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SSC & RAILWAY

GENERAL INTELLIGENCE & REASONING VOL-1





HIGHLIGHTS

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Preface

Dear Aspirants,

It is with great enthusiasm that I present to you our latest publication, **General Intelligence and Reasoning**, designed exclusively for **SSC and Railway exam aspirants**. General Intelligence and Reasoning is a crucial section in competitive exams, demanding not only logical thinking but also quick decision-making under pressure. This book aims to simplify your preparation and help you excel in this vital area.

The content of this book has been thoughtfully structured to cater to the needs of aspirants at all levels. It includes a thorough collection of previous years' questions to familiarize you with exam patterns, alongside a wide variety of practice questions to enhance your problem-solving abilities. Each question has been selected with care and is accompanied by clear, concise solutions to ensure you grasp the concepts effectively.

At Jayakrishnan EduTips, our goal has always been to empower students with quality resources and guidance. This book is a testament to our commitment to your success. Whether you are revisiting basics or fine-tuning your skills, this book will serve as a reliable companion throughout your preparation journey.

I am confident that this book will equip you with the knowledge and confidence needed to excel in your upcoming exams. Wishing you all the best in your preparation and a bright future ahead.

Warm regards,

Jayakrishnan Ramachandran

Director, Jayakrishnan EduTips



GENERAL INTELLIGENCE & REASONING-1



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Alphabet Series

The Alphabet Series is a crucial part of the Reasoning section in various competitive exams like Bank, SSC and others. These questions test a candidate's ability to observe patterns and their logical reasoning skills. Here's an overview of the different types of Alphabet Series questions:

Simple Alphabet Series: These are the most basic type where the sequence progresses in a straightforward manner by increasing or decreasing alphabets.

Example:

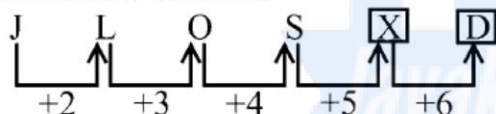
Find the next two terms in the series.

J, L, O, S, ?, ?

- (A) Y, B (B) X, Z
(C) X, D (D) A, B

Answer: (C)

The series is as follows.



Alphabet Series with a Pattern: This series has a certain pattern or rule that it follows. For example, every second letter could be constant while the other one increases, such as, AC, BE, DG...

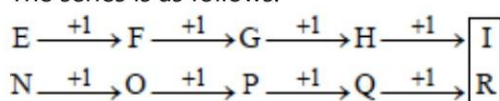
Find the next letter pair in following series.

EN, FO, GP, HQ, ?

- (A) IV (B) IR
(C) TC (D) RZ

Answer: (B)

The series is as follows.



Repeating Alphabet Series: This type of series involves a group of alphabets repeating in a certain order. For example, ABC, ABC, ABC,...

Select the appropriate combination of letters that when sequentially placed in the gaps of the given letter series will complete the series.

_vwv_uuv_vwuu_w

- (A) uvwu (B) uvvw
(C) uwwu (D) vwuv

Answer: (B)

The given letter series is: vwv_uuv_vwuu_w

The letters in the letter series in the order of letter group

uvw, wvu, uvw, wvu, wvu

Hence option (b) 'uvw' is correct

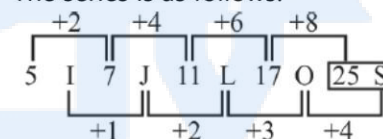
Mixed Alphabet Series: These questions have a mix of alphabets and numbers, and you have to identify the pattern among them. For example, A1B, C2D, E3F... Select the missing term from the given series.

5I, 7J, 11L, 17O, ?

- (A) 25Y (B) 18C
(C) 29P (D) 25S

Answer: (D)

The series is as follows.



Hence ? = 25S

Summary of Key Concepts and Formulas:

- There are no specific formulas for Alphabet Series problems, however, remembering the alphabetical order and their corresponding numerical positions (A=1, B=2, C=3, ... Z=26) can be very helpful.
- EJOTY is a mnemonic technique used for remembering the numerical positions of letters. It assists in remembering every fifth letter of the alphabet, such as:
E = 5, J = 10, O = 15, T = 20, Y = 25

Exercise

1. Select the letter-pair that can replace the question mark (?) in the following series.
AR, CU, EX, GA, ?
(A) JE (B) ID
(C) IF (D) KF
2. From the following options, select the letter pair that will replace the following question mark (?).
KP, HM, EJ, BG, ?
(A) XC (B) YD
(C) ZE (D) YC
3. Select the letter-cluster that can replace the question mark (?) in the following series.
RAP, SCS, TEV, UGY, ?
(A) VJB (B) WJC
(C) VIB (D) WJB
4. Select the letter-cluster that can replace the question mark (?) in the following series.
MRT, TYA, AFH, HMO, ?
(A) PUV (B) PUU
(C) OTV (D) OTU
5. Select the letter-cluster that can replace the question mark (?) in the following series.
RAB, TDG, VGL, ?, ZMV
(A) XJQ (B) YLR
(C) XKQ (D) YKR
6. Select the letter pair from the given options that will replace the question mark (?) in the following series.
MR, NU, OX, PA, ?
(A) RE (B) QC
(C) RC (D) QD
7. Select the letter-pair that can replace the question mark (?) in the following series.
RJ, XP, DV, JB, ?
(A) QH (B) PI
(C) QJ (D) PH
8. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
AMD, CLF, EKH, ?, IIL
(A) GJL (B) HJJ
(C) HJK (D) GJJ
9. Select the letter-pair that can replace the question mark (?) in the following series.
RD, XJ, DP, JV, ?
(A) QC (B) PB
(C) PC (D) QB
10. Select the letter-pair that can replace the question mark (?) in the following series.
JL, GJ, DH, AF, ?
(A) YD (B) XC
(C) YC (D) XD
11. Select the Letter Cluster that can replace the question mark (?) in the following series.
ROB, URE, XUH, ?, DAN
(A) BYL (B) AYK
(C) AXK (D) BXL
12. Select the letter-pair that can replace the question mark (?) in the following series.
MOND, RUUL, WABT, BGIB, ?
(A) GMPJ (B) HNPS
(C) HNQJ (D) GMQJ
13. Which letter will come in place of the question mark (?) in the following series?
FLO, H?Q, JPS, LRU
(A) P (B) M
(C) N (D) I
14. Which of the following letter cluster will replace the question mark (?) to complete the given series?
PTX, AEI, LPT, ?
(A) XAE (B) WZE
(C) XAD (D) WAE

15. Select the letter Cluster that can replace the question mark (?) in the following series.
QKR, UOV, YSZ, CWD, ?
(A) GAH (B) FZG
(C) GAI (D) FBH
16. Select the letter Cluster that can replace the question mark (?) in the following series.
MIJ, PLM, SOP, VRS, ?
(A) HGF (B) JHG
(C) UVU (D) YUV
17. Select the letter cluster that will come next in the following series.
DOP, FPN, HQL, JRJ, ?
(A) LSH (B) LSI
(C) KSH (D) KTI
18. Which letter-pair will replace the question mark (?) in the following series?
BE, DG, FK, HQ, ?
(A) JY (B) JX
(C) JS (D) YJ
19. Which letter-pair will replace the question mark (?) in the following series?
KH, ?, QN, WT, EB
(A) NJ (B) MJ
(C) LN (D) MK
20. Which letter-pair will replace the question mark (?) in the following series?
JG, LI, ?, VS, DA
(A) PM (B) QM
(C) PQ (D) OR
21. Which letter-pair will replace the question mark (?) in the following series?
EI, GK, ?, KO, MQ
(A) IL (B) KM
(C) IM (D) JK
22. Which letter-pair will replace the question mark (?) in the following series?
FJ, HL, ?, LP, NR
(A) JM (B) JN
(C) GM (D) IN
23. Which of the following letter cluster will come in place of the question mark (?) to complete the given series?
KUCJ, NRFG, QOID, ?
(A) ULKA (B) TLLA
(C) TKLB (D) ULLA
24. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
A, B, D, G, ?
(A) K (B) J
(C) L (D) I
25. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
VWR, TUP, RSN, ?
(A) PLQ (B) PQL
(C) LPQ (D) PRM
26. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
B, D, H, N, ?
(A) T (B) U
(C) V (D) W
27. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
AAA, BCD, CEG, ?
(A) DGI (B) DFI
(C) DGJ (D) DJG
28. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
R, M, I, F, D, ?
(A) B (B) C
(C) A (D) E
29. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
K, M, O, Q, ?
(A) T (B) R
(C) S (D) U

- 30.** A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
BD, CE, DF, EG, ?
(A) FG (B) DH
(C) FH (D) EH
- 31.** A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
AVA, BUC, CTE, ?
(A) DVG (B) DSF
(C) DSG (D) GSD
- 32.** A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
GD, DI, AP, XY, ?
(A) UH (B) IU
(C) ST (D) UJ
- 33.** A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
WVU, TSR, QPO, ?
(A) NML (B) LMN
(C) LMK (D) KLM
- 34.** A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
AD, CE, EF, GG, ?
(A) IP (B) IH
(C) HI (D) IJ
- 35.** A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
AZ, DY, IX, PW, ?
(A) YY (B) YV
(C) WV (D) VV
- 36.** A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
P, M, J, G, ?
(A) E (B) C
(C) F (D) D
- 37.** A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
AA, DB, IC, PD, ?
(A) WF (B) XE
(C) YE (D) WE
- 38.** A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
T, R, O, M, J, H, ?
(A) F (B) G
(C) D (D) E
- 39.** A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
ABC, BDF, CFI, ?
(A) DLH (B) LDH
(C) DIL (D) DHL
- 40.** A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
MP, OR, QT, SV, ?
(A) UX (B) TW
(C) TU (D) XU
- 41.** A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
AAZ, CDX, EGV, ?
(A) FGT (B) GIT
(C) GHT (D) GJT
- 42.** A series is given with one term missing. Select the correct alternatives from the given ones that will complete the series.
B, G, N, W, ?
(A) I (B) G
(C) J (D) H
- 43.** A series is given with one term missing. Select the correct alternatives from the given ones that will complete the series.
B, E, I, S, K, ?
(A) W (B) X
(C) U (D) V

44. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
AZ, DW, IR, PK, ?
(A) WD (B) UF
(C) VE (D) YB
45. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
MSK, GUM, AWJ, UYL, ?
(A) OAI (B) NPZ
(C) MBJ (D) OCN
46. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
FGC, HHA, JIY, ?
(A) KKW (B) LJW
(C) LKX (D) KJX
47. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
A, C, H, S, ?
(A) B (B) J
(C) D (D) K
48. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
NPX, LQW, JRV, ?
(A) HSU (B) ITT
(C) GTR (D) JSR
49. Which letter-cluster will replace the question mark (?) in the following series?
BZD, DXF, GUI, ?, PLR
(A) KQM (B) MOQ
(C) KPN (D) LRT
50. Which letter-cluster will replace the question mark (?) in the following series?
BECD, FIGH, KNLM, ?, XAYZ
(A) QWSU (B) QRPQ
(C) PSQR (D) QTRS
51. Which letter-cluster will replace the question mark (?) in the following series?
CGE, HJI, LPN, SUT, ?
(A) XBZ (B) YAZ
(C) YCA (D) XZY
52. Which letter-cluster will replace the question mark (?) in the following series?
HKNQ, JIPO, KHQN, MFSL, ?
(A) NGRM (B) NEKT
(C) NETK (D) ODUJ
53. Which letter-cluster will replace the question mark (?) in the following series?
DEY, FFW, IGT, KHR, NIO, ?
(A) QJM (B) PJM
(C) PJN (D) QJN
54. Which letter-cluster will replace the question mark (?) in the following series?
EZI, FYJ, GXK, HWL, ?
(A) MVM (B) MVN
(C) JVM (D) IVM
55. Which letter-cluster will replace the question mark (?) in the following series?
GXB, JVD, MTF, PRH, ?
(A) RPJ (B) SPJ
(C) SQJ (D) RQI
56. Which letter-cluster will replace the question mark (?) in the following series?
CFZ, EGX, HIU, JLS, MPP, ?
(A) NOT (B) OTN
(C) MSN (D) OUN
57. Which letter-cluster will replace the question mark (?) in the following series?
IVM, HWL, GXK, FYJ, ?
(A) EZH (B) EAH
(C) EZI (D) DZI
58. Which letter-cluster will replace the question mark (?) in the following series?
XCA, WDZ, UFX, RIU, NMQ, ?
(A) JFU (B) IKJ
(C) JKO (D) IRL

59. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
BCF, CDG, DEH, ?
(A) EFI (B) EFG
(C) DFI (D) EGI
60. A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
BCD, EFG, IJK, NOP, TUV ?
(A) YZZ (B) ZZB
(C) BCD (D) ABC
61. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
PNR, RQV, TTZ, ?, XZH
(A) VWB (B) UXC
(C) VWD (D) UXE
62. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
Q, P, O, N, ?
(A) M (B) L
(C) O (D) J
63. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
A, C, E, G, ?
(A) H (B) I
(C) J (D) F
64. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
AG, LR, WC, HN, ?
(A) QY (B) RX
(C) SY (D) TZ
65. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
CEG, IKM, OQS, ?
(A) UWY (B) UYX
(C) UVY (D) TWY
66. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
KV, LU, MT, ?
(A) NS (B) OS
(C) OU (D) SN
67. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
BT, DR, FP, ?
(A) HO (B) HN
(C) NH (D) OH
68. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
C11, V17, O23, ?
(A) H30 (B) H29
(C) I29 (D) I31
69. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
DK, FN, HQ, ?
(A) KS (B) JT
(C) KT (D) JS
70. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
FK27, LQ64, RW125, ?
(A) CX216 (B) XB216
(C) XC216 (D) YB343
71. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
ACE, FHJ, KMO, ?
(A) QRS (B) PRT
(C) PRU (D) QRV
72. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
A, E, I, M, ?
(A) P (B) Q
(C) R (D) O