रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD
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सेक्शन कंट्रोलर की भर्ती / Recruitment of Section Controller

RRB Section Controller 2025

Section Controller · CEN 04/2025 · CBT-1 · Mental Reasoning — Topic-wise

English

9 Chapters · 82 Questions · Official Answer Key

About this Compilation

Every **Mental Reasoning** question asked across all 4 shifts of the **RRB Section Controller 2025 CBT-1** examination (CEN 04/2025), regrouped by **chapter** instead of by shift, so you can revise one topic end to end. The correct option is marked as per the official answer key.

Sections. The saved Section Controller 2025 paper carries no section labels. In this book the questions of every shift are grouped into the three exam sections (Analytical and Mathematical, Logical incl. Reading Comprehension, Mental Reasoning), assigned from our topic tags, so the Logical / Mental Reasoning counts may differ slightly from the pattern (60 / 20 / 20). Questions are numbered from 1 in this book; the answers are the same official key as in our complete paper book.

How to use

- Use the **Index** to jump to any chapter (clickable).
- Within a chapter, questions on the same idea are placed together.
- The correct answer is highlighted in green with a tick.
- The same paper is also available complete and section-wise.



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Verbal Reasoning 4 Questions • Answer Key

Q1 Coding-decoding

In a certain code language, 'DRAW' is coded as '6924' and 'WINS' is coded as '1356'. What is the code for 'W' in the given code language?

A. 1

B. 6 ✓

C. 3

D. 4

Q2 Coding-decoding

In a certain code language, 'came after me' is coded as 'bg sp zh' and 'who came first' is coded as 'km cy sp'. How is 'came' coded in the given language?

A. zh

B. bg

C. sp ✓

D. cy

Q3 Coding-decoding

In a certain code language, 'DENT' is coded as '6924' and 'PADS' is coded as '1359'. What is the code for 'D' in the given code language?

A. 5

B. 9 ✓

C. 3

D. 6

Q4 Coding-decoding

In a certain code language, 'CUTE' is coded as '7624' and 'SOUP' is coded as '1357'. What is the code for 'U' in the given code language?

A. 7 ✓

B. 5

C. 3

D. 6

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Q1 Analogy

Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: FKG :: PUQ : %

A. # = LIO, % = MNK

B. # = LIM, % = JZK

C. # = HJM, % = JLP

D. # = LQM, % = JOK ✓

Q2 Analogy

Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(288,8,6)
(210,7,5)

A. (216,9,5)

B. (252,7,6) ✓

C. (316,7,8)

D. (204,9,4)

Q3 Analogy

Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: ZQV :: PGK : %

A. # = WTU, % = LKH

B. # = XUT, % = MJO

C. # = XTR, % = LJG

D. # = XOS, % = RIN ✓

Q4 Analogy

Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

HLH–DHD
LPL–HLH

A. GKG–BGB

B. GJE–BFB

C. GKG–CGC ✓

D. GJE–CGC

Q5 Analogy

Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: HKO :: FIM : %

A. # = POR, % = CNJ

B. # = KNJ, % = CJK

C. # = KNR, % = CFJ ✓

D. # = KLJ, % = CKL

Q6 Analogy

Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

TVT–PRP
BDB–XZX

A. OPM–KMK

B. OQO–JMJ

C. OPM–JLJ

D. OQO–KMK ✓

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Q7 Analogy

Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

DK-GM-IL
GN-JP-LO

- **A.** JQ-MS-OR ✓
- **B.** IQ-MT-PR
- **C.** IQ-MS-PR
- **D.** JQ-MS-PR

Q8 Analogy

Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: INQ :: FKO : %

- **A.** # = RTP, % = DEJ
- **B.** # = TJV, % = HEL
- **C.** # = SRP, % = GFE
- **D.** # = LQU, % = CHK ✓

Q9 Analogy

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

FLAP - LAFP - PALF
COIN - OICN - NIOC

- **A.** HALF - ALHF - FLAH ✓
- **B.** GOLF - GLOF - FLOG
- **C.** BASE - ABSE - EASB
- **D.** DISC - ISDC - ISCD

Q10 Analogy

Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: SNJ :: QLH : %

- **A.** # = MHD, % = WRN ✓
- **B.** # = MNM, % = AZN
- **C.** # = OPD, % = WVN
- **D.** # = IOD, % = WNB

Q11 Analogy

Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

WYW–SUS
XZX–TVT

- **A.** ACA–WYW ✓
- **B.** ABY–WYW
- **C.** ACA–VYV
- **D.** ABY–VXV

Q12 Analogy

Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: OUH :: PVI : %

- **A.** # = SWQ, % = HLM
- **B.** # = UYX, % = KLG
- **C.** # = SYL, % = LRE ✓
- **D.** # = SYW, % = KFJ

Q13 Analogy

Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

19 - 3 - 16
3 - 1 - 2

- **A.** 22 - 9 - 11
- **B.** 50 - 25 - 35
- **C.** 7 - 2 - 6
- **D.** 19 - 4 - 15 ✓

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Q14 Analogy

Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: HNJ :: RXT : %

A. # = MNP, % = LOQ

B. # = NTP, % = LRN ✓

C. # = NNB, % = UIN

D. # = NXP, % = LIO

Q15 Number analogy

78 is related to 97 following a certain logic. Following the same logic, 117 is related to 136. To which of the given options is 148 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

A. 171

B. 167 ✓

C. 159

D. 183

Q16 Number analogy

Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number result(s) in the second number. Similarly, certain mathematical operation(s) on the second number result(s) in the third number and so on. Which of the given options follows the same set of operations as in the given sets?
(NOTE: A two/three digit number cannot be broken into individual digits for operations. E.g.: If 37 is followed by 10, the operation cannot be 3 + 7 as a two digit number cannot be broken into individual digits.)
20 – 33 – 27 – 35
15 – 28 – 22 – 30

A. 8 – 21 – 15 – 23 ✓

B. 4 – 17 – 23 – 31

C. 7 – 20 – 14 – 6

D. 9 – 22 – 16 – 25

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Q1 Odd one out

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. TU-XY ✓
- B. MN–PQ
- C. RS–UV
- D. DE–GH

Q2 Odd one out

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.

- A. FKMQ
- B. BGIN ✓
- C. WBDH
- D. QVXB

Q3 Odd one out

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. WUR ✓
- B. ZXT
- C. NLH
- D. FDZ

Q4 Odd one out

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. CZTR
- B. LICA
- C. VSMK
- D. RPJG ✓

Q5 Odd one out

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. JK - JI ✓
- B. JN - HL
- C. QU - OS
- D. PT - NR

Q6 Odd one out

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. NPT
- B. PRV
- C. KMQ
- D. GIL ✓

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Q7 Odd one out

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. QV - SX
B. SX - UZ
C. OI - LK ✓
D. MR - OT

Q8 Odd one out

Based on the English alphabetical order, three of the following four letter cluster pairs are alike in a certain way and thus form a group. Which is the one that does NOT belong to that group? (Note: The odd man out is not based on the number of consonants/vowels or their position in the letter cluster.)

A. MQ - PT
B. EI - HL
C. LO - NL ✓
D. IM - LP

Q9 Odd one out

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. SU–WY
B. DF–HK ✓
C. PR–TV
D. IK–MO

Q10 Odd one out

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. SP - PR ✓
B. OQ - JL
C. FH - AC
D. NP - IK

Q11 Odd one out

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. MOQ ✓
B. GIL
C. JLO
D. RTW

Q12 Odd one out

Based on the English alphabetical order, three of the following four letter cluster pairs are alike in a certain way and thus form a group. Which is the one that does NOT belong to that group? (Note: The odd man out is not based on the number of consonants/vowels or their position in the letter cluster.)

A. NQ - LO
B. LO - JM
C. HK - FL ✓
D. PS - NQ

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Verbal Reasoning 12 Questions • Answer Key

Q1 Series

In the following series, only one letter-cluster is incorrect. Select the INCORRECT letter-cluster.

TDN DNX NXH XHR HRB ROL

- A. ROL ✓
- B. HRB
- C. DNX
- D. TDN

Q2 Series

In the following series, only one letter-cluster is incorrect. Select the INCORRECT letter-cluster.

ODL IJE CPD WVZ QBV

- A. IJE ✓
- B. QBN
- C. ODL
- D. WVR

Q3 Series

What should come in place of the question mark (?) in the given series?

91 92 96 97 101 ?

- A. 101
- B. 102 ✓
- C. 103
- D. 104

Q4 Series

In the following series, only one letter-cluster is incorrect. Select the INCORRECT letter-cluster.

ELS BIP YFM VCJ SZG PVD

- A. YFM
- B. SZG
- C. PVD ✓
- D. VCJ

Q5 Series

Select the letter-cluster that DOES NOT belong to the following series.

ARN XVK UZH SDF OHB LLY

- A. SDF ✓
- B. OHB
- C. XVK
- D. LLY

Q6 Series

What should come in place of the question mark (?) in the given series?

212 213 217 226 242 ?

- A. 266
- B. 264
- C. 267 ✓
- D. 265

Q7 Series

In the following series, only one letter-cluster is incorrect. Select the INCORRECT letter-cluster.

YEK UAG QWC MSY IOV EKQ

- A. EKQ
- B. QWC
- C. MSY
- D. IOV ✓

Q8 Series

In the following series, only one letter-cluster is incorrect. Select the INCORRECT letter-cluster.

FLR BHN XDJ TZF PVA LRX

- A. TZF
- B. LRX
- C. XDJ
- D. PVA ✓

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Q9 Series

What should come in place of the question mark (?) in the given series?

451 450 460 458 470 467 481 ?

A. 478
B. 476
C. 479
D. 477 ✓

Q10 Series

In the following series, only one letter-cluster is incorrect. Select the INCORRECT letter-cluster.

WQK AUO EYS ICW MGA QKC

A. ICW
B. EYS
C. MGA
D. QKC ✓

Q11 Series

In the following series, only one letter-cluster is incorrect. Select the INCORRECT letter-cluster.

YDI EJO KPO QVA WBG CHM

A. WBG
B. KPO ✓
C. QVA
D. EJO

Q12 Series

What should come in place of the question mark (?) in the given series?

717 720 710 714 705 710 702 ?

A. 710
B. 706
C. 712
D. 708 ✓

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Verbal Reasoning 1 Question • Answer Key

Q1 Rank from ends

All 46 students in a class are standing in a row facing north. Jaya is 15^{th} from the right end, while Sanjay is 26^{th} from the left end. How many people stand between Jaya and Sanjay?

A. 4

B. 7

C. 5 ✓

D. 6

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Q1 Seating / floor arrangement

Eight persons A, B, C, D, E, F, G and H are sitting around a square table, facing the centre of the table. Some of them are sitting at the corners, while some are sitting at the exact centres of the sides. B is sitting second to the left of E. E is sitting at the centre of one of the sides. Only three people are sitting between G and B when counted from the left of B. D is sitting to the immediate right of G. Only one person is sitting between F and D when counted from the left of F. F is not an immediate neighbour of E. A is sitting third to the right of B. C is sitting to the immediate left of E. How many people are sitting between H and B when counted from the left of B?

- A. One ✓
- B. Four
- C. Three
- D. Two

Q2 Seating / floor arrangement

Eight people are sitting in two parallel rows containing 4 people each in such a way that there is equal distance between adjacent persons.
In row 1 – C, D, E and F are seated and all of them are facing south.
In row 2 – J,K, L and M are seated and all of them are facing north.
Thus each person faces another person from the other row.
C sits third to the right of E. The one facing M is an immediate neighbour of E. The one facing D is an immediate neighbour of M. The one facing C is an immediate neighbour of L.J sits at some place to the left of K.
Who amongst the following faces L?

- A. C
- B. D ✓
- C. E
- D. F

Q3 Seating / floor arrangement

Six people, H, I, J, N, O and P, live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, numbered 2 and so on, till the topmost floor, which is numbered 6. Only two people live between N and P. No one lives above I. Only two people live between I and O. Only four people live between I and H. N lives above O. How many people live below J?

- A. Four
- B. One
- C. Two
- D. Three ✓

Q4 Seating / floor arrangement

Six people, H, I, J, N, O and P, live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on, till the topmost floor, which is numbered 6.
N lives on floor numbered 2. H lives on a floor below N. Only four people live between O and H. P lives on an even-numbered floor. J lives on an odd-numbered floor but not on floor number 5. How many people live between I and N?

- A. One
- B. Two ✓
- C. Three
- D. Four

Q5 Seating / floor arrangement

Eight people are sitting in two parallel rows containing 4 people each in such a way that there is equal distance between adjacent persons.

In row 1 – S, T, U and V are seated and all of them are facing south.
In row 2 – C, D, E and F are seated and all of them are facing north.
Thus each person faces another person from the other row.
T sits third to the right of S. The one facing F is an immediate neighbour of S. The one facing V is an immediate neighbour of F. The one facing T is an immediate neighbour of D. C sits at some place to the left of E.

Who amongst the following faces D?

- A. V ✓
- B. T
- C. U
- D. S

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Q6 Seating / floor arrangement

A, B, C, D, E, F, G and H are sitting around a square table. Some of them are sitting at the corners, while some are sitting at the exact centres of the sides. All of them are facing the centre. Only three people are sitting between B and F when counted from the left of B. D is sitting to the immediate right of F. Only three people are sitting between D and E when counted from the left of D. E is not sitting at any of the corners. Only two people are sitting between G and H when counted from the left of G. A is sitting to the immediate right of G. G is not an immediate neighbour of E. How many people are sitting between C and F, when counted from the right of C?

A. Zero
B. One ✓
C. Two
D. Three

Q7 Seating / floor arrangement

Six boxes A, B, C, D, E, and F are kept one over the other but not necessarily in the same order. D is kept third from the bottom. Only one box is kept between D and F. A is kept immediately below B. C is kept immediately below D. E is kept immediately above B.
Which box is third from the top?

A. E
B. B
C. F
D. A ✓

Q8 Seating / floor arrangement

A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. B lives on an odd numbered floor but not on floor number 5. Only three people live between C and A. A lives immediately below B. F lives immediately above E. How many people live between D and F?

A. None
B. Two
C. One
D. Three ✓

Q9 Seating / floor arrangement

A, B, C, D, J, K, L and M are sitting around a square table, facing the centre of the table. Some of them are sitting at the corners while some are sitting at the exact centre of the sides.
Only three people sit between L and M. L sits at the centre of one of the sides. A sits second to the left of M. D sits second to the right of C. J sits at one of the corners and is not an immediate neighbour of M. Only three people sit between D and K. J is not an immediate neighbour of B. Who sits fourth to the left of B?

A. K
B. J
C. M
D. A ✓

Q10 Seating / floor arrangement

Seven boxes, G, H, I, J, N, O and P, are kept one over the other but not necessarily in the same order. Only two boxes are kept below G. H is kept immediately above G. N is kept immediately above I. Only one box is kept above O. P is kept at some place below J. How many boxes are kept between J and N?

A. Four ✓
B. Two
C. Three
D. One

Q11 Seating / floor arrangement

Eight people are sitting in two parallel rows containing 4 people each in such a way that there is equal distance between adjacent persons.
In row 1, I, K, O and L are seated and all of them are facing south.
In row 2, S, W, Z and A are seated and all of them are facing north.
Thus, each person faces another person from the other row.
S sits third to the left of A. The one facing K is an immediate neighbour of A. O sits at some place to the right of K and is not facing W. I sits third to the right of L. Which of the following represents both people sitting at extreme ends of the line?

A. S, K
B. I, W
C. O, W
D. I, S ✓

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Q12 Seating / floor arrangement

Seven boxes, G, H, I, J, N, O and P, are kept one over the other but not necessarily in the same order. Only N is kept below J. Only P is kept above H. Only G is kept between H and O. How many boxes are kept above I?

A. One
B. Two
C. Four ✓
D. Three

Q13 Seating / floor arrangement

Six people, H, I, J, N, O and P, live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on, till the topmost floor, which is numbered 6. Only N lives above P. Only J lives below O. H lives immediately below P. How many people live between I and O?

A. None ✓
B. One
C. Three
D. Two

Q14 Seating / floor arrangement

E, F, G, H, M, N, O and P are sitting around a square table, facing the centre of the table. Some of them are sitting at the corners while some are sitting at the exact centre of the sides.
N sits second to the right of G. Only three people sit between F and M. F is an immediate neighbour of G. Only three people sit between G and H when counted from the left of G. G sits at one of the corners. O sits to the immediate right of N. P is not an immediate neighbour of M. How many people sit between E and O when counted from the left of O?

A. Two
B. Three
C. Four ✓
D. One

Q15 Two parallel rows

In a cloth store, 10 varieties of sarees are arranged on two parallel racks. Rack 1 is facing towards the South and it has the following variety of sarees: A, B, C, D and E. Rack 2 is facing towards the North and it has the following variety of sarees: F, G, H, I and J. Thus, each saree in Rack 1 is placed in front of a saree in Rack 2 and vice versa. Variety D and B sarees are placed at extreme ends and are opposite Variety I and G sarees on the opposite rack, respectively. Variety C is at the middlemost position and is opposite neither H nor J. Variety A sarees are placed to the immediate right of B, H is not the saree variety opposite to Variety A. Which variety of sarees are opposite H?

A. B
B. D
C. A
D. E ✓

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Verbal Reasoning 4 Questions • Answer Key

Q1 Day puzzle

Each of G, H, I, J, N, O and P has a flight on a different day of a week, starting from Monday and ending on Sunday of the same week. Only one person has a flight after J. Only three people have flights between P and O. Only one person has a flight between H and N. Only two people have flights between J and P. I has a flight immediately before H. How many people have flights between G and H?

- A. Two ✓
- B. One
- C. Three
- D. Four

Q2 Day puzzle

Each of G, H, I, J, N, O and P has a flight on a different day of a week, starting from Monday and ending on Sunday of the same week. N has a flight immediately before I. P has a flight on one of the days after G. Only three people have flights before O. H has a flight immediately after I. Only one person has a flight after J. How many people have flights between P and H?

- A. One
- B. Two
- C. Four
- D. Three ✓

Q3 Day puzzle

Each of G, H, I, J, N, O and P has a flight on a different day of a week starting from Monday and ending on Sunday of the same week. Only three people have a flight between H and G. Only one person has a flight between P and N. O has a flight immediately the day before I. Only two people have a flight before H. J doesn't have a flight on Friday. P has a flight immediately after J. How many people have a flight before J?

- A. Three
- B. Two
- C. None ✓
- D. One

Q4 Day puzzle

Each of G, H, I, J, N, O and P has a flight on a different day of the week, starting from Monday and ending on Sunday of the same week. Only I has a flight after H. Only three people have flights between N and H. Only three people have flights between O and I. J has a flight on some day before P and on some day after G. How many people have flights between G and J?

- A. One
- B. Four
- C. Three
- D. Two ✓

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Q1 Mathematical operations

If 'P' stands for '÷' , 'Q' stands for '×', 'R' stands for '+' and 'S' stands for '−' , then what will be come in place of question mark (?) in the following equation?

44 Q 8 S 91 P 13 R 67 = ?

A. 415
B. 412 ✓
C. 451
D. 421

Q2 Mathematical operations

What will come in place of the question mark (?) in the following equation if '+' and '−' are interchanged and '×' and '÷' are interchanged?
16 ÷ 2 − 48 × 6 + 15 = ?

A. 17
B. 25 ✓
C. 28
D. 20

Q3 Mathematical operations

What will come in the place of the question mark (?) in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?

304 − 17 ÷ 11 + 253 × 11 = ?

A. 468 ✓
B. 470
C. 475
D. 466

Q4 Mathematical operations

What will come in the place of the question mark (?) in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?

96 × 16 − 13 ÷ 12 + 28 = ?

A. 132
B. 131
C. 134 ✓
D. 133

Q5 Mathematical operations

What will come in place of the question mark (?) in the following equation if '+' and '−' are interchanged and '×' and '÷' are interchanged?
15 ÷ 2 − 63 × 7 + 11 = ?

A. 25
B. 36
C. 28 ✓
D. 30

Q6 Mathematical operations

What will come in place of the question mark (?) in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?

38 ÷ 5 − 14 + 26 × 2 = ?

A. 197
B. 195
C. 203
D. 191 ✓

Q7 Mathematical operations

What will come in place of the question mark (?) in the following equation if '+' and '−' are interchanged and '×' and '÷' are interchanged?
123 ÷ 4 − 4277 × 7 + 54 = ?

A. 1023
B. 1049 ✓
C. 1103
D. 1140

Q8 Mathematical operations

What will come in place of the question mark (?) in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?

124 × 4 ÷ 8 − 92 + 26 = ?

A. 306
B. 322
C. 314 ✓
D. 298

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Q9 Mathematical operations

If 'P' stands for '÷' , 'Q' stands for 'x', 'R' stands for '+' and 'S' stands for '-' , then what will come in place of the question mark (?) in the following equation?

76 P 4 R 12 Q 9 S 6 = ?

A. 118

B. 121 ✓

C. 120

D. 128

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Analytical Reasoning

9 Questions • Answer Key

Q1 Digit operation

This question is based on the five, three-digit numbers given below.

(Left) 321 354 387 627 681 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
NOTE: All operations are to be done from left to right.

What will be the resultant if the second digit of the second highest number is added to the third digit of the lowest number?

A. 4
B. 2
C. 7
D. 3 ✓

Q2 Digit operation

Each of the digits in the number 3187569 is arranged in ascending order from left to right. What will be the sum of the digits which are first from the left and first from the right in the new number thus formed?

A. 12
B. 10 ✓
C. 8
D. 11

Q3 Digit operation

If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 1326342, then what will be the difference between the highest and the lowest digits in the number thus formed?

A. 7
B. 4 ✓
C. 6
D. 5

Q4 Digit operation

If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 7145632, then how many digits will appear more than once in the new number thus formed?

A. 0
B. 2 ✓
C. 3
D. 1

Q5 Digit operation

This question is based on the five, three-digit numbers given below.

(Left) 756 723 789 347 359 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
NOTE: All operations are to be done from left to right.

What will be the resultant if the second digit of the second highest number is added to the third digit of the second lowest number?

A. 9
B. 12
C. 11
D. 14 ✓

Q6 Digit operation

Each of the digits in the number 2597836 is arranged in ascending order from left to right. What will be the sum of the digits that are second from the left and second from the right in the new number thus formed?

A. 13
B. 11 ✓
C. 7
D. 9

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Q7 Digit operation

If each of the digits in the number cluster 5389436 is arranged in ascending order from left to right, the position of how many digits will remain unchanged as compared to that in the original number?

A. Four
B. Three
C. Two
D. One ✓

Q8 Digit operation

If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 1324756, then what will be the sum of the digits that are second from the left and second from the right in the new number thus formed?

A. 6
B. 7
C. 12 ✓
D. 5

Q9 Digit operation

If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 1325374, what will be difference between the highest and lowest digits in the number thus formed?

A. 4
B. 8 ✓
C. 6
D. 5

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