

## General Intelligence and Reasoning

Directions (for next 5 questions): Read the following information carefully and answer the questions, which follow :

'A – B' means 'A is father of B'

'A + B' means 'A is daughter of B'

'A ÷ B' means 'A is son of B'

'A × B' means 'A is wife of B'

**Question:** Which of the following means P is grandson of S ?

(1)  $P + Q - S$

(2)  $P \div Q \times S$

(3)  $P \div Q + S$

(4)  $P \times Q \div S$

(5) None of these

Ans. (3)

**Question:** How is P related to T in the expression 'P + S – T' ?

(1) Sister

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(2) Wife

(3) Son

(4) Daughter

(5) None of these

Ans. (1)

**Question:** In the expression ' $P + Q \times T$ ' how is T related to P ?

(1) Mother

(2) Father

(3) Son

(4) Brother

(5) None of these

Ans. (2)

**Question:** In the expression ' $P \times Q - T$ ' how is T related to P ?

(1) Daughter

(2) Sister

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(3) Mother

(4) Can't be determined

(5) None of these

Ans. (4)

**Directions (for next 6 questions):** In each of the questions below are given four statements followed by four conclusions numbered I, II, III and IV, You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

## Question:

**Statements:** All silver are metals. All metals are steel. Some steel are stones. All stones are stands.

**Conclusions:** I. Some stands are metals. II. Some stones are silver. III. Some stands are steel. IV. Some stones are steel.

(1) Only III and IV follow

(2) Only I follows

(3) Only II follows

(4) Only III follows

(5) None follows

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Ans. (1)

## Question:

**Statements:** All chairs are tables. All tables are songs. Some songs are rhythms. Some rhythms are pillows.

**Conclusions:** I. Some tables are chairs. II. All tables are rhythms. III. All chairs are songs. IV. Some pillows are songs.

(1) Only I and III follow

(2) Only I and IV follow

(3) Only I follows

(4) Only III follows

(5) None follows

Ans. (1)

## Question:

**Statements:** Some mobiles are pens. Some pens are covers. Some covers are plates. All plates are papers.

**Conclusions:** I. All mobiles are covers. II. Some pens are papers. III. All plates are pens. IV. Some papers are mobiles.

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(1) Only I follows

(2) Only II follows

(3) Only 1 and IV follow

(4) Only II and IV follow

(5) None follows

Ans. (5)

## Question:

**Statements:** All shoes are tables. Some tables are lanes. All caps are lanes. Some lanes are row.

**Conclusions:** I. Some tables are rows. II. Some tables are shoes. III. Some rows are caps. IV. Some lanes are shoes.

(1) Only I and II follow

(2) Only II follows

(3) Only III follows

(4) Only either I or IV follows

(5) None of these

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Ans. (2)

## Question:

**Statements:** All brands are bottles. All bottles are machines. All machines are files. All files are roots.

**Conclusions:** I. Some flies are machines. II. Some brands are roots. III. Some machines are roots. IV. All brands are flies.

(1) None follows

(2) Only I follows

(3) Only IV follows

(4) All follow

(5) Only I and IV follow

Ans. (4)

## Question:

**Statements:** Some symbols are numbers. Some numbers are letters. All alphabets are symbols. All pianos are letters.

**Conclusions:** I. Some symbols are letters. II. Some numbers are pianos. III. No letter is symbol. IV. Some symbols are alphabets.

- (1) Only I follows
- (2) Only II follows
- (3) Only III and IV follow
- (4) Only IV follows
- (5) Either I or III and IV follow

Ans. (5)

**Direction (next 4 questions) :** Study the following information carefully and answer the questions given below :

P, Q, R, S, T, V and W are sitting around a circle facing at the centre. V is second to the left of P and second to the right of W. T is third to the right of Q and is not an immediate neighbour of V. S is third to the right of R.

**Question:**

Who is second to the right of Q?

- (1) R
- (2) W
- (3) T
- (4) S

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(5) None of these

Ans. (1)

**Question:**

Who is to the immediate left of S?

(1) V

(2) T

(3) Q

(4) W

(5) None of these

Ans. (4)

**Question:**

Who is to the immediate right of R?

(1) W

(2) T

(3) P



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(4) Data inadequate

(5) None of these

Ans. (2)

## Question:

In which of the following groups is the first person sitting between the second and the third persons ?

(1) RPQ

(2) TWS

(3) QPR

(4) QVS

(5) None of these

Ans. (5)

**Direction (next 6 questions) :** Study **the** following arrangement carefully and answer the questions given below:

R5#3\$MDP14F©A6EW

J2@8K8Q7%UTI\*V9

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## Question:

Which of the following is the seventh to the left of the nineteenth from the left end of the above' arrangement?

- (1) D
- (2) U
- (3) ©
- (4) 8
- (5) None of these

Ans. (3)

## Question:

What should come next In the following series based on the above arrangement?

53\$ P4F 6WJ 88Q ?

- (1) UI
- (2) UT
- (3) UIV
- (4) UTV

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(5) None of these

Ans. (1)

**Question:**

How many such consonants are there in the above arrangement each of the which is immediately preceded by a letter and immediately followed by a number?

(1) None

(2) One

(3) Two

(4) Three

(5) More than three

Ans. (3)

**Question:**

If all the symbols in the above arrangement are dropped, which of the following will be the sixteenth from the right end ?

(1) F

(2) W

(3) J

(4) 8

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(5) None of these

Ans. (1)

## **Question:**

How many such symbols are there in the above arrangement each of which is immediately preceded by a number and immediately followed by a consonant ?

(1) None

(2) One

(3) Two

(4) Three

(5) More than three

Ans. (2)

## **Question:**

How many such vowels are there in the above arrangement each of which is immediately preceded by a symbol and immediately followed by a number ?

(1) None

(2) One

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(3) Two

(4) Three

(5) More than three

Ans. (2)