d) In vowels → opposite value
    F O R E N S I C
    ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
    6 12 18 22 14 19 18 3

    So, C A R A M E L
        ↓ ↓ ↓ ↓ ↓ ↓ ↓
        3 26 18 26 13 22 12

17. (d) P L I G H T   So, C A N D L E
        +1 in all   +1 in all
        J M Q U I H   O B D F M E

18. (a) P E R M I T   So, C O N D U C E
        opposite
        G R N I V K   V X F W M L X

19. (d) PAYMENT —Alphabatically→ AEMNPTY
    A   E   M   N   P   T   Y
    +5 +5 +5 ↓   -5 -5 -5
    6   10 18 14 11 15 20

    So, JFUSTIFY → FIJSTUY
    F   I   J   S   T   U   Y
    +5 +5 +5 ↓   -5 -5 -5
    11 14 15 19 15 16 20

    So, COMPARE → ACEMOPR
    A   C   E   M   O   P   R
    +5 +5 +5 ↓   -5 -5 -5
    6   8   10 13 10 11 13

20. (b) Vowel → A E I O U
               1 2 3 4 5
    R   E   A   S   O   N
    18   19   14
    ↓1+8 ↓ ↓ ↓1+9 ↓ ↓1+4
    9   2   1   10 4   5

    H   E   A   L   T   H   Y
    ↓×2 ↓ ↓ ↓1+2 ↓2+0 ↓×2 ↓2+5
    16 2   1   3   2   16 7

    Reverse order = 5 4 10 12 9
    Reverse order = 7 16 2 3 12 16

    So, D   I   V   U   L   G   E
        ↓×2 ↓ ↓2+2 ↓1+2 ↓ ↓×2 ↓
        8   3   4   5   3   14 2

    Reverse order = 2 14 3 5 4 3 8

21. (d) D O U B L E   So, C L I Q U E
        +1 in all   +1 in all
        V P E F M C   J M D F V R

22. (d) E   A   G   E   R   So, L   O   C   U   S   T
        -3 -3 +3 -3 +3   +3 -3 +3 -3 +3 +3
        B   X   J   B   U   O   L   F   R   V   W
    Vowel → -3   Consonant → +3

23. (b) My [personal] /use\ → 5 [2] /1\
        /Use\ these (things) → /1\ 6 (9)
        [personal] (things) → [2] (9)
        569 → my these things

24. (a) V   O   W   E   L   So, F   R   I   C   K
        +4 +1 +4 +1 +4   +4 +4 +1 +4 +4
        Z   P   A   F   P   J   V   J   G   O
    Vowel → +1   Consonant → +4

25. (b) O B E S I T Y   So, F I X T U R E
        E B O H Y T I   X I F G E R U
        ↓ opposite   ↓ opposite

26. (a) I (Like) [chocolates] → 9 [5] (8)
        /We\ bought [chocolates] → /1\ [5] 3
        /We\ (like) them → (8) /1\ 6
        I bought them → 9 3 6

27. (a) B   L   O   C   K
        +1 +1 +1 +1 +1
        3   13 16 4   12

    So, S   U   P   R   E   M   E
        +1 +1 +1 +1 +1 +1 +1
        20 22 17 19 6   14 6

28. (a)   P   L
        opposite↙ ↘+1   opposite↙ ↘+1
        K   Q   O   M

             U   M
        opposite↙ ↘+1   opposite↙ ↘+1
        F   V   N   N

    So,   B   I   G
        opposite↙ ↘+1   opposite↙ ↘+1   opposite↙ ↘+1
        Y   C   R   J   T   H

29. (b) N E C T A R   So, C A R P E T
        +1 in all   +1 in all
        D F O S B U   S B D U F Q

30. (d) B   L   I   N   K   Consonants are opposite
        ↓   ↓   ↓   ↓   ↓   value Vowel as same value
        25 + 15 + 9 + 13 + 16 = 78

    So, F   I   R   S   T
        ↓   ↓   ↓   ↓   ↓
        21 + 9 + 9 + 8 + 7 = 54