Puzzles Workshop

Time: 30 mins **Ideal score: 15+**

Matrix based

1. There are six boys P, Q, R, S, T and U. They want to go out with six girls A, B, C, D, E and F, not necessarily in the same order. The pairs went to different cities Delhi, Mumbai, Kolkata, Chennai and two of them went to Jaipur. They like different bikes viz KTM, Bullet, Pulsar and Apache. But KTM and Bullet are preferred by two pairs.
P and S visit Jaipur but do not like either KTM or Apache. U does not go out with E. Both of them do not like Pulsar. D and C wants to go to Delhi and Kolkata respectively. The persons visiting Mumbai like the same bike as Q does. R goes out with F to Mumbai but does not like either Bullet or Apache. Q goes to Delhi. T does not go out either with A or B; he does not go to Kolkata; he likes neither Pulsar nor Bullet. P doesn't like to travel with B and not via Pulsar.
S travels with whom on which bike _____

Linear Straight line

2. More than six friends are seated in line facing South while some are facing North. (1) Tim faces south. Only three people sit to the left of Tim. (2) Only two people sit between Tim and Queen who likes Pear and Banana respectively. (3) Uber and sits third to the right of Watson. (4) Watson likes apple is an immediate neighbour of neither Tim nor Queen. (5) Watson does not sit at any of the extreme ends of the line. (6) Both the immediate neighbours of Smith face north and like banana and orange. (7) Smith is not an immediate neighbour of Watson. (8) Only one person sits between Smith and Prince and none of them like kiwi. (9) Prince likes mango and faces the same direction as Watson, who is opposite direction of Vivian. (10) The immediate neighbours of Queen face opposite directions (ie if one neighbour faces north then the other faces south and vice versa) and one of the neighbour like strawberry. (11) Persons sitting at extreme ends face opposite directions. (12) Ricky likes pineapple and faces a direction opposite that of Smith. Vivian ka fruit: _____

Blood Relationship puzzles

3. In a family of ten persons – P, Q, R, S, T, U, V, W, X and Y – there are five males and five females. All the persons have either their favourite hobby or professions viz. Cooking, Reading, Painting, Gardening, Dancing, Singing, Cricket, Football, Teacher and Doctor. No couple like the version of same hobby. In the family of three generations, each male member except Q and W, has two brothers and one sister. The granddaughter of Y does not like Cricket, Q has no brother. P does not like Cooking. No female member likes either Dancing or cooking. X is mother-in-law of U and she likes Football. V, who likes Singing, is the daughter-in-law of Q. S who likes Painting is the unmarried brother of T, who does not like Gardening. R is the brother-in-law of U but he does not like Gardening, Dancing or Cooking. T is V's sister-in-law. Q's mother is W's wife, who does not like Teaching. The grand parents do not like any hobby.

Floor based

4. Nine people A, B, C, D, E, F, G, H and J stay on diff floor of a 9 floor building. All of them own one activity each one has a different activity, ie batting, grazing, white Rafting, Bowling, Yelling, Grinding, Riding, Ogling and packing. The ground floor is 1, the topmost floor is numbered 9.

a) There are two floors between people of Riding and Bowling.
b) H does Bowling and stayed on an even-numbered floor.
a) A stays on any even floor below the floor on which H stays.
b) C stays three floors below G.
c) The one who does Ogling stays on the fourth floor.
d) E stays on the second floor and does white Rafting activity.
e) The one who does packing activity stays on the third floor.
f) A does not do Grinding activity.
g) C does grazing activity.
h) D stays on a floor immediately above J floor.
i) There is one floor between the floors on which F and G stay.
j) F does not do the packing activity.
k) The one who does the batting stays on the topmost floor.
l) F does not stay on the ground floor.

Circular Arrangement

5. Eight Cetking students A, B, C, D, E, F, G and H are sitting around a circular table but not necessarily in the same order. Some of them are facing outward. They are working at four stalls, viz Cloth, Food, Footwear and Book, in a trade fair. Two persons are working at each stall.
1 C sits third to the left of H, who works at the Footwear stall, and both are facing the same direction. 2 G sits on the immediate right of B, who works at the Cloth stall. 3 C and B are not facing the same direction but C is an immediate neighbor of E, who is fourth to the left of G. 4 E and G both are facing opposite directions but both work at the same stall.
5 Those who work at the Cloth stall sit adjacent to each other but face opposite directions. 6 The person, who work at the Food stall sit opposite each other. 7 The immediate neighbour of E are not facing outward. 8 a person who works at the Footwear stall is an immediate neighbour of the both persons who work at the Book stall. 9 D and F are immediate neighbour of H. 10 D is not facing the centre and works at the Book stall. 11 The one who is on the immediate left of F is not facing the centre. F sits second to the right of C.

Parallel Arrangement

6. Ten persons are sitting in two parallel rows containing five persons each. In row 1, Priyanka, Deepika, Katrina, Sonam and Sonakshi are facing south. Inrow 2, Hema, Rekha, Jaya, Madhubala and Jeenat facing north.
In the given seating arrangement, each member seated in a row faces another member of the other row. Moreover, each of them belongs to different countries — Pakistan, Afghanistan, Bangladesh, Kazakhstan, Syria, UAE, Dubai, Egypt, Nigeria and Turkey but not necessarily in the same order.
There are only two persons sitting between the person from Pakistan, who sits at an extreme end, and Sonakshi. Hema, who sits in the middle of the row, is not an immediate neighbour of Rekha, who is not a person of Turkey. Jeenat is sitting at an extreme end. Sonakshi, a Syrian, sits on the immediate right of the person from Afghanistan and faces the immediate neighhour of Rekha. Deepika is not sitting at the extreme left end. Hema is not from Nigeria. There is only one person between Katrina and Sonam, who is from Pakistan. Madhubala, who is from UAE, is an immediate neighbour of the person from Turkey and does not face the person from Bangladesh. Jaya, who is from Kazakhstan, is an immediate neighbour of the person from Nigeria, who in turn faces the immediate neighbour of the person from Syria. There are two persons between the person from Dubai and Bangladesh. Deepika is not from Dubai. Jeenat is not from Egypt.

Matrix

P	A xB	Jaipur	Bullet xKTM xApa xPulsar
S	B	Jaipur	Pulsar xKTM xApa
R	F	Mumbai	KTM xBullet, xApa
Q	D	Delhi	KTM xBullet, xApa
T	E xA, xB	Cennai xKol	Apa xPul xBull
U	C	Kol	Bullet xPul

Linear Arrangement

P	Q	S	U	T	R	W	V
Mng	Banana	Straw	Org	Pear	Pine	Apple	Kiwi
S	N	N	N	S	S	S	N

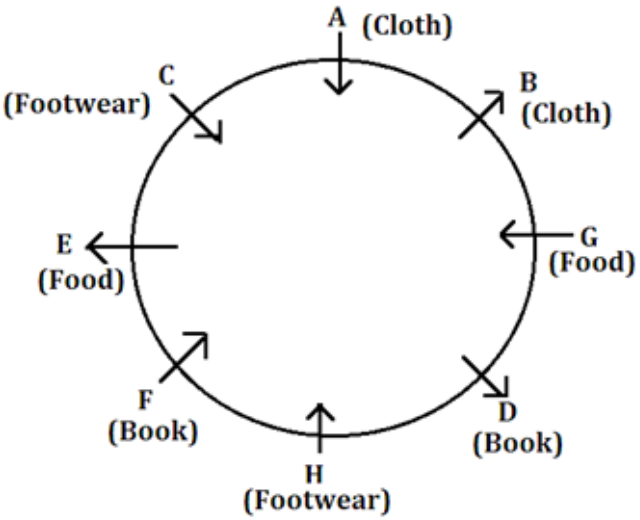
Blood Relationship puzzles

P	Male	Dancing
X	Fem	Football
V	Fem	Singing
S	Male	Painting
T	Fem	Reading
R	Male	Cricket
Q	Male	Cook
U	Female	Gardening
Y	Fem	Doc
W	Male	Tea

Floor based

B	Batting	9
H	Bowling	8
F	Grinding	7
A	Yelling	6
G	Riding	5
D	Ogling	4
J	Packing	3
E	White Rafting	2
C	Grazing	1

Circular



Parallel