

REASONING ABILITY Puzzles



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Reasoning Ability - Puzzles

Direction [1 – 5]: Study the following information and answer the following questions:

Seven friends Akil, Nikil, Samuel, Manish, Praveen, Arun, and Frank went for shopping to different showrooms – Levi's, Allen Solly, Adidas, Puma, Denim, Basics and Woodland and bought different colors of dress – red, blue, green, yellow, pink, black and violet but not necessarily in the same order. Nikil went to Denim but did not buy yellow or pink color dress. Samuel bought red color dress but did not go to Allen Solly or Basics. Praveen went to Puma and bought black dress. The one who bought blue dress went to Woodland. Manish went to Levi's, Frank likes violet color, Akil did not go to Woodland. The one who likes yellow colour went to Allen Solly.

1. Who bought blue dress?

- A. Akil
- B. Nikil
- C. Arun
- D. Praveen
- E. Samuel

2. Which color dress Nikil bought?

- A. Green
- B. Blue
- C. Red
- D. Violet
- E. None of these



3. Which shop Argument?

- A. Adidas
- B. Basics
- C. Levi's
- D. Woodland
- E. Puma

4. Who went to Adidas?

- A. Akil
- B. Frank
- C. Nikil
- D. Manish
- E. Samuel

5. Which of the following combination is correct?



- A. Frank – Basics – Red
- B. Samuel – Puma – Red
- C. Arun – Woodland – Violet
- D. Akil – Allen Solly – Yellow
- E. None of these

Directions [6 – 10]: Study the following information and answer the question given below:

Eight person – D, E, F, G, H, I, J and K pursues a different profession-Chef, Doctor, Lawyer, engineer, Interior , Decorator, Professor, Electrician and Actor. Each person plays different Sport-Cricket, Hockey, Chess, Football, Badminton, Wrestling, Boxing and Tennis- But not necessarily in the same order. D, who plays wrestling, is neither an interior Decorator nor an electrician. E is a Doctor and does not play hockey& boxing but the person who is an engineer always play cricket. The person who plays hockey is a lawyer. Chef plays football. J does not play cricket E plays tennis. One who plays chess is on Actor, Whereas H and I play boxing and football respectively, G and F plays hockey and badminton respectively but the latter is neither an interior decorator nor professor.

6. Who among the following is on Actor?

- A. F
- B. J
- C. K
- D. Data inadequate
- E. None of these



7. What is the profession of K?

- A. Actor
- B. Electrician
- C. Engineer
- D. Interior Decorator
- E. None of these

8. One who plays wrestling is-

- A. Professor
- B. Doctor
- C. Lawyer
- D. Engineer
- E. Interior Decorator

9. Which of the following pairs represents the person associated with cricket and chess respectively?

- A. F and J
- B. K and J
- C. D and F
- D. Data inadequate



E. None of these

10. Which of the following is correctly matched?

- A. F – electrician – hockey
- B. G- Lawyer- badminton
- C. H- Interior Decorator- Chess
- D. I – Chef- Football
- E. None of these

Direction [11 – 15]: Study the information and answer the question given below:

Five friends Rahul, Suraj, Jasmine, Lalit and Maria wears different colors of Suits, Viz. – Silver, Blue, Grey, White and Pink (not necessarily in the same order). Each friend has different color of tie viz. Red, Brown, Yellow, Black and Golden. Suraj, who has golden color tie, is not in blue suit. Jasmine is in pink suit but her tie color is not red and yellow. Maria has brown colored tie but she is neither in blue nor in white suit, Lalit has yellow colored tie. Rahul do not wear blue or silver color suit. One who wears grey suit have red coloured tie.

11. What is the color of Lalit 's suit?

- A. Pink
- B. Blue
- C. White
- D. Silver
- E. None of these



12. Which person has black color tie?

- A. Rahul
- B. Jasmine
- C. Maria
- D. Lalit
- E. None of these

13. Who wears white color suit?

- A. Suraj
- B. Jasmine
- C. Rahul
- D. Lalit
- E. Maria

14. Which of the following combination is true-

- A. Suraj- grey suit
- B. Rahul – blue suit
- C. Maria- white suit



- D. Lalit- Pink suit
- E. None of these

15. Rahul wear which color tie?

- A. Red
- B. brown
- C. yellow
- D. black
- E. None of these

Directions [16 -20]: Study the following information carefully to answer the given questions.

Five women Rani, Kanchan, Roopal, Anushka and Kajal are born in Delhi, Bangalore, Mumbai, Goa and Kolkata. These women are working in U.P, Punjab, Delhi and two are in Haryana – not necessarily in the same order. One women born and work in same state. Rani and Kanchan are neither work in Haryana nor they born in Delhi and Mumbai. Anushka and Kajal are neither work in Punjab nor in U.P and they are born neither in Bangalore nor in Kolkata. Goa is not the birth state of Rani and Roopal. The women who, works in U.P born in Goa. Kajal does not work in Delhi. Roopal does not work in Punjab and the women who, works in Punjab born in Bangalore.

16. Who born and works in same states?

- A. Kajal
- B. Anushka
- C. Rani
- D. Roopal
- E. Kanchan

17. Which of the following pairs is the correct match of women and birth place?

- A. Roopal, Kolkata
- B. Anushka, Mumbai
- C. Rani, Goa
- D. Kanchan, Bangalore
- E. None of these

18. Who among them following works in Haryana?

- A. Roopal&Kajal
- B. Roopal&Anushka
- C. Rani&Kajal
- D. Rani&Roopal
- E. None of these

19. Who among them following born in Kolkata?



- A. Kajal
- B. Anushka
- C. Roopal
- D. Rani
- E. None of these

20. Bangalore is the birth place of which women?

- A. Anushka
- B. Roopal
- C. Kanchan
- D. Kajal
- E. Rani

Directions [21 – 25]: Study the following information carefully and answer the questions given below:

Twelve friends A, B, C, D, E, F, G, H, I, J, K and L were born in different months of the same year. A was born in the month of April and G was born in the month of August. J was born in the month immediately preceding the month in which K was born and immediately succeeding the month in which C was born. J was not born in the month of October nor in February. There is a gap of two months between the birthdays of L and B. There were 30 days in the month in which L was born. D was born in the month immediately after the month in which I was born. There were 31 days in the month in which D was born. There is a gap of one month between the birthdays of B and F. E and H were born in that months which had 31 days each.

21. In which of the following months B was born?

- A. December
- B. June
- C. March
- D. November
- E. September

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

- A. L
- B. A
- C. J
- D. K
- E. B

23. Who among the following was born in the month of February?

- A. J
- B. L
- C. E or H



- D. C
- E. I

24. How many friends did celebrate their birthdays after F?

- A. None
- B. Three
- C. Four
- D. Five
- E. Six

25. If I is related A and B is related to J on the basis of months in which they were born, then with which of the following L is related on the same basis?

- A. G
- B. A
- C. K
- D. E
- E. H

Directions [26-30]: Study the following information carefully and answer the questions given below:

Six plays A, B, C, D, E and F are to be staged starting from Monday and ending on Sunday with one of the days being an off day, not necessarily in the same order, Each of the plays has different time duration: 1/2 hour, 1 hour, 1 1/2 hours, 2 hours, 2 1/2 hours and 3 hours, again not necessarily in the same order.

Sunday is not an off day and a Play of 1/2 hour duration is staged on that day. Play A is staged immediately before Play E. There are two plays staged between Play F which is for 3 hours and Play C which is for 1 1/2 hours. The off day is after the staging of Play E and there are two days between the off day and Play A. Play D which is for 2 hours is not staged on Monday. The play staged immediately before the off day is of 3 hours. Play A is for less than 2 1/2 hours.

26. What is the time duration of Play B?

- A. 2 1/2 hours
- B. 2 hours
- C. 1 hour
- D. 1/2 hour
- E. None of these

27. Which day is the off day?

- A. Tuesday
- B. Monday
- C. Friday
- D. Saturday
- E. Cannot be determined



28. Which of the following combinations of Play – Day – Time Duration is correct?

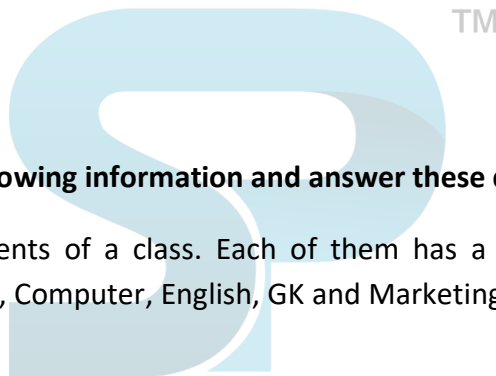
- A. E – Wednesday – 2 hours
- B. A – Tuesday – 1 hour
- C. C – Thursday – 1 1/2 hours
- D. F – Tuesday – 3 hours
- E. None is correct

29. On which day is Play D staged?

- A. Wednesday
- B. Saturday
- C. Tuesday
- D. Friday
- E. Cannot be determined

30. How many plays are staged before the off day?

- A. Two
- B. One
- C. Five
- D. Three
- E. None of these



Directions [31–35]: Study the following information and answer these questions:

P, Q, R, S, T, U and G are students of a class. Each of them has a different favourite subject, viz. Reasoning, Mathematics, Banking, Computer, English, GK and Marketing but not necessarily in the same order.

There are two such students whose one brother each is there in the group. There is no other relation among the students. No girl likes Mathematics or GK. S, who does not like Computer and English, is the sister of that student who likes Marketing. The student who likes Computer is the brother of that girl student who likes Reasoning. U is a girl student. Q is brother of P.

31. Which of the following is a pair of Brother-Sister other than P and Q?

- A. S and V
- B. S and R
- C. V and U
- D. Data inadequate
- E. None of these

32. Which of the following is true?

- A. S likes Reasoning.
- B. R, Q and S are girl students.
- C. T and U are boy students.



- D. The number of girls is more than that of boys in the group.
- E. None of these

33. Who likes GK?

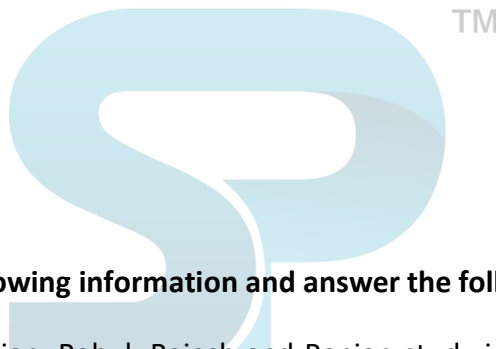
- A. Only R
- B. Only T
- C. Only Q
- D. Either R or T
- E. None of these

34. How many boys are there in the group?

- A. Two
- B. Three
- C. Four
- D. Data inadequate
- E. None of these

35. Which of the following combinations of student-subject is correct?

- A. S-Mathematics
- B. U-English
- C. P-GK
- D. Q-Banking
- E. None of these



Directions [36-40]: Study the following information and answer the following questions:

Seven friends Ravi, Raju, Raja, Rajan, Rahul, Rajesh and Ranjan study in three different colleges A, B, C and four different branches of engineering -Mechanical, Chemical, Electronics and Electrical not necessarily in the same order. At least one of them and not more than three of them study in any one college and any one branch. Raju studies mechanical in college B. Ravi and Rajan study in college A but in different branches. Rahul studies chemical and he is in college C with Raja. Neither Rajesh nor Ranjan studies in college A. The only person who studies electronics is in college C. Ranjan studies electrical. Ravi does not study chemical. Rajan and Raju are in same branch and only two people study chemical. Rajesh studies in college B.

36. Who studies electronics?

- A. Raju
- B. Rajan
- C. Raja
- D. Ravi
- E. Rahul

37. In which branch Rajesh study?



- A. Mechanical
- B. Chemical
- C. Electrical
- D. Electronics
- E. Can't be determined

38. Which college has maximum number of students?

- A. A
- B. B
- C. Either A or B
- D. C
- E. Either B or C

39. Which of following pair are in same college?

- A. Ravi, Raju
- B. Raja, Rajan
- C. Rajesh, Raju
- D. Rahul, Rajan
- E. None of these

40. In which branch Ravi studies?

- A. Mechanical
- B. Chemical
- C. Electrical
- D. Electronics
- E. Can't be determined



Directions [41 – 45]: Study the following information carefully to answer the given questions:

Seven participants F, B, G, A, D, C and E from seven different states, viz Rajasthan, Karnataka, Tripura, Assam, Punjab, Chhattisgarh and Gujarat, but not necessarily in the same order, participate in a dance competition. All of them perform seven different folk dances, viz Bagurumba, Sammi, Panthi, Garba, Hojagiri, Kalbelia and Yakshagana, but not necessarily in the same order.

The one who performs Panthi does not belong to Punjab. B is from Tripura and does not perform Garba. The one who is from Assam performs Bagurumba. The one who is from Karnataka performs neither Garba nor Hojagiri. F is from Gujarat. D is from Rajasthan and performs Kalbelia dance. G performs Yakshagana but he is neither from Chhattisgarh nor from Punjab. A performs Sammi and E performs Panthi.

41. Who performs Garba?

- A. C
- B. E
- C. D



- D. F
- E. None of these

42. Which of the following combinations is correct?

- A. Rajasthan – Sammi
- B. Punjab – Kalbelia
- C. Chhattisgarh– Panthi
- D. Chhattisgarh– Kalbelia
- E. None of these

43. B performs which of the following folk dances?

- A. Panthi
- B. Bagurumba
- C. Hojagiri
- D. Sammi
- E. None of these

44. Who is from Karnataka?

- A. C
- B. G
- C. E
- D. Cannot be determined
- E. None of these



45. C is from which state?

- A. Rajasthan
- B. Karnataka
- C. Chhattisgarh
- D. Assam
- E. None of these

Directions [46–50]: Study the following information carefully and answer the questions given below.

A, B, C, D, E, F, G and H are eight students in a class. Three of them play cricket and badminton each and two of them play hockey. Each one of them has a different height.

The tallest does not play hockey and the shortest does not play cricket. F is taller than A and D but shorter than H and B. E, who does not play cricket, is taller than B and is second to the tallest. G is shorter than D but taller than A.

H, who is the fourth from the top, plays badminton with D.

G does not play either cricket or hockey. B does not play hockey.



46. Who is the tallest?

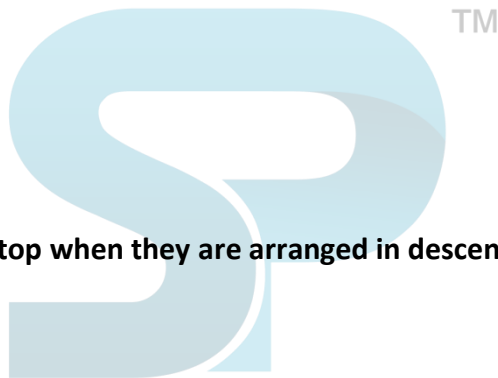
- A. B
- B. H
- C. C
- D. Data inadequate
- E. None of these

47. Who is the shortest?

- A. G
- B. D
- C. H
- D. Data inadequate
- E. None of these

48. Which of the following pairs of students plays hockey?

- A. EF
- B. HE
- C. HF
- D. Data inadequate
- E. None of these



49. What is F's position from the top when they are arranged in descending order of their height?

- A. Third
- B. Fifth
- C. Fourth
- D. Sixth
- E. None of these

50. Which of the following groups of students plays cricket?

- A. CAE
- B. CBF
- C. CAB
- D. ABC or BCF
- E. None of these



Answers and Explanation:

1. Answer: C

Explanation [1-5]:

Person	Shop	Colour
Akil	Allen Solly	Yellow
Frank	Basics	Voilet
Nikil	Denim	Green
Samuel	Adidas	Red
Manish	Levi's	Pink
Arun	Woodland	Blue
Praveen	Puma	Black

2. Answer: A

3. Answer: D

4. Answer: E

5. Answer: D

6. Answer: B

Explanation [6 – 10]:

Person	Profession	Game
D	Professor	Wrestling
E	Doctor	Tennis
K	Engineer	Cricket
I	Chef	Football
G	Lawyer	Hockey
J	Actor	Chess
H	Interior Decorator	Boxing
F	Electrician	Badminton



7. Answer: C



8. Answer: A

9. Answer: B

10. Answer: D

11. Answer: B

Explanation [11 – 15]:

Person	Suit	Tie
Suraj	White	Golden
Jasmine	Pink	Black
Maria	Silver	Brown
Lalit	blue	Yellow
Rahul	Grey	Red



12. Answer: B

13. Answer: A

14. Answer: E

15. Answer: A

16. Answer: A

Explanation [16 – 20]:

Women's Name	Works in	Born in
Anushka	Delhi	Delhi
Kanchan	U.P.	Goa
Rani	Punjab	Bangalore
Kajal	Harayana	Mumbai
Roppal	Harayana	Kolkata

16. Answer: B



17. Answer: A

18. Answer: A

19. Answer: C

20. Answer: E

21. Answer: E

Explanation [21 – 25]:

Month	Friend
January	E / H
February	I
March	D
April	A
May	E / H
June	L
July	F
August	G
September	B
October	C
November	J
December	K



21. Answer: E

22. Answer: C

23. Answer: E

24. Answer: D

25. Answer: A

26. Answer: D

Explanation [26 – 30]:



Days	Play	Duration
Monday	C	1 ½ hours
Tuesday	A	1 hour
Wednesday	E	2 ½ hour
Thursday	F	3 hour
Friday	–	Off day
Saturday	D	2 hours
Sunday	B	½ hour

26. Answer: D

27. Answer: C

28. Answer: B

29. Answer: B

30. Answer: E

31. Answer: D

Explanation [31– 35]:

Let us tabulate the given information. No girl likes Mathematics or GK implies that those who like Mathematics and GK are males. S is a female because she is the sister of that student who likes Marketing. And one who likes Marketing is a male because there are two such students whose one brother each is there in the group. On similar basis one who likes Computer is a male. The Reasoning student is a female. U is a female and Q is a male.

Now arrange the above information in the table given below.

Note: M and F represent male and female respectively.

S and U are females. Therefore, S and U do not like Mathematics, Computer, GK or Marketing. From the question part it is clear that S does not like English. Put cross marks (x) in corresponding cells.

Note that S is the sister of the male who likes Marketing while one who likes Computer is the brother of the girl who likes Reasoning. What did you observe here? One of the persons in each pair is a male. Since Q is the brother of P, P is a female. Put a sign of F beside P in table. Thus Computer-Reasoning combination implies that P likes Reasoning whereas Q likes Computer.

After putting tick mark and cross marks it becomes evident that S likes Banking. Once again put tick mark and cross marks in corresponding cells. What do you get now? U likes English. But we still do not know who like Mathematics, GK and Marketing respectively, among R, T and V. But these persons are male. Why? See the sign of M used beside these subjects. Put sign of M beside R, T and V.



Person	Subjects						
	Rea (M)	Mat (F)	Ban	Com (F)	Eng	GK (F)	Mar (F)
P (M)		X	X	X	X	X	X
Q (F)	X	X	X		X	X	X
R (F)	X	-	X	X	X	-	-
S (M)	X	X		X	X	X	X
T (F)	X	-	X	X	X	-	-
U (M)	X	X	X	X		X	X
V (F)	X	-	X	X	X	-	-

32. Answer: E

33. Answer: E

34 Answer: C

35 Answer: B

36. Answer: C

Explanation [36 – 40]:

Person	Dept	College
Ravi	Electrical	A
Raju	Mech	B
Raja	Electronics	C
Rajan	Mech	A
Rahul	Chemical	C
Rajesh	Chemical	B
Ranjan	Electrical	C/B



Person Dept College

- Ravi Electrical A
- Raju Mech B
- Raja Electronics C
- Rajan Mech A
- Rahul Chemical C
- Rajesh Chemical B
- Ranjan Electrical C/B

36 Answer: C

37 Answer: B

38 Answer: E



39 Answer: C

40 Answer: C

41. Answer: D

Explanation [41 – 45]:

Participant	State							Dance						
	Cha	Pun	Tri	Guj	Kar	Raj	Ass	Gar	Pan	Bag	Kal	Hoj	Sam	Yak
A	X		X	X	X	X	X	X	X	X	X	X		X
B	X	X		X	X	X	X	X	X	X	X		X	X
C	X	X	X	X	X	X		X	X		X	X	X	X
D	X	X	X	X	X		X	X	X	X		X	X	X
E		X	X	X	X	X	X	X		X	X	X	X	X
F	X	X	X		X	X	X		X	X	X	X	X	X
G	X	X	X	X		X	X	X	X	X	X	X	X	

Participant	State	Dance
A	Punjab	Sammi
B	Tripura	Hojagiri
C	Assam	Bagurumba
D	Rajasthan	Kalbelia
E	Chhattisgarh	Panthi
F	Gujarat	Garba
G	Karnataka	Yakshagana



Participant State Dance

- A Punjab Sammi
- B Tripura Hojagiri
- C Assam Bagurumba
- D Rajasthan Kalbelia
- E Chhattisgarh Panthi
- F Gujarat Garba
- G Karnataka Yakshagana

41. Answer: D

42. Answer: C

43. Answer: C

44. Answer: B



45. Answer: D

46. Answer: C

Explanation [46 – 50]:

Persons	Cricket	Badminton	Hockey
A	X	X	
B		X	X
C		X	X
D	X		X
E	X	X	X
F		X	
G	X		X
H	X		X

46. Answer: C

47. Answer: E

48. Answer: E

49. Answer: B

50. Answer: B





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