

# Contents

|  |                |
|--|----------------|
| ■ Analysis chart of RRB Paramedical, JE, ALP, NTPC, Group-D, RPF SI & Constable Pre Exam Question Papers ..... | 5              |
| ■ RRB Paramedical, JE, ALP, NTPC, Group-D, RPF SI & Constable Papers Through Pie Chart and Bar Graph .....     | 6              |
| <b>Section-1 : Analogy.....</b>  | <b>7-64</b>    |
| ■ Type 1 : Analogy based on English/Hindi Words .....  | 7              |
| ■ Type 2 : Analogy based on English and Hindi Words given in the sentences.....                                | 21             |
| ■ Type 3 : Analogy based on the English Alphabet.....  | 23             |
| ■ Type 4 : Analogy based on Numbers.....   | 34             |
| ■ Type 5 : Analogy based on Figures .....  | 54             |
| ■ Type 6 : Miscellaneous.....  | 60             |
| <b>Section-2 : CODING-DECODING .....</b>   | <b>65-117</b>  |
| ■ Type 1 : Problems based on codes in numbers of letters of the English alphabet .....                         | 65             |
| ■ Type 2 : Problems based on coding of letters of the English alphabet in letters .....                        | 76             |
| ■ Type 3 : Problems based on coding of word groups .....   | 97             |
| ■ Type 4 : Problems based on letter, number and symbols .....  | 108            |
| ■ Type 5 : Miscellaneous.....  | 114            |
| <b>Section-3 : Classification .....</b>  | <b>118-170</b> |
| ■ Type 1 : Classification based on Words .....   | 118            |
| ■ Type 2 : Classification based on letters and symbols of the English Alphabet.....                            | 128            |
| ■ Type 3 : Classification based on number/number pair.....   | 141            |
| ■ Type 4 : Classification based on shapes .....  | 144            |
| ■ Type 5 : Classification based on groups of figures .....   | 165            |
| ■ Type 6 : Miscellaneous.....  | 168            |
| <b>Section-4 : Series .....</b>  | <b>171-231</b> |
| ■ Type 1 : Series based on numbers.....  | 171            |
| ■ Type 2 : Series based on letters .....   | 192            |
| ■ Type 3 : Mixed series of numbers and letters .....   | 202            |
| ■ Type 4 : Series based on figures .....   | 214            |
| ■ Type 5 : Miscellaneous.....  | 231            |
| <b>Section-5 : Missing Number/Letter/Term/Figure .....</b>   | <b>232-263</b> |
| ■ Type 1 : Problems based on missing number .....  | 232            |
| ■ Type 2 : Problems based on missing letter .....  | 247            |
| ■ Type 3 : Problems based on missing figure.....   | 250            |
| ■ Type 4 : Miscellaneous.....  | 262            |

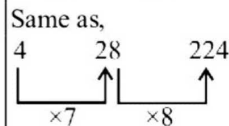
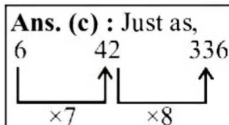
---

|   |                |
|---|----------------|
| <b>Section-6 : Direction Test .....</b>   | <b>264-318</b> |
| ■ Type 1 : Problems based on direction in a particular situation of an individual .....                                       | 264            |
| ■ Type 2 : Problems based on direction in the particular situation of two persons .....                                       | 276            |
| ■ Type 3 : Problems based on finding the direction of one point with respect to another point .....                           | 279            |
| ■ Type 4 : Problems based on Angle.....   | 286            |
| ■ Type 5 : Problems based on Distance .....   | 293            |
| ■ Type 6 : Mixed problems based on Distance and Direction .....   | 305            |
| ■ Type 7 : Problems based on Clockwise Direction .....  | 314            |
| ■ Type 8 : Miscellaneous.....   | 315            |
| <b>Section-7 : Blood Relation .....</b>   | <b>319-365</b> |
| ■ Type 1 Relationship based on Hindi Names .....  | 319            |
| ■ Type 2 Problems based on Naming the Letters of the English Alphabet .....   | 343            |
| ■ Type 3 Miscellaneous .....  | 358            |
| <b>Section-8 : Arithmetical Operations .....</b>  | <b>366-406</b> |
| ■ Type 1 : Arithmetical Operations based on the Conversion of Letters of the English Alphabet into Mathematical Symbols ..... | 366            |
| ■ Type 2 : Arithmetical Operations based on the Conversion of Mathematical Symbols into Mathematical Symbols.....             | 372            |
| ■ Type 3 : Arithmetical Operations based on the Conversion of Symbols into Mathematical Symbols .....                         | 387            |
| ■ Type 4 : Arithmetical Operations based on Interchange of Digits/Numbers and Mathematical Symbols.....                       | 391            |
| ■ Type 5 : Arithmetical Operations based on the Elimination of Mathematical Symbols.....                                      | 403            |
| <b>Section-9 : Venn Diagram .....</b>   | <b>407-436</b> |
| <b>Section-10 : Problems based on Diagram .....</b>   | <b>437-459</b> |
| ■ Type 1 : Diagram related problems based on letters and symbols of the English alphabet .....                                | 437            |
| ■ Type 2 : Diagram related problems based on numbers .....  | 442            |
| <b>Section-11 : Analytical Reasoning .....</b>  | <b>460-512</b> |
| <b>Section-12 : Syllogism .....</b>   | <b>513-605</b> |
| ■ Type 1 : Syllogism based on the statement 'All' .....   | 513            |
| ■ Type 2 : Syllogism based on the statement 'Some' .....  | 533            |
| ■ Type 3 : Syllogism based on both 'Some' and 'All' statement .....   | 542            |
| ■ Type 4 : Syllogism based on both 'Some' and 'None' statement .....  | 581            |
| ■ Type 5 : Syllogism based on both 'All' and 'None' .....   | 585            |
| ■ Type 6 : Miscellaneous.....   | 596            |
| <b>Section-13 : Statement and Conclusion.....</b>   | <b>606-661</b> |
| ■ Type 1 : General Statement and Conclusion .....   | 606            |
| ■ Type 2 : Statement and Conclusion based on Mathematical operations.....   | 640            |
| ■ Type 3 : Miscellaneous.....   | 655            |
| <b>Section-14 : Statement and Assumption/Operations .....</b>   | <b>662-695</b> |
| ■ Type 1 : Problems based on statement and Assumption .....   | 662            |
| ■ Type 2 : Problems based on statement and Assumption .....   | 684            |
| ■ Type 3 : Problems based on statement and Assumption .....   | 688            |
| ■ Type 4 : Problems based on statement and Operation .....  | 692            |

---

|   |                |
|---|----------------|
| <b>Section-15 : Data Sufficiency .....</b>  | <b>696-723</b> |
| ■ Type 1 : Data Sufficiency based on sequence.....  | 696            |
| ■ Type 2 : Data Sufficiency based on Mathematical operations .....                            | 701            |
| ■ Type 3 : Data Sufficiency based on Codes .....  | 716            |
| ■ Type 4 : Data Sufficiency based on Blood relation.....                                      | 719            |
| ■ Type 5 : Problems based on Statement/Question and Reasoning/Statement .....                 | 721            |
| <b>Section-16 : Sequence and Sitting Arrangement.....</b>                                     | <b>724-796</b> |
| ■ Type 1 : Sequence arrangement based on row and alphabet.....                                | 724            |
| ■ Type 2 : Sequence and Seating arrangement based on shapes like circular, square etc.....    | 750            |
| ■ Type 3 : Sequence arrangement based on series .....   | 774            |
| ■ Type 4 : Sequence arrangement based on height/length/weight etc .....                       | 786            |
| ■ Type 5 : Sequence arrangement based on letters/words.....                                   | 795            |
| <b>Section-17 : Calendar/Clock .....</b>  | <b>797-823</b> |
| ■ Type 1 : Problems based on Date and Day .....   | 797            |
| ■ Type 2 : Problems based on Year .....   | 808            |
| ■ Type 3 : Problems based on the angle between the hands of a clock.....                      | 811            |
| ■ Type 4 : Problems based on Time.....  | 818            |
| ■ Type 5 : Miscellaneous.....   | 821            |
| <b>Section-18 : Formation and Division of figure .....</b>                                    | <b>824-843</b> |
| ■ Type 1 : Problems based on figure formed by combining figures .....                         | 824            |
| ■ Type 2 : Problems based on the shape formed by rotation and folding of figures .....        | 827            |
| ■ Type 3 : Problems based on the closest similarity of question figures.....                  | 831            |
| ■ Type 4 : Problems based on built-in, in the option figures of the question figure.....      | 840            |
| <b>Section-19 : Lines and Figures Counting.....</b>   | <b>844-875</b> |
| ■ Type 1 : Problems based on counting of Triangles .....                                      | 844            |
| ■ Type 2 : Problems based on counting of Quadrilaterals.....                                  | 862            |
| ■ Type 3 : Problems based on counting of Pentagons .....                                      | 862            |
| ■ Type 4 : Problems based on counting of Rectangles .....                                     | 863            |
| ■ Type 5 : Problems based on counting of Squares.....   | 864            |
| ■ Type 6 : Problems based on counting of Circles.....   | 872            |
| ■ Type 7 : Problems based on counting of Lines/Rows.....                                      | 873            |
| <b>Section-20 : Water and Mirror Image .....</b>  | <b>876-891</b> |
| ■ Type 1 : Problems based on water image of figures.....                                      | 876            |
| ■ Type 2 : Problems based on mirror image of figures.....                                     | 879            |
| ■ Type 3 : Problems based on water and mirror image of letters, letter groups and words ..... | 887            |
| ■ Type 4 : Miscellaneous.....   | 891            |
| <b>Section-21 : Cube/Cuboid/Dice .....</b>  | <b>892-896</b> |
| <b>Section-22 : Miscellaneous.....</b>  | <b>897-928</b> |

---



Hence, option (c) is correct.

**372.** Select the option in which the numbers are related in the same way as are the numbers in the given sets

(343, 36, 13), (64, 16, 8), (27, 25, 8)

- (a) (28, 25, 8)      (b) (81, 27, 12)  
 (c) (216, 64, 14)      (d) (63, 37, 14)

**RRB NTPC 08.03.2021 (Shift-II) Stage Ist**

**Ans. (c) :** In the given number sets-

Just as,

$$(343, 36, 13) \rightarrow [(7)^3, (6)^2, 13] \rightarrow 7 + 6 = 13$$

$$(64, 16, 8) \rightarrow [(4)^3, (4)^2, 8] \rightarrow 4 + 4 = 8$$

$$(27, 25, 8) \rightarrow [(3)^3, (5)^2, 8] \rightarrow 3 + 5 = 8$$

Similarly, in the set of numbers given in option (c)  
 $(216, 64, 14) \rightarrow [(6)^3, (8)^2, 14] \rightarrow 6 + 8 = 14$

Hence, option (c) is the corresponding set of numbers given in the question.

**373.** Select the option that is related to the third number in the same way as the second number is related to the first number.

2 : 32 :: 4 : ?

- (a) 728      (b) 128  
 (c) 1536      (d) 1024

**RRB NTPC 21.01.2021 (Shift-I) Stage Ist**

**Ans. (d) :**

Just as,

2 : 32

$$(2)^5 = 32$$

Same as,

4 : ?

$$(4)^5 = 1024$$

**374.** Select the option that is related to the fifth number in the same way as the fourth number is related to the third number and in the same as the second number is related to the first number.

6 : 34 :: 8 : 62 :: 9 : ?

- (a) 79      (b) 64  
 (c) 81      (d) 18

**RRB NTPC 10.02.2021 (Shift-II) Stage Ist**

**Ans. (a) :** From question,

$$6 : 34 :: 8 : 62 :: 9 : ?$$

$(6)^2 - 2$        $(8)^2 - 2$        $(9)^2 - 2$

**375.** Select the option that is related to the third number in the same way as the second number is related to the first number.

4704 : 336 :: 2590 : ?

- (a) 188      (b) 185  
 (c) 158      (d) 180

**RRB NTPC 27.02.2021 (Shift-I) Stage Ist**

**Ans. (b) :** Just as,  $\frac{4704}{336} = 14$

Similarly,  $\frac{2590}{?} = 14$

$$\frac{2590}{14} = ?$$

Hence, ? = 185

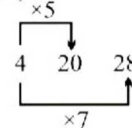
**376.** Select the option in which the numbers are related in the same way as the numbers are in the given set.

4, 20, 28

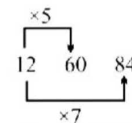
- (a) 6, 24, 48      (b) 8, 32, 64  
 (c) 2, 18, 24      (d) 12, 60, 84

**RRB NTPC 18.01.2021 (Shift-II) Stage Ist**

**Ans. (d) :** Just as,



Similarly,



**377.** Select the number from the given options, that has the same relation to the fifth number as the second and fourth numbers have with the first and third numbers respectively.

15 : 1365 :: 27 : 2817 :: 43 : ?

- (a) 3489      (b) 4893  
 (c) 4123      (d) 4493

**RRB NTPC 25.01.2021 (Shift-II) Stage Ist**

**Ans. (d) :** Just as,

$$15 : 1365 :: 27 : 2817 :: 43 : ?$$

$(1+5)^2$

and

$$27 : 2817 :: 43 : ?$$

$(2+7)^2$

Similarly,

$$43 : 4493 :: 27 : 2817$$

$(4+3)^2$

Hence, option (d) is correct.

**378.** Select the option that is related to the third number in the same way as the second number is related to the first number.

15 : 8 :: 25 : ?

- (a) 10      (b) 16  
 (c) 12      (d) 14

**RRB NTPC 14.03.2021 (Shift-II) Stage Ist**

**Ans. (a) :** Just as,

15 : 8

$$15 \Rightarrow 15 \div 3 + 3 = 8$$

Similarly,

25 : ?

$$25 \Rightarrow 25 \div 5 + 5 = 10$$

Therefore option (a) is correct.

**Ans. (c) :** Just as, A  $\xrightarrow{\text{Opposite}}$  Z = 26  
 And H  $\xrightarrow{\text{Opposite}}$  S = 19  
 Same as,

F  $\xrightarrow{\text{Opposite}}$  U = 21  
 A  $\xrightarrow{\text{Opposite}}$  Z = 26  
 S  $\xrightarrow{\text{Opposite}}$  H = 8  
 H  $\xrightarrow{\text{Opposite}}$  S = 19  
 I  $\xrightarrow{\text{Opposite}}$  R = 18  
 O  $\xrightarrow{\text{Opposite}}$  L = 12  
 N  $\xrightarrow{\text{Opposite}}$  M = 13

Hence, FASHION will be written as 2126819181213.

26. If the code for LETTER is written as 1252072218 and BLISS is written as 2129198, then which of the given option will be the code for COMMON?
- (a) 31513141113 (b) 31214131514  
 (c) 31513141214 (d) 31152131512

RRB NTPC 11.01.2021 (Shift-I) Stage Ist

**Ans. (c) :** Just as,

L  $\longrightarrow$  12  
 E  $\longrightarrow$  5  
 T  $\longrightarrow$  20  
 T  $\xrightarrow{\text{Opposite}}$  G = 7  
 E  $\xrightarrow{\text{Opposite}}$  V = 22  
 R  $\longrightarrow$  18

And,

B  $\longrightarrow$  2  
 L  $\longrightarrow$  12  
 I  $\longrightarrow$  9  
 S  $\longrightarrow$  19  
 S  $\xrightarrow{\text{Opposite}}$  H = 8

Same as,

C  $\longrightarrow$  3  
 O  $\longrightarrow$  15  
 M  $\longrightarrow$  13  
 M  $\xrightarrow{\text{Opposite}}$  N = 14  
 O  $\xrightarrow{\text{Opposite}}$  L = 12  
 N  $\longrightarrow$  14

27. In a certain code language, PENINSULA is written as 111. How will DICHOTOMY be written as in that language?
- (a) 222 (b) 121  
 (c) 212 (d) 112

RRB NTPC 30.12.2020 (Shift-I) Stage Ist

**Ans. (d) :** Just as,

P E N I N S U L A  
 16 + 5 + 14 + 9 + 14 + 19 + 21 + 12 + 1 = 111  
 Similarly,  
 D I C H O T O M Y  
 4 + 9 + 3 + 8 + 15 + 20 + 15 + 13 + 25 = 112

28. If J = 17 and N = 13, then JUNIOR = ?

(a) 1751318129 (b) 1771318129  
 (c) 1741318129 (d) 1761318129

RRB NTPC 13.01.2021 (Shift-I) Stage Ist

**Ans. (d) :** Given-

J = 17, N = 13

J  $\longleftrightarrow$  Q (opposite letter)  
 10 17

N  $\longleftrightarrow$  M (opposite letter)  
 14 13

Similarly,

J  $\longleftrightarrow$  Q (17)

U  $\longleftrightarrow$  F (6)

N  $\longleftrightarrow$  M (13)

I  $\longleftrightarrow$  R (18)

O  $\longleftrightarrow$  L (12)

R  $\longleftrightarrow$  I (9)

Hence, JUNIOR = 1761318129

29. If ACE = 35, AGED = 91 then CARE = ?

(a) 359 (b) 323  
 (c) 288 (d) 358

RRB NTPC 17.01.2021 (Shift-II) Stage Ist

**Ans. (a) :** Just as,

A C E  
 $\downarrow \quad \downarrow \quad \downarrow$   
 $(1)^2 + (3)^2 + (5)^2 = 35$

And,  
 A G E D  
 $\downarrow \quad \downarrow \quad \downarrow \quad \downarrow$   
 $(1)^2 + (7)^2 + (5)^2 + (4)^2 = 91$

Same as,

C A R E  
 $\downarrow \quad \downarrow \quad \downarrow \quad \downarrow$   
 $(3)^2 + (1)^2 + (18)^2 + (5)^2 = 359$

Hence, CARE = 359

30. In a certain code language, RAIN is written as 4678 and WET is written as 135. How will ENTER be written as in that language?

(a) 35384 (b) 38534  
 (c) 38543 (d) 35834

RRB NTPC 03.03.2021 (Shift-II) Stage Ist

**Ans. (b) :** According to the question,

R  $\rightarrow$  4 And W  $\rightarrow$  1

A  $\rightarrow$  6 E  $\rightarrow$  3

I  $\rightarrow$  7 T  $\rightarrow$  5

N  $\rightarrow$  8

Using the code of above letters,

E  $\rightarrow$  3

N  $\rightarrow$  8

T  $\rightarrow$  5

E  $\rightarrow$  3

R  $\rightarrow$  4

$\Rightarrow$  ENTER = 38534

31. In a certain code language, SCHOOL is coded as the number 72. What number will FLOWER be coded as in that language?

(a) 54 (b) 79  
(c) 71 (d) 89

RRB NTPC 15.03.2021 (Shift-I) Stage Ist

Ans. (b) : Just as,

$$\text{SCHOOL} \Rightarrow 19+3+8+15+15+12 = 72$$

Same as,

$$\text{FLOWER} \Rightarrow 6+12+15+23+5+18 = 79$$

32. In a certain code language, 'QZDH' is written as '51', 'PLMQ' is written as '54'. What is the code for 'DNRB' in that code language?

(a) 37 (b) 33  
(c) 34 (d) 36

RRB NTPC 15.03.2021 (Shift-I) Stage Ist

Ans. (c) : Just as,

$$\text{QZDH} \Rightarrow (17 + 26 + 4 + 8) - 4 = 51$$

And,  $\text{PLMQ} \Rightarrow (16+12+13+17)-4 = 54$

Similarly,

$$\text{DNRB} \Rightarrow (4+14+18+2)-4 = 34$$

33. In a certain code language 'RQN' is coded as 53 'DLP' is coded as 36 how will 'SRF' be written in that code language?

(a) 47 (b) 51  
(c) 53 (d) 49

RRB NTPC 05.04.2021 (Shift-II) Stage Ist

Ans. (a) : Just as,

$$\text{RQN} = 18+17+14=49$$

$$49+4=53$$

$$\text{DLP} = 04+12+16=32$$

$$32+4=36$$

Similarly,

$$\text{SRF} = 19+18+6=43$$

$$43+4=47$$

34. If in a certain code language A is written as 1 and AIR is written as 28 then how will AIRCRAFT be written in that language?

(a) 76 (b) 78  
(c) 82 (d) 80

RRB NTPC 23.07.2021 (Shift-II) Stage Ist

Ans. (a) : Just as,

A

↓

1 (Alphabetical order)

Same as,

A

↓

1

I

↓

9

R

↓

18

C

↓

3

R

↓

18

A

↓

1

F

↓

6

T

↓

20

$$1 + 9 + 18 + 3 + 18 + 1 + 6 + 20 = 76$$

35. In a certain coded language "ARCHITECT" has been written as 32051011227522. Then in same language "MANAGER" would be written as.

(a) 1531537918 (b) 1311473718  
(c) 1531639720 (d) 1311963720

RRB NTPC 26.07.2021 (Shift-II) Stage Ist

Ans. (c) : Just as,

$$\text{A} \xrightarrow{1+2} 3$$

$$\text{R} \xrightarrow{18+2} 20$$

$$\text{C} \xrightarrow{3+2} 5$$

$$\text{H} \xrightarrow{8+2} 10$$

$$\text{I} \xrightarrow{9+2} 11$$

$$\text{T} \xrightarrow{20+2} 22$$

$$\text{E} \xrightarrow{5+2} 7$$

$$\text{C} \xrightarrow{3+2} 5$$

$$\text{T} \xrightarrow{20+2} 22$$

Same as,

$$\text{M} \xrightarrow{13+2} 15$$

$$\text{A} \xrightarrow{1+2} 3$$

$$\text{N} \xrightarrow{14+2} 16$$

$$\text{A} \xrightarrow{1+2} 3$$

$$\text{G} \xrightarrow{7+2} 9$$

$$\text{E} \xrightarrow{5+2} 7$$

$$\text{R} \xrightarrow{18+2} 20$$

36. If DIRTY is written in certain code 24759 and FOAM is written as 1863. ARID will be written as.

(a) 6742 (b) 9165  
(c) 1579 (d) 2489

RRB ALP CBT-2 Electrician 23-01-2019 (Shift-I)

Ans. (a) :

Such as,

D I R T Y

↓ ↓ ↓ ↓ ↓

2 4 7 5 9

and,

F O A M

↓ ↓ ↓ ↓

1 8 6 3

Similarly,

A R I D

↓ ↓ ↓ ↓

6 7 4 2

37. In a certain code EXACT is written as 91685 and MILK is written as 7243, how will MELT be written?

(a) 7945 (b) 9285  
(c) 5384 (d) 8794

RRB ALP CBT-2 Mec. - Diesel 23-01-2019 (Shift-II)

Ans. (a) :

Such as,

E X A C T

↓ ↓ ↓ ↓ ↓

9 1 6 8 5

and

M I L K

↓ ↓ ↓ ↓

7 2 4 3

Similarly,

M E L T

↓ ↓ ↓ ↓

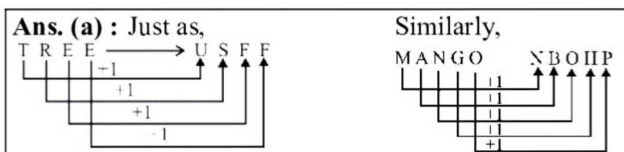
7 9 4 5

38. If AMBER = 27 and BROWN = 14, then GREEN will equal to:

(a) 28 (b) 36  
(c) 39 (d) 24

RRB NTPC 28.12.2020 (Shift-II) Stage Ist





181. In a certain code language LIVE is written as OREV then how is DEAD written in that code?
- (a) XVZX (b) UVZU  
(c) GVZG (d) WVZW

RRB Group-D – 31/10/2018 (Shift-II)

**Ans. (d) :** Just as, LIVE is coded as their opposite letters and written as OREV. Similarly, when DEAD coded in opposite letters, we will get option (d) = WVZW

182. In a certain code language KIN is written as PRM then how is THREAD written in that code?

- (a) GRIUZW (b) GSIVYW  
(c) GSIVWZ (d) GSIVZW

RRB Group-D – 18/09/2018 (Shift-II)

**Ans. (d) :** Just as,

K  $\xrightarrow{\text{opposite}}$  P  
I  $\xrightarrow{\text{opposite}}$  R  
N  $\xrightarrow{\text{opposite}}$  M

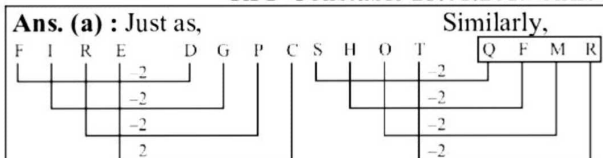
Similarly,

T  $\xrightarrow{\text{opposite}}$  G  
H  $\xrightarrow{\text{opposite}}$  S  
R  $\xrightarrow{\text{opposite}}$  I  
E  $\xrightarrow{\text{opposite}}$  V  
A  $\xrightarrow{\text{opposite}}$  Z  
D  $\xrightarrow{\text{opposite}}$  W

183. Sritin is playing a secret word game, in which FIRE is written as DGPC, so what will SHOT be written.

- (a) QFMR (b) QRST  
(c) PQRS (d) SNGR

RPF Constable 25.01.2019 Shift : I

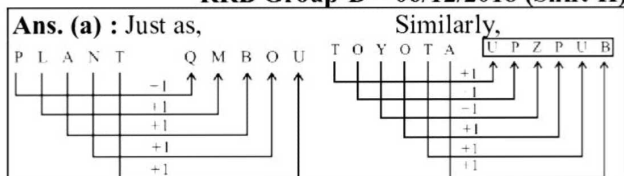


Hence, SHOT = QFMR

184. In a certain code language PLANT is written as QMBOU then how is TOYOTA written in that code?

- (a) UPZPUB (b) UPSZPU  
(c) ZPUBPU (d) PUZUBP

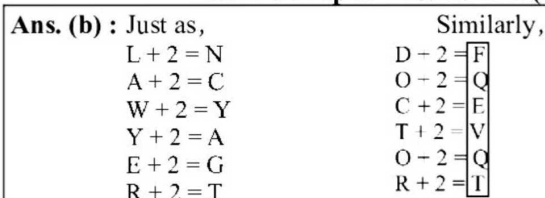
RRB Group-D – 06/12/2018 (Shift-II)



185. In a certain code language LAWYER is written as NCYAGT then how is DOCTOR written in that code?

- (a) FQVEQT (b) FQEVQT  
(c) FEQQVT (d) FVQQET

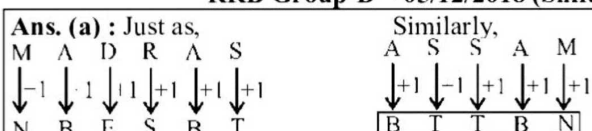
RRB Group-D – 05/12/2018 (Shift-I)



186. In a certain code language MADRAS is written as NBESBT then how is ASSAM written in that code?

- (a) BTTBN (b) BTBNT  
(c) BTBTN (d) BTNTB

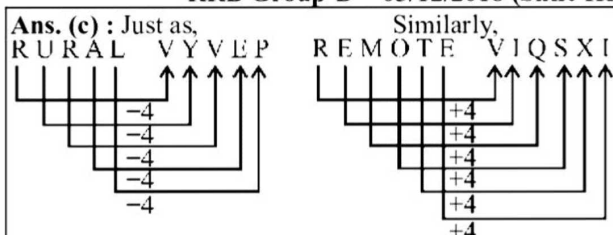
RRB Group-D – 05/12/2018 (Shift-I)



187. In a certain code language RURAL is written as VYVEP then how is REMOTE written in that code?

- (a) VISQXI (b) VIQXIS  
(c) VIQSXI (d) VIQXSI

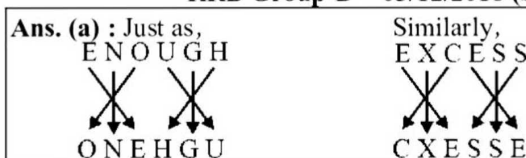
RRB Group-D – 03/12/2018 (Shift-III)



188. In a certain code language ENOUGH is written as ONEHGU then how is EXCESS written in that code?

- (a) CXESSE (b) CXSESE  
(c) ESEXCS (d) CXEESE

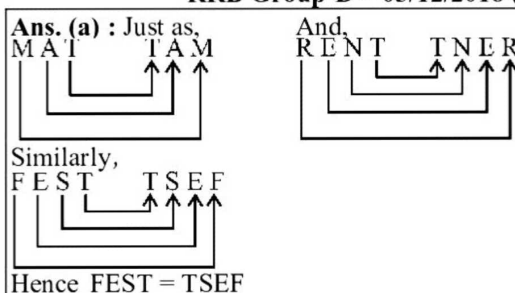
RRB Group-D – 03/12/2018 (Shift-III)



189. In a certain code language MAT is written as TAM, RENT is written as TNER then how is FEST written in that code?

- (a) TSEF (b) FTES  
(c) FSET (d) TESF

RRB Group-D – 03/12/2018 (Shift-III)



190. If INDIAN is coded as NADINI, in the same way EXPERT can be coded as —?

- (a) TREPXE (b) RTPEXE  
(c) TRPEXE (d) TREPEX

RRB Group-D – 27/11/2018 (Shift-I)

Ans. (c) : Just as,

1 2 3 4 5 6 → 6 5 3 4 2 1  
I N D I A N → N A D I N I

Similarly,

1 2 3 4 5 6 → 6 5 3 4 2 1  
E X P E R T → T R P E X E

191. If MEMORY is coded as ROMEMY, in the same way as SCIENTIST can be coded as —?

- (a) SITNEICST (b) SITNELGKL  
(c) ICSTISET (d) TENTVEGS

RRB Group-D – 02/11/2018 (Shift-II)

Ans. (a) Just as,

MEMORY → ROMEMY  
Unarranged letter  
Similarly, SCIENTIST → SITNEICST  
Unarranged letter

192. If CLOCK is coded as BMNDJ, in the same way as WHEEL can be coded as —?

- (a) IDFVJ (b) VIKDJ  
(c) JKVIF (d) VIDFK

RRB Group-D – 02/11/2018 (Shift-III)

Ans. (d) : Just as,

C L O C K  
-1 ↓ +1 ↓ -1 ↓ +1 ↓ -1 ↓  
B M N D J

Similarly,

W H E E L  
-1 ↓ +1 ↓ -1 ↓ +1 ↓ -1 ↓  
V I D F K

193. If MATHEMATICS is coded as NBUIFBUJDT, in the same way as ENGLISH can be coded as —?

- (a) GNELISH (b) FOHMJTI  
(c) HSILGEN (d) HSILGNE

RRB Group-D – 11/12/2018 (Shift-III)

Ans. (b) : Just as,

M A T H E M A T I C S  
+1 ↓ +1 ↓ +1 ↓ +1 ↓ +1 ↓ +1 ↓ +1 ↓ +1 ↓ +1 ↓  
N B U I F N B U J D T

Similarly,

E N G L I S H  
+1 ↓ +1 ↓ +1 ↓ +1 ↓ +1 ↓ +1 ↓  
F O H M J T I

194. If KEEN is coded as PVVM, in the same way as PEAL can be coded as —?

- (a) KVZP (b) KVZO  
(c) KVZN (d) KVZM

RRB Group-D – 01/10/2018 (Shift-II)

Ans. (b) : Just as,

K E E N  
↓ ↓ ↓ ↓  
P V V M

Similarly,

P E A L  
↓ ↓ ↓ ↓  
K V Z O

Note: The given letters are coded with their opposite letters in the English alphabet. Hence, option (b) is correct.

195. If TEAM is coded as WHDP, in the same way as COINS can be coded as —?

- (a) FRLQV (b) RVJQL  
(c) FRLBZ (d) QJPTU

RRB Group-D – 19/09/2018 (Shift-I)

Ans. (a) : Just as,

T E A M → W H D P  
+3 ↑ +3 ↑ +3 ↑ +3 ↑

Similarly,

C O I N S → F R L Q V  
+3 ↑ +3 ↑ +3 ↑ +3 ↑

196. If PEARL is coded as QFBSM, in the same way as SUIT can be coded as —?

- (a) TVJU (b) TVJV  
(c) TVJT (d) TWJU

RRB Group-D – 18/09/2018 (Shift-III)

Ans. (a) : Just as,

P E A R L → Q F B S M  
+1 ↑ +1 ↑ +1 ↑ +1 ↑ +1 ↑

Similarly,

S U I T → T V J U  
+1 ↑ +1 ↑ +1 ↑ +1 ↑

197. If GLOBAL is coded as HMPCBM, in the same way as STAND can be coded as —?

- (a) TUBEO (b) TBOUE  
(c) TBUEO (d) TUBOE

RRB NTPC 30.04.2016 Shift : 3

Ans. (d) : Just as,

G L O B A L → H M P C B M  
+1 ↑ +1 ↑ +1 ↑ +1 ↑ +1 ↑

Similarly,

S T A N D → T U B O E  
+1 ↑ +1 ↑ +1 ↑ +1 ↑ +1 ↑



76. Four pairs of words are given, select odd one out.

- (a) Angle : Angular (b) Poverty : Poor  
(c) Richness : Rich (d) Adversity : Prosperity

RRB NTPC 31.03.2016 Shift : III

Ans. (d) On checking options,

|               |   |                |
|---------------|---|----------------|
| Angle (N)     | → | Angular (Adj)  |
| Poverty (N)   | → | Poor (Adj)     |
| Richness (N)  | → | Rich (Adj)     |
| Adversity (N) | → | Prosperity (N) |

Noun and its adjective are given in all three options while in option (d) the both words are Noun.

77. Which of the following is not related to this group.

- A. Rack B. Window  
C. Door D. Shutter  
(a) C (b) D  
(c) A (d) B

RPF Constable 17.01.2019 Shift : I

Ans. (c) Window, door and shutter is related to house, whereas rack is different to this group.

Hence, option (c) is different from the groups.

78. Which of the following does NOT belong to this group.

- A. Mauve B. Purple  
C. Green D. Pillar  
(a) C (b) B  
(c) D (d) A

RRB Group-D – 19/09/2018 (Shift-II)

Ans. (c) In the following, Mauve, purple and green are indicated to the colours, whereas 'Pillar' belong to the 'Architecture' and it does not indicate to the colour. So 'Pillar' does not belong to this group.

79. Which of the following does NOT belong to this group.

- A. Banana B. Lychee  
C. Lettuce D. Kiwi  
(a) D (b) B  
(c) A (d) C

RRB Group-D – 20/09/2018 (Shift-II)

Ans. (d) : In the given options, Banana, Lychee and Kiwi are a type of fruit, whereas lettuce is a type of grass. So, lettuce does not belong to this group.

80. Select that word which is not belongs to the group.

- (a) Hip-Hop (b) Odissi  
(c) Kathakali (d) Bharatanatyam

RRB Group-D – 20/09/2018 (Shift-III)

Ans. (a) : Kathakali, Bharatanatyam and Odissi are the Indian classical dances, whereas Hip Hop is a foreign dance style.

81. Which of the following does NOT belong to this group.

- A. Circle B. Volume  
C. Square D. Rectangle  
(a) A (b) B  
(c) C (d) D

RRB Group-D – 28/09/2018 (Shift-II)

Ans. (b) In the given group, circle, square and rectangle are a geometric shape, whereas volume is a geometric measurement.

82. Which of the following does NOT belong to this group.

- (A) Hole (B) Skirting  
(C) Gap (D) Crack  
(a) A (b) B  
(c) C (d) D

RRB Group-D – 28/09/2018 (Shift-III)

Ans. (b) : In the given group, hole, gap and crack are the synonyms of each other, and skirting is different of these three. So, option (b) is not related to this group.

83. Find the odd from given options.

- (a) Lead (b) Stick  
(c) Blade (d) Spoon

RRB Group-D – 19/09/2018 (Shift-III)

Ans. (a) : Stick, Blade and Spoon is made up of different elements, whereas lead (Pb) is an element. So lead is odd from given options.

84. Which is odd from the following ?

- A. Dog B. Goat  
C. Cow D. Lion  
(a) C (b) D  
(c) B (d) A

RRB Group-D – 30/10/2018 (Shift-II)

Ans : (b) Dog, Goat and Cow is a pet/domestic animal whereas Lion is a wild animal. So, Lion is not belong to this group.

85. Which of the following does NOT belong to this group.

- A. Fox B. Goat  
C. Horse D. Zebra  
(a) A (b) B  
(c) D (d) C

RRB Paramedical 21.07.2019 Shift : III

Ans. (a) : Fox is a carnivorous animal, whereas goat, horse and zebra are herbivorous animals. So, fox is different from others.

86. Which of the following does NOT belong to this group.

- A. Ant B. Caterpillar  
C. Hamster D. Locust  
(a) A (b) C  
(c) B (d) D

RRB Group-D – 18/09/2018 (Shift-II)

Ans. (b) Hamster is a type of rat which belong to the species of animal whereas Ant, Caterpillar and Locust are related to the insects.

87. Select that is not belongs to group.

- (a) Hydrogen (b) Aluminium  
(c) Gold (d) Silver

RPF Constable 20.01.2019 Shift : II

Ans. (a) Hydrogen is a gas, whereas Aluminium, Gold and Silver are metals.

88. Which of the following does NOT belong to this group.

- A. Spoon B. Fork  
C. Ladle D. Spanner  
(a) A (b) B  
(c) C (d) D

RRB Group-D – 19/09/2018 (Shift-III)

Ans. (d) All other items are used in the kitchen except spanner. So, spanner is different from this group.

$$\begin{array}{cc} \text{(b)} & \text{(d)} \\ \downarrow & \downarrow \\ 19, 375 & 8, 82 \\ \downarrow & \downarrow \\ (19)^2 + 14 & (8)^2 + 14 = 78 \end{array}$$

Hence, option (d) is different from the others.

**266. Choose the number - pair that is different from the other three.**

- (a) 0 : 6 (b) 21 : 46  
(c) 12 : 28 (d) 5 : 14

**RRB NTPC 27.01.2021 (Shift-II) Stage Ist**

**Ans. (a) :** From the given options,

- (a)  $0 : 6 = 0 \times 2 + 4 = 0$  is not compatible  
(b)  $21 : 46 = 21 \times 2 + 4 = 46$  is compatible  
(c)  $12 : 28 = 12 \times 2 + 4 = 28$  is compatible  
(d)  $5 : 14 = 5 \times 2 + 4 = 14$  is compatible

Hence, option (a) is different from others.

**267. Choose the number - pair that is different from the other three.**

- (a) 65 : 16 (b) 49 : 12  
(c) 62 : 15 (d) 33 : 8

**RRB NTPC 27.01.2021 (Shift-II) Stage Ist**

**Ans. (c) :** From the given options,

- (a)  $65 : 16 \Rightarrow 16 \times 4 + 1 = 65$   
(b)  $49 : 12 \Rightarrow 12 \times 4 + 1 = 49$   
(c)  $62 : 15 \Rightarrow 15 \times 4 + 2 = 62$   
(d)  $33 : 8 \Rightarrow 8 \times 4 + 1 = 33$

It is clear from the above that option (c) is different from other three options.

**268. Four numbers have been given, out of which three are alike in some manner and one is different. Select the odd one number.**

- (a) 39 (b) 35  
(c) 37 (d) 41

**RRB NTPC 29.12.2020 (Shift-II) Stage Ist**

**Ans. (d) :** From the given options –

- (a)  $39 = 3 + 9 = 12$   
(b)  $35 = 3 + 5 = 8$   
(c)  $37 = 3 + 7 = 10$   
(d)  $41 = 4 + 1 = 5$

It is clear from the above that option (d) is different.

Note:– For this question, discrepancy is found in question/answer. So, this question is ignored for all candidates.

**269. Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different from the rest.**

- (a) 11 : 13 (b) 17 : 19  
(c) 12 : 15 (d) 21 : 23

**RRB NTPC 09.01.2021 (Shift-I) Stage Ist**

**Ans. (c) :** From the given options,

- (a)  $11 + 13 = 24$  (Even)  
(b)  $17 + 19 = 36$  (Even)  
(c)  $12 + 15 = 27$  (Odd)  
(d)  $21 + 23 = 44$  (Even)

Hence, it is clear that option (c) is different from the rest.

**270. Among the four numerical expression given below, three are alike in some manner and one is different. Select the odd one.**

- (a)  $5 \ 4 \ 2 \ 5 = 51$  (b)  $6 \ 5 \ 8 \ 9 = 28$   
(c)  $8 \ 4 \ 3 \ 7 = 22$  (d)  $7 \ 4 \ 9 \ 3 = 23$

**RRB NTPC 16.01.2021 (Shift-II) Stage Ist**

**Ans. (a) :** From questions,

- (a)  $5 + 4 + 2 + 5 = 16 \neq 51$   
(b)  $6 + 5 + 8 + 9 = 28$   
(c)  $8 + 4 + 3 + 7 = 22$   
(d)  $7 + 4 + 9 + 3 = 23$

Hence, option (a) is inconsistent with the others.

**271. Three of the following four numbers pairs are alike in a certain way and one is different. Pick the odd one out,**

- (a) 5 - 31 (b) 10 - 101  
(c) 3 - 10 (d) 7 - 50

**RRB NTPC 17.02.2021 (Shift-II) Stage Ist**

**Ans. (a) :** From the given options,

- (a)  $5 - 31 \Rightarrow 5^2 + 6 = 31$   
(b)  $10 - 101 \Rightarrow 10^2 + 1 = 101$   
(c)  $3 - 10 \Rightarrow 3^2 + 1 = 10$   
(d)  $7 - 50 \Rightarrow 7^2 + 1 = 50$

It is clear that option (a) is irrelevant from other three options.

**272. Pick the odd one out.**

**3-6, 4-8, 6-18, 8-32, 10-50**

- (a) 8-32 (b) 6-18  
(c) 4-8 (d) 3-6

**RRB NTPC 15.03.2021 (Shift-I) Stage Ist**

**Ans. (d) :** From the given options,

- (a)  $32 - 8 = 24$  (Even)  
(b)  $18 - 6 = 12$  (Even)  
(c)  $8 - 4 = 4$  (Even)  
(d)  $6 - 3 = 3$  (Odd)

The difference of all the digits is an even number whereas the difference of 3-6 is odd number.

**273. Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the odd one.**

- (a) 12 - 96 (b) 16 - 118  
(c) 13 - 104 (d) 15 - 120

**RRB NTPC 28.12.2020 (Shift-I) Stage Ist**

**Ans. (b) :** In the given options (a), (c) and (d) the second number is divisible by the first number. But in option (b) the second number is not perfectly divisible by the first. Hence, option (b) is different among all.

**274. Four options have been given out of which three are alike in some manner and one is different. Select the odd one –**

- (a) (42, 15) (b) (51, 24)  
(c) (32, 13) (d) (72, 45)

**RRB NTPC 05.01.2021 (Shift-I) Stage Ist**

**Ans. (c) :** From the given options,

- (a) (42, 15)  $\Rightarrow$  is divisible by 3  
 (b) (51, 24)  $\Rightarrow$  is divisible by 3  
 (c) (32, 13)  $\Rightarrow$  is co-prime number  
 (d) (72, 45)  $\Rightarrow$  is divisible by 3

Hence, option (c) is inconsistent with the others.

**275. Four years have been given out of which three are alike in some manner and one is different. Select the one that is different from the rest :**

- (a) 2001 (b) 2003  
 (c) 2004 (d) 2002

**RRB NTPC 10.01.2021 (Shift-I) Stage Ist**

**Ans. (c) :** 2004 is the leap year whereas all others are normal years.

**276. Four number pairs have been given, out of which three are alike in some manner and one is different. Select the number pair that is different from the rest.**

- (a) 19 : 361 (b) 23 : 539  
 (c) 28 : 784 (d) 17 : 289

**RRB NTPC 16.01.2021 (Shift-I) Stage Ist**

**Ans. (b) :** From the options,

$$\begin{array}{ll} \text{(a) } 19 : 361 & \text{(b) } 23 : 539 \\ \begin{array}{c} \text{ } \uparrow \\ 19^2 = 361 \end{array} & \begin{array}{c} \text{ } \uparrow \\ 23^2 = 529 \neq 539 \end{array} \\ \text{(c) } 28 : 784 & \text{(d) } 17 : 289 \\ \begin{array}{c} \text{ } \uparrow \\ 28^2 = 784 \end{array} & \begin{array}{c} \text{ } \uparrow \\ 17^2 = 289 \end{array} \end{array}$$

$\therefore$  Option (b) is odd.

**277. Four number clusters have been given out of which three are alike in some manner and one is different. Select the number clusters that is different from the rest.**

- (a) 2336 (b) 1236  
 (c) 1113 (d) 2439

**RRB NTPC 16.01.2021 (Shift-I) Stage Ist**

**Ans. (a) :** The numbers given in options (b), (c) and (d) are not divisible by 3 while the numbers given in option (a) is not divisible by 3.

Hence, option (a) is different from others.

**278. Four numbers have been given, out of which three are alike in some manner and one is different. Select the number that is different from the rest.**

- (a) 416 (b) 749  
 (c) 463 (d) 864

**RRB NTPC 08.02.2021 (Shift-I) Stage Ist**

**Ans. (c) :** From the given options,

$$\begin{array}{ll} \text{(a) } \begin{array}{c} 4 \ 1 \ 6 \\ \text{ } \uparrow \\ 4^2 = 16 \end{array} & \text{(c) } \begin{array}{c} 4 \ 6 \ 3 \\ \text{ } \uparrow \\ 4^2 = 16 \end{array} \boxed{63} \\ \text{(b) } \begin{array}{c} 7 \ 4 \ 9 \\ \text{ } \uparrow \\ 7^2 = 49 \end{array} & \text{(d) } \begin{array}{c} 8 \ 6 \ 4 \\ \text{ } \uparrow \\ 8^2 = 64 \end{array} \end{array}$$

Hence, option (c) is odd one.

**279. 6 6 8 5 5 3 7 3 7 2 5 8 8 7 8 1 5 5 3**

**Using the above series determine which number does not belong to the group.**

**83, 35, 27, 81**

- (a) 27 (b) 81  
 (c) 83 (d) 35

**RPF Constable 25.01.2019 Shift : I**

**Ans. (a) :** The unit digit in all the numbers in the group is third to the right of the tens digit in the series while the unit digit of the number 27 is the fourth digit after the tens digit.

**280. Select that number which is different from given other numbers.**

**157, 571, 599, 387**

- (a) 571 (b) 157  
 (c) 599 (d) 387

**RRB NTPC 18.01.2017 Shift : I**

**Ans. (d) :** In the given number only 387 is divisible by 3. Hence 387 is different from others.

**281. Select the odd term from the following.**

**0.02, 0.020, 2/100, 0.002**

- (a) 0.002 (b) 0.020  
 (c) 0.02 (d) 2/100

**RRB ALP & Tec. (30-08-18 Shift-I)**

**Ans. (a) :** In the given terms,

$$0.02, 0.020, \frac{2}{100} = 0.02$$

The value of the first three terms is same but the fourth term is  $\frac{1}{10}$  times of all others. Hence, the term 0.002 is inconsistent.

**282. Select the number pair that does NOT belong to the following group.**

- (a) (8, 512) (b) (9, 719)  
 (c) (1, 1) (d) (4, 64)

**RRB ALP & Tec. (17-08-18 Shift-III)**

**Ans. (b) :** Except option (b) in all other options, the second number in the given number pairs is the cube of the first number.

**283. Select the odd term from given options.**

- (a) 2197 (b) 441  
 (c) 729 (d) 1331

**RRB JE - 31/05/2019 (Shift-III)**

**Ans. (b) :** Except 441, all others number are completely cube number whereas 441 is a perfect square.

**284. Select the odd term from given options.**

- (a) 168 (b) 176  
 (c) 198 (d) 154

**RRB JE - 27/05/2019 (Shift-I)**

**Ans. (a) :** Except the number in option (a), the middle digit is the sum of the other two digits in all other given numbers. Hence, option (a) is inconsistent.

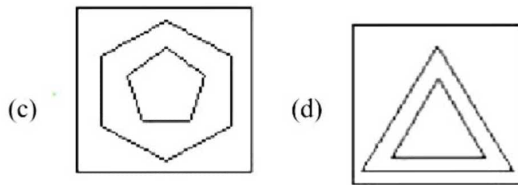
**285. Select the odd term from given options.**

- (a) 400 (b) 225  
 (c) 144 (d) 196

**RRB JE - 01/06/2019 (Shift-I)**

**Ans. (b) :** Option (b) is a square of odd number 15, while options (a), (c) and (d) are squares of even number. So, option (b) is different from other.

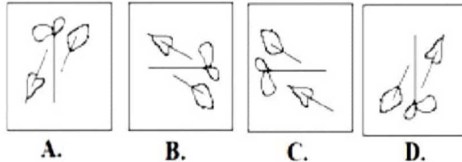




**RRB NTPC 31.07.2021 (Shift-I) Stage Ist**

**Ans. (c) :** It is clear from the given diagrams that option (c) is different from the other.

**298. Four figures have been given, out of which three are alike in some manner and one is different. Select the odd one.**

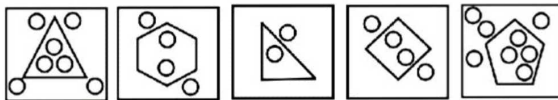


- (a) C (b) A  
(c) D (d) B

**RRB NTPC 08.04.2021 (Shift-I) Stage Ist**

**Ans. (a) :** Figure 'C' is different from other figures. So option (a) is correct.

**299. Out of the four figures listed in the options, one is different from the others in some manner. Select the odd one out.**

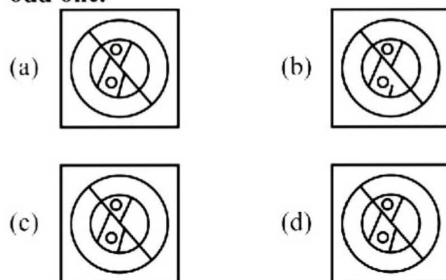


- Figure A Figure B Figure C Figure D Figure E  
(a) Figure A (b) Figure C  
(c) Figure B (d) Figure E

**RRB NTPC 01.03.2021 (Shift-I) Stage Ist**

**Ans. (a) :** In the given figures, option figure (A) is different from others as many circles are located inside the figure as equal number of circles are located outside the figure. Hence, option (a) is correct.

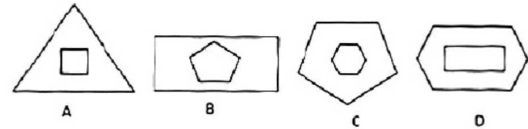
**300. Four figures have been given, out of which three are alike and one is different. Select the odd one.**



**RRB NTPC 07.04.2021 (Shift-I) Stage Ist**

**Ans. (b) :** In the given diagrams, three figures are same except in figure option (b). Hence, it is clear that option (b) is odd one.

**301. Among the four figures listed, three of them follow a common rule and one does not. Select the odd one.**



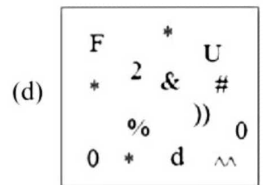
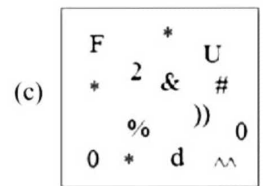
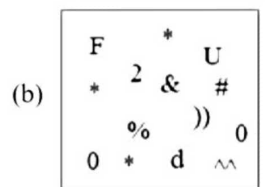
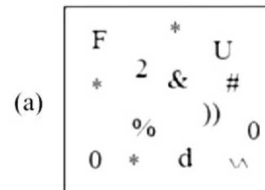
- (a) A (b) B  
(c) C (d) D

**RRB NTPC 23.01.2021 (Shift-I) Stage Ist**

**Ans. (d) :** In the given figures in options (a) (b), and (c) the number of sides in outer figure is one less than the number of sides in inner figure, while in option (d) figure do not follow the common rule.

Hence, option (d) is odd one.

**302. Four figures have been given, out of which three are alike in some manner and one is different. Select the odd figure.**



**RRB NTPC 08.02.2021 (Shift-II) Stage Ist**

**Ans. (a) :** In the given figures, option (a) is different from the other. (v) is located in the figure (a), while (^) is located in the other three figures.

**303. Three of the following figures are alike in a certain way and one is different. Which one is different?**

