

REASONING

CODING - DECODING

PDF 2 : 100 MCQs + Answer Key

AB / UB / SI Level | Bilingual: English + Assamese Roman

■ INSTRUCTIONS / NIRDESH

- Total Questions: 100 | Each correct answer: 1 mark
- No negative marking (unless specified in exam)
- Time suggested: 60 minutes for full practice
- Answer Key given at the end
- *Assamese Roman: 100 ta question ache, har gotata 1 mark, answer key shesh-ot diya ache.*

■ SECTION 1: Letter / Alphabet Shift Coding

Q1. If CAT is coded as FDW, what is the code for DOG?

- (a) GRJ
- (b) HQI
- (c) FPH
- (d) GQI

Q2. If BALL is coded as CBMM, what is the code for WALL?

- (a) XBMM
- (b) WCMM
- (c) XBLL
- (d) WBMM

Q3. If MANGO is coded as NBNHP, find the code for APPLE.

- (a) BQQMF
- (b) BQQLE
- (c) CRRME
- (d) BQPMF

Q4. If ROSE is coded as TQUG, what letter shift is used?

- (a) +1
- (b) +2
- (c) +3
- (d) +4

Q5. If TIGER is coded as UJHFS, what is the code for LION?

- (a) MJPO
- (b) LJNO
- (c) MIPO
- (d) MKPO

Q6. If WATER is coded as YDWHU, find the shift.

- (a) +3
- (b) +4
- (c) +2
- (d) +5

Q7. CAR is coded as FDU (+3). What word gives code HLT?

- (a) EIQ
- (b) FJR

- (c) EJQ
- (d) FIQ

Q8. If BOOK is coded as DQQM, what is the code for READ?

- (a) TGCF
- (b) SFCE
- (c) TGCE
- (d) SGCF

Q9. PENCIL is coded by shifting each letter +2. Find code for PAPER.

- (a) RCRGT
- (b) RCPGT
- (c) RCRET
- (d) RCRFT

Q10. If DELHI is coded as CDKGH, the shift is:

- (a) -1
- (b) -2
- (c) +1
- (d) +2

Q11. If INDIA is coded as LQGLD, what is the shift?

- (a) +2
- (b) +3
- (c) +4
- (d) +1

Q12. SIMPLE is coded as VLPSOH (+3). Code for HAPPY:

- (a) KDSSB
- (b) KDSSC
- (c) KCSSB
- (d) KDSSZ

Q13. If TRAIN is coded as WUDLQ, what is PLANE coded as?

- (a) SODQH
- (b) SODQI
- (c) SQDOH
- (d) SPEDH

Q14. CLOCK coded as FORFN. What is TABLE?

- (a) WDEOH
- (b) WDFOH
- (c) VDEOH
- (d) XDEOH

Q15. If MUSIC is coded as NVTJD, find the code for DANCE.

- (a) EBODDF
- (b) EBODF
- (c) DBODF
- (d) EBNCF

Q16. If GOOD is coded as HPPE, then BAD is coded as:

- (a) CBE
- (b) CAE
- (c) CBF
- (d) DAE

Q17. COME is coded as FRPH. What is BACK coded as?

- (a) EDFN
- (b) EDNF
- (c) ECFM
- (d) FDGN

Q18. If STAR is coded as UVCT, the shift applied is:

- (a) +2
- (b) +3
- (c) +1
- (d) +4

Q19. GREAT coded as ITTCV. Shift?

- (a) +2
- (b) +1
- (c) +3
- (d) +4

Q20. If COLD is coded as DPME, then HEAT is coded as:

- (a) IFBU
- (b) IFBV
- (c) IGBU
- (d) JGBU

Q21. If PAINT is coded as RCKPV (+2), what is BRUSH?

- (a) DTWUJ
- (b) DSWUJ
- (c) DTVUJ
- (d) ETWUJ

Q22. RIVER coded as SJWFS. Code for OCEAN?

- (a) PDFBO
- (b) PCFBO
- (c) ODFBO
- (d) PDFBP

Q23. If FORCE is coded as IPUGH (+3), decode CQHM:

- (a) ZNEJ
- (b) ZNEO
- (c) YNDK
- (d) ZNEK

Q24. If KING coded as NKPI (+3). What word is coded as ORZH?

- (a) LOVE
- (b) LONE
- (c) LORE
- (d) LOSE

Q25. If GOLD is coded as DLIA (-3), code for IRON:

- (a) FOLI
- (b) FOLK
- (c) FOLP
- (d) FOLN

■ SECTION 2: Number Coding

Q26. If A=1, B=2...Z=26, what is the code for CAT?

- (a) 3-1-20
- (b) 4-2-21
- (c) 3-2-19
- (d) 2-1-20

Q27. If A=26, B=25...Z=1 (reverse), code for DOG:

- (a) 23-12-20
- (b) 22-11-20
- (c) 23-15-19
- (d) 22-12-20

Q28. If A=1, B=2... what is 16-15-12-9-3-5?

- (a) POLICE
- (b) POLITE
- (c) POLIKE
- (d) POLISE

Q29. CODE = 3-15-4-5. What is RING?

- (a) 18-9-14-7
- (b) 17-8-13-6
- (c) 19-10-15-8
- (d) 18-10-14-7

Q30. If A=2, B=4, C=6 (position × 2), code for ACE:

- (a) 2-6-10
- (b) 1-3-5
- (c) 2-4-6
- (d) 4-6-10

Q31. A=1, B=2... Find word for 13-1-14-7-15:

- (a) MANGO
- (b) MANGE
- (c) MANGU
- (d) MANGO

Q32. If MOON = 13-15-15-14, what is NOON?

- (a) 14-15-15-14
- (b) 13-14-14-15
- (c) 15-15-15-14
- (d) 14-14-15-15

Q33. A=1...Z=26. What is ASSAM?

- (a) 1-19-19-1-13
- (b) 1-18-18-1-12
- (c) 2-19-19-1-13
- (d) 1-19-18-1-13

Q34. In a code, each letter = its position + 5. Code for A:

- (a) 6
- (b) 5
- (c) 7
- (d) 4

Q35. If KING = 11-9-14-7, decode 16-15-12-9-3-5:

- (a) POLICE
- (b) POLITE
- (c) POLACE
- (d) POLICI

Q36. A=1... What is the value of EXAM?

- (a) $5+24+1+13=43$
- (b) $4+23+1+12=40$
- (c) $5+24+1+13=43$
- (d) $6+25+2+14=47$

Q37. If Z=1, Y=2...A=26, code for MAN:

- (a) 14-14-13
- (b) 14-26-13
- (c) 13-14-26
- (d) 14-13-26

Q38. REASON = 18-5-1-19-15-14. What is 1-19-19-1-13?

- (a) ASSAM
- (b) ASSAN
- (c) ASSEM
- (d) ASSAM

Q39. A=1...Z=26. If CODE + WORD = ?, find sum of letter values of LUCK:

- (a) 47
- (b) 48
- (c) 49
- (d) 46

Q40. If letter value of RICE = $18+9+3+5 = 35$, find value of GOLD:

- (a) $7+15+12+4=38$
- (b) $7+14+12+4=37$
- (c) $8+15+12+4=39$
- (d) $7+15+11+4=37$

Q41. In number coding, if 5-14-7 = ENG, what is 1-19-19-1-13?

- (a) ASSAM
- (b) ASNAM
- (c) ASSIM
- (d) ASSUM

Q42. A=1...Z=26. Decode: 16-15-12-9-3-5 is POLICE. Find 19-9:

- (a) SI
- (b) SH
- (c) TI
- (d) SJ

Q43. If FIRE = 6+9+18+5 = 38, find WATER:

- (a) 67
- (b) 68
- (c) 66
- (d) 69

Q44. A=1...Z=26. What is the position sum of EXAM?

- (a) 43
- (b) 44
- (c) 42
- (d) 45

Q45. In reverse coding Z=1, what is the value of A?

- (a) 26
- (b) 1
- (c) 25
- (d) 27

Q46. If J=10, what is the code for EJOTY under A=1 system?

- (a) 5-10-15-20-25
- (b) 4-9-14-19-24
- (c) 6-11-16-21-26
- (d) 5-10-15-20-24

Q47. If 8-5-12-12-15 = HELLO, what word is 23-15-18-12-4?

- (a) WORLD
- (b) WORDS
- (c) WOULD
- (d) WORST

Q48. A=1...Z=26. MAN + BOY = ? (sum of all letter values)

- (a) $13+1+14 + 2+15+25 = 70$
- (b) $13+1+14 + 2+15+25 = 70$
- (c) $12+1+14+1+15+25=68$
- (d) $13+1+14+2+15+25=71$

Q49. If code uses position $\times 3$: A=3, B=6... code for DOG?

- (a) 12-45-21
- (b) 12-45-21
- (c) 12-42-21
- (d) 13-45-21

Q50. Decode 16-15-12-9-3-5 using A=1 system:

- (a) POLICE
- (b) POLISE
- (c) POLITE

(d) POLIKE

■ SECTION 3: Reverse / Mirror Coding

Q51. In mirror coding ($A \leftrightarrow Z$), what is the code for ACE?

- (a) ZXV
- (b) YXV
- (c) ZYV
- (d) ZXU

Q52. If $A \leftrightarrow Z$, $B \leftrightarrow Y$... what is COLD coded as?

- (a) XLOW
- (b) XLOZ
- (c) YLOW
- (d) XLNW

Q53. In reverse coding, original + coded position = ?

- (a) 27
- (b) 26
- (c) 28
- (d) 25

Q54. If MANGO is reverse coded, $M(13) \rightarrow N(14)$? No — mirror: $M \leftrightarrow N$. Code for MANGO?

- (a) NZMTL
- (b) NZMSL
- (c) MZMTL
- (d) OZMTL

Q55. Reverse code of Z is:

- (a) A
- (b) B
- (c) Z
- (d) Y

Q56. If KING is mirror coded ($A \leftrightarrow Z$), result is:

- (a) PRMT
- (b) QRMT
- (c) PRNM
- (d) PRNS

Q57. In reverse alphabet, what is the code for INDIA?

- (a) RMWRZ
- (b) RNWRZ
- (c) RMVRZ
- (d) RMWRY

Q58. If reverse code of LEAD is OVZW, decode SLOW:

- (a) HOLD
- (b) HOLE
- (c) HOLS
- (d) HOLT

Q59. Mirror code: E + mirror of E = 27. Mirror of E (pos 5) is:

- (a) V (pos 22)
- (b) U (pos 21)
- (c) W (pos 23)
- (d) T (pos 20)

Q60. In a code where A=Z, B=Y, C=X... what is ASSAM?

- (a) ZHHZN
- (b) ZHHAN
- (c) ZHHZM
- (d) YHHZN

Q61. Reverse code for POLICE (A↔Z):

- (a) KLORZV
- (b) KLORYV
- (c) KLORXV
- (d) KLORZW

Q62. If reverse coded STOP = HGLK, what is SLOW?

- (a) HOLD
- (b) HOLE
- (c) HOLA
- (d) HOLZ

Q63. In mirror coding, what pair sums to 27? Pick the WRONG one:

- (a) A+Z=27
- (b) M+N=27
- (c) E+V=27
- (d) G+U=27 (G=7,U=21,sum=28)

Q64. If HARD is reverse coded, H(8)→S(19). H+S = 27. Code for EASY:

- (a) VZHB
- (b) VZHB
- (c) VZIB
- (d) WZHB

Q65. Mirror code of BRAVE:

- (a) YIZEV
- (b) YIZEV
- (c) YIZFW
- (d) XIZEV

■ SECTION 4: Word / Sentence Coding

Q66. 'ra ja ta' = 'sky is blue'. 'ra ma ta' = 'sky is red'. What is 'ja'?

- (a) blue
- (b) sky
- (c) red
- (d) is

Q67. 'si ri' = 'good morning', 'ri na' = 'morning walk'. What is 'ri'?

- (a) morning
- (b) good
- (c) walk
- (d) nice

Q68. 'ka la' = 'play chess', 'la ma' = 'chess game'. What is 'la'?

- (a) chess
- (b) play
- (c) game
- (d) fun

Q69. 'pa qa' = 'cold water', 'qa ra' = 'water bottle'. 'pa' means:

- (a) cold
- (b) water
- (c) bottle
- (d) hot

Q70. 'ni pi qi' = 'Assam is beautiful', 'pi ri si' = 'is it true'. 'pi' means:

- (a) is
- (b) Assam
- (c) beautiful
- (d) true

Q71. 'ab cd ef' = 'police is strict', 'cd gh ij' = 'is it right'. 'cd' means:

- (a) is
- (b) police
- (c) strict
- (d) right

Q72. 'ta na ra' = 'fun to play', 'na sa pa' = 'play and win'. 'na' means:

- (a) play
- (b) fun
- (c) win
- (d) to

Q73. 'xi yi' = 'hard work', 'yi zi' = 'work pays'. What is 'zi'?

- (a) pays
- (b) work
- (c) hard
- (d) earn

Q74. 'la ma na' = 'tea is hot', 'ma pa qa' = 'hot coffee nice'. What is 'ma'?

- (a) hot
- (b) is
- (c) tea
- (d) nice

Q75. 'a b c' = 'red blue green', 'b d e' = 'blue pink white'. 'b' means:

- (a) blue
- (b) red
- (c) green
- (d) pink

Q76. 'ko lo mo' = 'Guwahati is capital', 'lo no po' = 'capital of Assam'. 'lo' means:

- (a) capital
- (b) Guwahati
- (c) is
- (d) Assam

Q77. 'ja ka' = 'fast run', 'la ka' = 'fast swim', 'ja ma' = 'run track'. 'ja' means:

- (a) run
- (b) fast
- (c) swim
- (d) track

Q78. 'p q r' = 'rice dal fish', 'q s t' = 'dal roti sabji'. 'q' is:

- (a) dal
- (b) rice
- (c) fish
- (d) roti

Q79. 'aa bb cc' = 'cat eats fish', 'bb dd ee' = 'dog eats meat'. 'bb' means:

- (a) eats
- (b) cat
- (c) fish
- (d) dog

Q80. 'x1 y1 z1' = 'sun is bright', 'y1 a1 b1' = 'moon is dim'. 'y1' means:

- (a) is
- (b) sun
- (c) bright
- (d) moon

■ SECTION 5: Mixed & Hard (SI Level)

Q81. Odd-position letters +1, even-position -1. Code for LUCK?

- (a) MUKJ
- (b) MVKJ
- (c) MUJJ
- (d) MUKK

Q82. Odd +2, even -2. Code for BRAVE?

- (a) DZCVG
- (b) DZBVG
- (c) DZCUG
- (d) EZCVG

Q83. Each letter coded by letter 3 ahead, then word reversed. Code for ACE?

- (a) HFD
- (b) GFD
- (c) HFE
- (d) HGD

Q84. Letters swap in pairs (1↔2, 3↔4...). Code for STAR?

- (a) TSAR
- (b) TSAR
- (c) TSAR
- (d) TSAR

Q85. In a code: A=2,B=3,C=4...Z=27. Code for POLICE?

- (a) 17-16-13-10-4-6
- (b) 16-15-12-9-3-5
- (c) 17-16-13-10-4-6
- (d) 18-17-14-11-5-7

Q86. Each letter replaced by its position, then digits reversed. Code for AB?

- (a) 1-2
- (b) 2-1
- (c) 10-20
- (d) 01-02

Q87. If first half of word is shifted +1 and second half -1, code for FOUR (4 letters)?

- (a) GPTP
- (b) GPUQ
- (c) GPTQ
- (d) HPUQ

Q88. Reverse word, then shift each +1. Code for CAT?

- (a) UBD
- (b) TBD
- (c) UBC
- (d) VBD

Q89. Consonants coded A=1..., vowels replaced by *. Code for MANGO?

- (a) M*NG*
- (b) *M*NG
- (c) MNG**
- (d) M*N*G

Q90. If letters at positions 1,3,5 are shifted +3 and positions 2,4,6 are shifted -3, code for POLICE (6 letters)?

- (a) SLIKZB
- (b) SLHKZB
- (c) SLIKZA
- (d) TLIKZB

Q91. In Assam Police exam 2022, Coding-Decoding had how many questions typically?

- (a) 3-6
- (b) 1-2
- (c) 8-10
- (d) 10-12

Q92. EJOTY rule: What is the position of O?

- (a) 15
- (b) 14
- (c) 16

(d) 13

Q93. If $A+Z=27$, what is $M + ? = 27$

- (a) N
- (b) M
- (c) O
- (d) L

Q94. In reverse coding, what is the mirror of K (position 11)?

- (a) P (16)
- (b) O (15)
- (c) Q (17)
- (d) N (14)

Q95. If GUWAHATI is coded with +1 shift: $G \rightarrow H$, $U \rightarrow V$... first 4 letters of code?

- (a) HVXB
- (b) HVWB
- (c) HVXA
- (d) HWXB

Q96. Coding rule: each letter replaced by the letter that comes 2 before it ($A \rightarrow Y$, $B \rightarrow Z$, $C \rightarrow A$...). Code for CAT?

- (a) AYR
- (b) AZR
- (c) AYS
- (d) BYR

Q97. If ASSAM POLICE = coded words, and 'ASSAM' = 1-19-19-1-13, what is total?

- (a) 53
- (b) 52
- (c) 54
- (d) 51

Q98. Pattern: each letter coded as $(\text{position})^2 \bmod 10$. $A=1$, $B=4$, $C=9$, $D=6$, $E=5$. Code for BADE?

- (a) 4-1-6-5
- (b) 4-1-4-5
- (c) 4-1-6-4
- (d) 3-1-6-5

Q99. Which type of coding is MOST common in Assam Police exams?

- (a) Letter shift coding
- (b) Symbol coding
- (c) Word coding
- (d) Number coding

Q100. Final Q: In Assam Police SI 2023, if REASON coded as 18-5-1-19-15-14, code for LOGIC:

- (a) 12-15-7-9-3
- (b) 11-15-7-9-3
- (c) 12-14-7-9-3
- (d) 12-15-6-9-3

■ ANSWER KEY — CODING DECODING (100 MCQs)

Assamese Roman: Ei answer key-khon check kori nijor score janibo.

Q. No	Ans	Q. No	Ans	Q. No	Ans	Q. No	Ans	Q. No	Ans
1	A	21	A	41	A	61	A	81	A
2	A	22	A	42	A	62	A	82	A
3	A	23	A	43	A	63	D	83	A
4	B	24	C	44	A	64	A	84	A
5	A	25	A	45	A	65	A	85	A
6	B	26	A	46	A	66	A	86	D
7	A	27	A	47	A	67	A	87	C
8	A	28	A	48	A	68	A	88	A
9	A	29	A	49	A	69	A	89	A
10	A	30	A	50	A	70	A	90	A
11	B	31	A	51	A	71	A	91	A
12	A	32	A	52	A	72	A	92	A
13	A	33	A	53	A	73	A	93	A
14	A	34	A	54	A	74	A	94	A
15	B	35	A	55	A	75	A	95	A
16	A	36	A	56	A	76	A	96	A
17	A	37	A	57	A	77	A	97	A
18	A	38	A	58	A	78	A	98	A
19	A	39	A	59	A	79	A	99	A
20	A	40	A	60	A	80	A	100	A

■ SCORE CARD / APUNAR SCORE

Score Range	Performance	Next Step
85 – 100	■ Excellent	Ready for SI level!
70 – 84	■ Good	Revise mixed types
55 – 69	■ Average	Redo sections 1 & 2
Below 55	■ Needs Work	Go back to PDF 1 basics

■ Best of Luck for your Assam Police Exam!

Akou chapter-r PDF-r jonyo ready thakibi! Next: Mathematics / GK / English