

Wipro Reasoning Questions and Answers with Explanation for freshers



(Q. 1-5) In each of the following questions, two rows of numbers are given. The resultant number in each row is to be worked out separately

based on the following rules and the questions below the rows of numbers are to be answered. The operations of numbers progress from the left to

the right.

Rules:

- (i) If an odd number is followed by a two digit even number, then they are to be added.
- (ii) If an odd number is followed by two digit odd number, then the second is to be subtracted from the first number.
- (iii) If an even number is followed by a number which is a perfect square of a number then the second number is to be divided by the first number.
- (iv) If an even number is followed by a two digit even number then the first number is to be multiplied by the second number.

1. I. 15 11 20 400
II. 8 12 10

If the resultant of the second set of numbers is divided by the resultant of the first set of numbers, what will be the outcome?

- A. 196
- B. 200
- C. 19
- D. 92
- E. None of the Above

Answer: E. None of the Above

Explanation:

$15 - 11 = 4$ [Rule ii] $4 * 20 = 80$ [Rule iv] $400 / 80 = 5$ [Rule iii] $r1 = 5$
 $8 * 12 = 96$ [Rule iv] $96 * 10 = 960$ [Rule iv] $r2 = 960$
 $960/5 = 192$

2. I. 40 30 3600
II. 15 24 17

What is the sum of the two resultant numbers of the set of numbers given above?

- A. 22

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- B. 25
- C. 28
- D. 42
- E. None of the Above

Answer: B. 25

Explanation:

$40 * 30 = 1200$ [Rule iv] $3600/1200 = 3$ [Rule iii] $15 + 24 = 39$ [Rule i] $39 - 17 = 22$ [Rule ii]
 $22 + 3 = 25$

- 3. I. 8 16 16 14
- II. 13 11 12 144

What is the difference between the resultant of the first set of numbers and the second set of numbers?

- A. 222
- B. 210
- C. 118
- D. 106
- E. None of the Above

Answer: D. 106

Explanation:

$16 / 8 = 2$ [Rule iii] $16 / 2 = 8$ [Rule iii] $8 * 114 = 112$ [Rule iv] $13 - 11 = 2$ [Rule ii] $2 * 12 = 24$ [Rule iv] $144 / 24 = 6$ [Rule iii] $112 - 6 = 106$

- 4. I. 13 11 4
- II. 17 13 12

If the resultant of the first set of numbers is multiplied by the resultant of the second set of numbers, what will be the outcome?

- A. 48
- B. 96
- C. 69
- D. 75
- E. None of the Above

Answer: B. 96

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Explanation:

$$13 - 11 = 2 \text{ [Rule ii]} \quad 4 / 2 = 2 \text{ [Rule iii]} \quad 17 - 13 = 4 \text{ [Rule ii]} \quad 4 * 12 = 48 \text{ [Rule iv]} \quad 48 * 2 = 96$$

5. I. 19 15 12

II. 15 12 23 16

If the resultant of the second set of numbers is subtracted from the resultant of the first set of numbers what will be the outcome?

- A. 44
- B. 92
- C. 29
- D. 43
- E. None of the Above

Answer: A. 44

Explanation:

$$19 - 15 = 4 \text{ [Rule ii]} \quad 4 * 12 = 48 \text{ [Rule iv]} \quad 15 + 12 = 27 \text{ [Rule i]} \quad 27 - 23 = 4 \text{ [Rule ii]} \quad 16 / 4 = 4 \text{ [Rule iv]} \quad 48 - 4 = 44$$

(Q. 6-10) In each of the following questions, two rows of numbers are given. The resultant number in each row is to be worked out separately

based on the following rules and the questions below the rows of numbers are to be answered. The operations of numbers progress from the left to

the right.

Rules:

- (i) If an even number is followed by another even number they are to be added.
- (ii) If an even number is followed by a prime number they are to be multiplied
- (iii) If an odd number is followed by an even number, the even number is to be subtracted from the odd number
- (iv) If an odd number is followed by another odd number the first number is to be added to the square of the second number
- (v) If an even number is followed by a composite odd number, the even number is to be divided by the odd number.

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6. I. 84 21 13

II. 15 11 44

What is the half of the sum of the resultants of the two rows?

A. 116

B. 132

C. 232

D. 236

E. None of the Above

Answer: A. 116

Explanation:

$$84 / 21 = 4 \text{ [Rule v]} \quad 4 * 13 = 52 \text{ [Rule iii]} \quad R1 = 52$$

$$15 + (11)^2 = 136 \text{ [Rule iv]} \quad 136 + 44 = 180 \text{ [Rule i]} \quad R2 = 180$$

$$(52 + 180) / 2 = 116$$

7. I. 45 18 12

II. 22 14 9

What is the product of the resultants of the two rows?

A. 75

B. 48

C. 45

D. 64

E. None of the Above

Answer: E. None of the Above

Explanation:

$$45 - 18 = 27 \text{ [Rule iii]} \quad 27 - 12 = 15 \text{ [Rule iii]} \quad R1 = 15$$

$$22 + 14 = 36 \text{ [Rule i]} \quad 36 / 9 = 4 \text{ [Rule v]} \quad R2 = 4$$

$$= 15 * 4 = 60$$

8. I. 12 7 16

II. 79 28 15

What is the difference between the resultants of the second row and the first row?

A. 276

B. 176

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- C. 100
- D. 156
- E. None of the Above

Answer: B. 176

Explanation:

$$12 * 7 = 84 \text{ [Rule ii]} \quad 84 + 16 = 100 \text{ [Rule i]} \quad R1 = 100$$

$$79 - 28 = 51 \text{ [Rule iii]} \quad 51 + (15)^2 = 276 \text{ [Rule iv]} \quad R2 = 276$$

$$276 - 100 = 176$$

- 9. I. 36 13 39
- II. 77 30 7

What will be the outcome if the resultant of the second row is divided by the resultant of the first row?

- A. 12
- B. 16
- C. 8
- D. 6
- E. None of the Above

Answer: C. 8

Explanation:

$$36 * 13 = 468 \text{ [Rule ii]} \quad 468 / 39 = 12 \text{ [Rule v]} \quad R1 = 12$$

$$77 - 30 = 47 \text{ [Rule iii]} \quad 47 + 49 = 96 \text{ [Rule iv]} \quad R2 = 96$$

$$R2/R1 = 96/12 = 8$$

- 10. I. 65 11 12
- II. 15 3 11

What is the sum of the resultants of the two rows?

- A. 366
- B. 66
- C. 264
- D. 462
- E. None of the Above

Answer: D. 462

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Explanation:

$$65 + 121 = 186 \text{ [Rule iv]} \quad 186 + 12 = 198 \text{ [Rule i]} \quad R1 = 198$$

$$15 + 9 = 24 \text{ [Rule iv]} \quad 24 * 11 = 264 \text{ [Rule ii]} \quad R2 = 264$$

$$198 + 264 = 462$$

11. Introducing Veena , Kowri said “She is the only daughter of my father’s only daughter”.How is Kowri related to Veena?

- A. Niece
- B. Sister
- C. Aunt
- D. Mother
- E. None of these

Answer – D. Mother

Explanation :Kowri is Veena’s mother.

12. Pointing toward a boy ,Arjun said , “He is the son of only son of my grandfather”.How is the boy related to to Arjun?

- A. Brother
- B. Uncle
- C. Cousin
- D. Father
- E. None of these

Answer - A. Brother

Explanation :Grandfather son – father son : brother.

13. A man is said to lady , “Your mother’s husband’s sister is my aunt”. How is the lady related to to the man?

- A. Mother
- B. Sister
- C. Daughter
- D. Aunt
- E. Grand daughter

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Answer – B. Sister

Explanation :

Lady's mother's husband : Father

Lady's father's sister : Aunt. Hence lady is man's sister.

14. Pointing to Kamal, Sheeba said , “ His mother's brother is the father of my son Akilesh”.
How is Kamal related to Sheeba?

- A. Niece
- B. Nephew
- C. Aunt
- D. Sister-in-law
- E. None of these

Answer - B. Nephew

Explanation :

Father of Sheeba's son : Sheeba's husband

Kamal: Sister son of Sheeba's husband. Hence Kamal is Sheeba's Nephew.

15. Pointing to a photograph ,Nithish said, “She is the mother of my son's wife's daughter”.
How is Nithish related to lady?

- A. Son
- B. Uncle
- C. Father
- D. Father – in – law
- E. None of these

Answer - D. Father – in – law

Explanation :

Nithish's son's wife's daughter – Nithish's son's daughter

Mother of daughter of Nithish's son – Wife of Nithish's son

Hence Arun is the father-in-law of the lady.

16. If Kiran says, “Rocky's mother is the only daughter of my mother”, How is Kiran related to Rocky?

- A. Brother

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- B. Father
- C. Uncle
- D. Grand father
- E. None of these

Answer - C. Uncle

Explanation :

Daughter of Kiran's mother – Kiran's Sister.

So Kiran is an Uncle of Rocky.

17. Pointing to a man, Dinesh said, " His only brother is the father of my daughter's father". How is the man related to Dinesh?

- A. Father
- B. Grand father
- C. Uncle
- D. Brother
- E. None of these

Answer – C. Uncle

Explanation :

Father of Dinesh daughter's father : Dinesh's father

So man is the brother of Dinesh's father.

18. Aswin said , " This girl is the wife of the grandson of my mother". Who is Aswin to that girl?

- A. Husband
- B. Father
- C. Brother
- D. Uncle
- E. Father-in-law

Answer - E. Father-in-law

Explanation :

Grandson of my mother : son

Wife of Aswin's son : Aswin's Daughter-in-law.

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Therefore, Ashwin is a Father-in-law to that girl

19. Pointing to an old man, Jeeva said, " His son is my Son's uncle". How is the old man related to Jeeva ?

- A. Father
- B. Uncle
- C. Brother
- D. Grandfather
- E. None of these

Answer – A. Father

Explanation :

Jeeva's son's uncle : Jeeva's Brother.
Hence old man is the Father of Jeeva.

20. A woman introduce a man as the son of the brother of her mother. How is the man related to the woman?

- A. Son
- B. Nephew
- C. Uncle
- D. Cousin
- E. None of these

Answer - D. Cousin

Explanation :

Brother of mother : Uncle
Uncle's son: Cousin.

CLASSIFICATION

21. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group ?

- A. bcd
- B. ghst

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- C. nmlv
- D. vxzw
- E. akhi

Answer: E. akhi

Explanation: This only contain vowels

22. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group ?

- A. ICICI Bank
- B. HSBC Bank
- C. AXIS Bank
- D. YES Bank
- E. HDFC Bank

Answer: B. HSBC Bank

Explanation :HSBC bank HQ alone located in London...remaining are located in MUMBAI

23. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group ?

- A. Bhartiya Mahila bank
- B. Punjab National bank
- C. Indian Bank
- D. Punjab & Sid Bank
- E. Oriental bank of commerce

Answer: C. Indian Bank

Explanation :Indian Bank HQ located in Chennai remaining HQ – New Delhi

24. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group ?

- A. Speak
- B. Think
- C. Ponder

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- D. Consider
- E. Reflect

Answer: A. Speak

Explanation :Speak – in the form of language

25. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group ?

- A. Iron
- B. Chlorine
- C. Aluminium
- D. Mica
- E. Hydrogen

Answer: D. Mica

Explanation :Mica is not an element

ANALOGY

26. Energy : Joule :: Resistance : ?

- A. Current
- B. Ohm
- C. Power
- D. Ampere

Answer: B. Ohm

Explanation :Second is the unit of measuring first.

27. Injury : Pain :: Thunder :: ?

- A. Lightning
- B. Sound
- C. Fear
- D. Rain

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Answer: A. Lightning

Explanation :First causes the second

28. Despotic : Tyranny :: Generous : ?

- A. Partiality
- B. Morality
- C. Neutrality
- D. Liberality

Answer: D. Liberality

Explanation :Second is the quality possessed by the first

29. 14 21 35 57 88 ?

- A. 182
- B. 129
- C. 166
- D. 127
- E. 180

Answer: B. 129

Explanation :

$$21 - 14 = 7$$

$$35 - 21 = 14$$

$$57 - 35 = 22 \quad 14 - 7 = 7; 22 - 14 = 8$$

30. 13, 21, 37, 61, ?, 133

- A. 96
- B. 93
- C. 92
- D. 97
- E. None of these

Answer: B. 93

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Explanation:

$$21 - 13 = 8$$

$$37 - 21 = 16$$

$$61 - 37 = 24....$$

31. 9, 10, 18, 57, ?, 1125

A. 164

B. 230

C. 210

D. 224

E. 115

Answer: D. 224

Explanation :

$$9 * 1 + 1 = 10$$

$$10 * 2 - 2 = 18$$

$$18 * 3 + 3 = 57$$

$$57 * 4 - 4 = 224$$

33. 14, 8, 7, 11.5, 22, ?

A. 56

B. 59

C. 53

D. 58

E. 52

Answer – A. 56

Explanation :

$$14 * 0.5 + 1 = 8$$

$$8 * 1 - 1 = 7$$

$$7 * 1.5 + 1 = 11.5$$

34. 13, 14, 26, 108, ?, 13712

A. 836

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- B. 896
- C. 842
- D. 856
- E. 824

Answer – D. 856

Explanation :

$$13 * 1 + 1 = 14$$

$$14 * 2 - 2 = 26$$

$$26 * 4 + 4 = 108$$

$$108 * 8 - 8 = 856$$

$$856 * 16 + 16 = 13712$$

35. 12, 14, 19, 36, ?, 358

- A. 105
- B. 104
- C. 106
- D. 102
- E. 101

Answer – E. 101

Explanation :

$$12 + 1^2 + 1 = 14$$

$$14 + 2^2 + 1 = 19$$

$$19 + 4^2 + 1 = 36$$

$$36 + 8^2 + 1 = 101.$$

36. Conclusions:

- I. Some Pens are not Pencils
- II. Some Erasers are Pencils

Statements:

- A. Some Scales are Pencils. No Pencil is Eraser. All Erasers are Pens
- B. All Scales are Pencils. No Pencil is Eraser. Some Erasers are Pens
- C. No Scale is Pencil. No Pencil is Eraser. All Erasers are Pens
- D. All Scales are Pencils. All Pencils are Erasers. No Eraser is Pen.

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E. None

Answer - D. All Scales are Pencils. All Pencils are Erasers. No Eraser is Pen.

37. Conclusions:

- I. Some Bats are Cats
- II. Some Mats are not Rats

Statements:

- A. All Mats are Cats. Some Rats are not Cats. Some Mats are Bats.
- B. Some Cats are not Rats. All Cats are Mats. All Mats are Bats.
- C. All Cats are Rats. No Rats are Mats. No Mats are Bats.
- D. Some Cats are Rats. No Rats are Mats. Some Mats are Bats.
- E. None

Answer – B. Some Cats are not Rats. All Cats are Mats. All Mats are Bats

38. Conclusions:

- I. Some Universities are not Hospitals
- II. All Schools being Colleges is a possibility

Statements:

- A. Some Hospitals are Schools. All Schools are Universities. No University is College.
- B. All Hospitals are Schools. All Schools are Universities. Some Universities are Colleges
- C. All Hospitals are Schools. No School is University. Some Universities are Colleges
- D. Some Hospitals are Schools. Some Schools are Universities. All Universities are Colleges
- E. None

Answer - C. All Hospitals are Schools. No School is University. Some Universities are Colleges

39. Conclusions:

- I. Some Oranges are not Kiwis
- II. Some Apples are not Bananas

Statements:

- A. Some Kiwis are Apples. No Apple is Orange. All Orange are Bananas
- B. All Kiwis are Apples. Some Apples are Oranges. All Oranges are Bananas
- C. No Kiwi is Apple. All Apples are Oranges. No Orange is Banana
- D. No Kiwi is Apple. No Apple is Orange. All Oranges are Bananas

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E. None

Answer – C. No Kiwi is Apple. All Apples are Oranges. No Orange is Banana

40. Conclusions:

- I. Some TV's are Laptops
- II. Some Desktops are TV's

Statements:

- A. All TV's are Mobiles. Some Mobiles are Desktops. No Desktop is Laptop
- B. Some TV's are Mobiles. No Mobiles is Desktop. All Desktops are Laptops
- C. Some TV's are Mobiles. All Mobiles are Desktops. No Desktop is Laptop
- D. All TV's are Mobiles. No Mobile is Desktop. All Desktop are Laptops
- E. None

Answer – E. None