



Memory Based Puzzles Asked in IBPS Prelims 2017

1. A, B, C, D, P, Q, R, S seated straight line facing north. All have different ages 14, 16, 17, 19, 21, 23, 26, 31, but not same order. B sit extreme on the end of the line. Three people sit between B and 16 yr old. 23 yr old sits second left of Q. Q sits right of 16 year old but not immediate. Two persons sit between 23 year old and D. Three persons sit between 26 yr and C. C sits right of the person whose age is 26 year. Neither B nor D are 26 year old. The difference of ages of neighbors of D is 5. Oldest is not neighbor of D. D is not oldest. P sits right of 31 yr old. More than one sit between 31 and 19 yr old. A sits second right of R.

2. Ten persons A, B, C, D, E, P, Q, R, S and T attend seminar on different days of the week. Only two persons attend seminar on a day in the morning and in the evening. There are two times on a day in which seminars are organized i.e. 10 a.m. and 3 p.m. The days are starting from Monday to Friday. P attend seminar on Wednesday on 3 p.m. A attend seminar above P but not immediate above and he does not attend seminar on 3 p.m. C does not attend seminar on Tuesday. T does not attend seminar on 3 p.m. Only four persons attend seminar between C and R. C attends seminar above R. Only three persons attend seminar between Q and C. Q attends seminar in the morning. There are only four seminars are held between T and D. D does not attend seminar on Monday. There are two days gap between S and E. S attends seminar in the evening.

3. Eight persons M, N, O, P, Q, R, S, W have their birthdays on 10th and 27th of four different months i.e. March, April, May, June not necessarily in the same order. M has birthday on 10th of a month which is having 31 days. Only one person has birthday before N. Number of persons between M and N is one less than the number of persons between N and W. O and P were held in same month having 30 days, but not in April. R has birthday after S. Only three persons have birthday between N and Q. O was held before P.

4. Ram, Manoj, Shiva, Aman, Rajeev, Vijay, Ravi and Rakesh are eight employees of an enterprise and they will attend a seminar in the four months (May, June, August & September). The seminar held in each month on 8th and 20th date. Only two seminars held in a month. None of the person can attend the seminar after Shiva. Aman does not attend the seminar in the month of 31 days. Rajeev and Ravi attends seminar after Aman on date 20th of different months, while Ram & Manoj attend the seminar before Aman and Manoj attends after Ram in the same month. Rakesh does not attend the seminar in the month in which either Rajeev attends or Shiva attends.



5. Eight friends—J, K, L, M, N, O, P and Q live on eight different floors of a building but not necessarily in the same order. The lowermost floor of the building is numbered one, the one above that is numbered two and so on till the topmost floor is numbered eight. J lives on floor numbered 4. Only one person lives between J and L. O lives on the floor immediately below L. Only one person lives between O and P. P lives above O. O lives on floor numbered 5. Only one person lives between K and N, M lives on an even numbered floor but does not live on floor numbered 8. K lives below Q's floor.

6. In an apartment eight persons D, E, F, G, H, I, J, K are living on floors from lowermost (1st) to topmost (8th) floor and they belong to different specializations of engineering namely Chemical, Mechanical, Automobile, Electrical, Software, Aeronautical, Instrumentation and Civil.

Mechanical Engineer lives on 4th number floor. D lives on odd number floor above 3. The number of persons between D and I is same as number of persons between D and Electrical Engineer. Instrumentation Engineer lives on lowermost floor. K lives on even number floor and K specialized in Automobile Engineering. There are two floors between E and H. E lives above H. E is specialized in Aeronautical engineering. J lives just above Aeronautical engineer. Number of floors between Aeronautical and Mechanical Engineer is two. The Civil Engineer lives on odd number floor. Number of floors between Chemical Engineer and J is 4. Floor between Civil Engineer and F is same as floor between F and G. I lives below the floor which D lives.

7. There are 7 persons A, B, C, D, E, F and G born in 7 different months January, February, March, April, June, August, and October. A is born in the month having less than 31 days but not in April. There are 3 persons born between A and C. B is born on one of the days after D. No person is born between B and D. E is born on one of the days before G. E is not born in a month having maximum number of days. No person is born between G and E.

8. Eight boxes A, B, C, D, E, F, G and H are arranged top to bottom but not necessarily in the same order. 3 boxes are placed between A and B. H is seated immediately below A. There are 2 boxes between H and G. There are as many boxes in between C and D as between H and B. C is seated above D. E is seated immediately below D. 3 boxes are there between E and F.

9. M, N, O, P, Q, R, S and T are sitting around a circle. Equal number of persons are facing towards the center and outside. O sits 2nd to the right of R. R is facing towards

STUDENT'S SENNA



the center. There are 2 persons in between O and N. S sits 2nd to the right of O. T sits on the immediate right of N. S and N are facing opposite direction (if S is facing center then N is facing outside and vice versa). There are 3 persons in between P and Q. Both P and M are not immediate neighbours of R. Q sits 2nd to the right of M. Both T and Q faces opposite direction of O.

10. Eight persons P, R, S, T, U, V, W and Z are sitting in a circle and some of them facing inside and some of them are facing outside of the circle but not necessarily in the same order. S sits third to the left of U. Only one person sits between U and V who is not a neighbour of S. W sits second to the right of V. Z sits third to the right of U. R sits second to the right of T but not a neighbour of V. S and R are facing opposite direction as that of T. Immediate neighbours of V facing same direction. W and P are facing same direction as Z. V faces inside.

11. Eight boxes D, E, G, H, I, J, M and N are placed in eight different racks but not in same order. Four boxes are there between G and E. N is placed immediately below J and one box is there between J and M. As many persons between H and M is there between N and I. Only two boxes are there between H and I. H is placed above I and G but not on topmost rack.

12. Seven persons A, B, C, D, E, F and G are born in seven different months viz. January, March, May, July, August, October and December but not in same order. Only four members are born between A and D. A born before D. C is not born on March. Two persons born between C and E. C born before E. G born on one of the months after July but before September. F is not born before C.

13. A, B, C, D, W, X, Y and Z are sitting around a square table. Four of them are sitting at the centre of sides and other four are sitting at the corners. Those who are sitting at the centre of sides are facing outside and those who are sitting at the corners are facing inside.

A is sitting at one of the corners of the table. There are two people sitting between A and D. One person is sitting between D and W. W is not an immediate neighbor of A. Three people sit between D and C. B is sitting third to right of C. 2 people are sitting between C and X. Y is sitting immediate right of B.

14. Eight persons – J, K, L, M, N, O, P and Q are sitting in a straight line. Some of them are facing north and remaining are facing south.



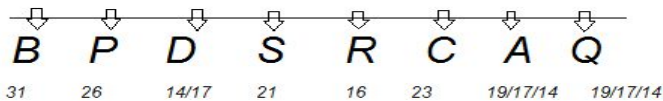
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K is sitting at third position from one of the two ends. Two persons are sitting between K and O. One person is sitting between O and M. M is facing North direction. M is not an immediate neighbor of K. Two persons are sitting between M and L. L is facing same direction as M. L is sitting third to left of J. N is immediate neighbor of J. Both the neighbors of J are facing opposite direction as J (i.e. if J is facing north direction, then his both neighbors are facing south direction and vice versa). Q is an immediate neighbor of K and both are facing opposite directions. P is sitting second to right of L. P is facing same direction as N. O and L are facing opposite directions.

15. There are eight persons A, B, C, D, E, F, G and H sitting around circular table. All of them are facing the center, but not necessarily in the same order. B sits third to the left of H. There are only one person sits between H and H's husband. G is the husband of A. D sits immediate left of B. C sits third right of A, but C is not immediate neighbor of H's husband. There are three person's sits between A and her husband. C is the spouse of F. B's spouse does not sits immediate right of A's husband.

Solutions:

1. From left to right



2.

MON	10AM	A
MON	3PM	B
TUE	10AM	T
TUE	3PM	S
WED	10AM	C
WED	3PM	P



STUDENT'S SENA

THUR	10AM	E
THUR	3PM	D
FRI	10AM	Q
FRI	3PM	R

3.

MAR	10	O
MAR	27	N
APR	10	P
APR	27	W
MAY	10	M
MAY	27	Q
JUNE	10	O
JUNE	27	P

4.

MAY 31	8	RAM
MAY 31	20	MANOJ
JUNE 30	8	AMAN
JUNE 30	20	RAJEEV
AUG 31	8	RAKESH
AUG 31	20	RAVI
SEPT 30	8	VIJAY
SEPT 30	20	SHIVA

5

8	Q
7	P



STUDENT'S SENA

6	L
5	O
4	J
3	K/N
2	M
1	N/K

6.

8	J	ELECTRICAL
7	E	AERONAUTICAL
6	K	AUTOMOBILE
5	D	CIVIL
4	H	MECHANICAL
3	F	CHEMICAL
2	I	SOFTWARE
1	G	INSTRUMENTATION

7. January – C

February – E

March – G

April – F

June – A

August – D

October – B

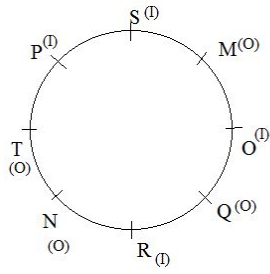
8. From top to bottom:

B C G F A H D E

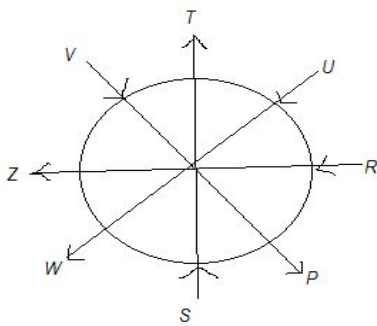
9. I-INSIDE O-OUTSIDE



STUDENT'S SENNA



10.



11.

8	D
7	H
6	G
5	M
4	I
3	J
2	N
1	E

12.

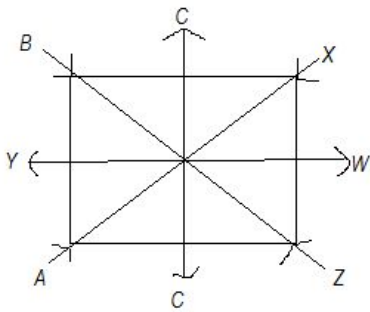
MONTHS	PERSONS
JAN	B



STUDENT'S SENA

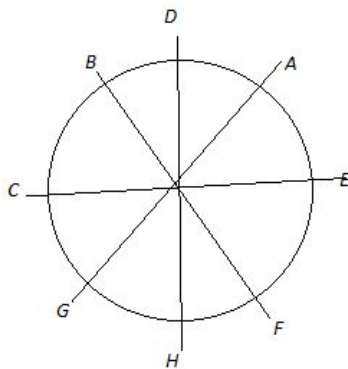
MAR	A
MAY	C
JULY	F
AUG	G
OCT	E
DEC	D

13.



14.....M.....P.....O.....L.....Q.....K.....J.....N
 Direction.....(N) (S) (S) (N) (N) (S) (N) (S)

15.



HERE + INDICATES MALE
 - INDICATES FEMALE
 G(+)=A(-)
 C(+/-)=F(+/-)
 B(+/-)=D(+/-)
 H(-)=E(+)