

## Reasoning

### Section - III

#### Set-I

Six persons X, Y, Z, M, N and O of different parties P, Q, R, S, T and U have been declared as winners from 6 different cities. Their symbols are chair, table, rose, tree and book.

Tree was not the election symbol of party S

O, who belongs to party R, has won either with election symbol rose or chair

Lotus is the election symbol of party T.

Y does not belong to party T or to party S.

Book is not the election symbol of party U.

N and M, who won their elections on the symbols table and rose not necessarily in that order, and they belong to party Q and party P not necessarily in that order.

121. What was the election symbol of O?

- a. Chair   b. Rose   c. Lotus   d. Table   e. Cannot be determined

122. To which party does Y belong to?

- a. S   b. T   c. U   d. P   e. Cannot be determined

123. Who has won on the election symbol Lotus?

- a. X   b. Y   c. X or Y   d. X or Z   e. Z

124. Book was the election symbol of which party?

- a. U   b. T   c. S   d. V   e. Cannot be determined

125. Which of the following is definitely true?

- a. Either I or J    b. O and F    c. B    d. H    e. None of these
147. Who among the following may play as a result of a cause not mentioned?  
I. B    II. G    III. H  
a. I only    b. II and III    c. I and II    d. II only    e. III only
148. If D plays, who among the following must also play?  
a. M and N    b. J    c. G and M    d. F    e. None of these
149. If G plays, who else might play?  
I. M and D    II. L and E    III. H  
a. Only II    b. Either I or II but not both    c. I and III    d. II and III    e. I, II and III
150. If A plays, who else must play?  
a. C    b. F or N    c. O    d. L    e. None of these

- a. F has to occupy chair 1
- b. A has to occupy chair 7
- c. G cannot occupy chair 2
- d. G or E can occupy chair 2 or 4, not necessarily in that order.
- e. None of these

**Set – V**

A cricket team has to be picked from 15 players A,B,C,D,E,F,G,H,I,J,K,L,M,N and O for World Cup - 2003.

If A plays, then either I or J plays but not both

O plays only if I plays.

G plays if I or J plays

F plays only if J plays

C plays only if O or F plays

If G plays then M or N or both play

N plays if F plays

M plays if O plays

B plays only if I or J plays but not both

D plays if either M or N play or if both of them play.

E plays only if D plays

H plays if C plays

L plays if either H or D play or if both of them play.

144. If A plays, who among the following might also play?

- t. M&O    ii. F & N    iii. B    iv. G
- a. I        b. II and III or IV    c. II        d. III or IV        e. I or IV

145. If I plays, who else must play?

- a. C and H    b. G and M    c. G        d. C and G        e. C

146. If C plays, who among the following must also play?

C must be seated in a suspension chair.

F must be seated on one of the extremes.

B must be seated on chair 3.

A and C must be seated on adjacent chairs.

D and G should not be seated on adjacent chairs.

139. If A is seated on chair 2, then which of the following must be true?

- I. E must be seated on chair 5
  - II. G might be on chair 6.
  - III. C might be on chair 6.
- a. I only    b. I and II only    c. I and II or III    d. III only    e. None of these

140. If D is seated on chair 2, then which of the following must be false?

- a. C occupies chair 6
- b. A occupies chair 5 or Chair 7.
- c. F occupies chair 7
- d. B occupies chair lies between D & G
- e. None of these

141. If E is seated on a suspension chair, which of the following must be true?

- a. A occupies chair 2.
- b. E can not be given a suspension chair as then D and G would occupy adjacent chairs.
- c. F occupies chair 1.
- d. E occupies chair 1.
- e. None of these

142. If B and E occupy adjacent chairs, which of the following cannot be true?

- a. D or G only can sit on chair 2
- b. F can sit on chair 7
- c. A can sit on chair 2
- d. G can sit on chair 6
- e. None of these.

143. If C gets chair 6, which of the following must be true?

A took leave neither in 'Janmashtami' nor in 'Deepavali'

B went on leave neither in October nor in January.

C took his leave either in 'Dassera' or in 'Id-ul-fitr'

Dassera and Deepavali are celebrated in October or November, though not necessarily in that order.

D took leave in January, but did not celebrate 'Holi'

E and F celebrated Dassera and Deepavali but not necessarily in that order.

C went on leave immediately after 'D' but not before 'B'.

Christmas will be celebrated in December immediately after Deepavali.

133. Who took leave in the month of March?

- a. F    b. B    c. A    d. D    e. Cannot be determined

134. During which festival did B take leave?

- a. Holi    b. Deepavali    c. Christmas    d. Janmashtami    e. Dassera

135. In which of the following months is the festival Id-ul-fitr celebrated?

- a. January    b. February    c. March    d. December    e. None of these.

136. Which of the following persons celebrated Deepavali?

- a. F    b. E    c. B    d. C    e. Cannot be determined

137. Which of the following persons celebrated Janmashtami?

- a. D    b. A    c. B    d. C    e. F

138. During which of the following months will E take leave?

- a. November    b. December    c. October    d. January    e. Cannot be determined

Set-IV

There are seven chairs in a classroom, numbered 1 to 7, which are to be assigned to seven students A, B, C, D, E, F and G, not necessarily in that order. The chairs are arranged in a row. Only chairs 1 and 6 are suspension chairs.

- a. Z has contested with election symbol Lotus.
- b. M belongs to party Q.
- c. N has been elected with election symbol Rose
- d. Y has been elected with election symbol Tree.
- e. None of these

126. Which of the following may be true?

- a. O has contested with symbol Rose.
- b. Lotus is the election symbol of Z
- c. Table is not election symbol of X.
- d. Book is the election symbol of T
- e. None of these.

Set - II

There are seven faculties - Anubhav, Jagannath, Sridhar, Deependra, Prashant, Priya and Rachana. All faculties have phones in their house. All the phone number consists of 7 distinct digits in cyclic order. No phone number has the digit 0, 1 and 9. Phone number of Anubhav is strictly in ascending order. He paid extra money for that. No digit is repeating its place. 8 is the middle digit of Priya's phone number. 2 is at second last place in Jagannath's number. The phone number Prashant starts with the digit 7. Neither 4 nor 2 is the middle digit in Rachana's phone number.

127. What is the phone number of Jagannath?

- a. 4567823
- b. 6237458
- c. 5678234
- d. 4876532
- e. Cannot be determined

128. Whose phone number is 6782345?

- a. Deependra
- b. Sridhar
- c. Rachana
- d. Anubhav
- e. Cannot be determined

129. What is difference between the phone numbers of Anubhav and Priya?

- a. 3322556
- b. 3332556
- c. 3432556
- d. 3456544
- e. None of these

130. Priya wants to discuss a question with Prashant. What number will she dial to talk to him?

- a. 5273468
- b. 8465327
- c. 7823456
- d. 6768356
- e. Data inadequate

131. What is the last digit of Rachana's number?

- a. 7
- b. 6
- c. 5
- d. Cannot be determined
- e. None of these

132. Which one is definitely correct?

- a. Deependra - 6782345
- b. Sridhar - 8234567
- c. Priya - 5678234.
- d. Anubhav - 8675432
- e. None of these

Set - III

There are six persons A, B, C, D, E and F in the editorial department of MAGNUS. No member can go for leave in the 1st half of financial year (from April to September). No two of them can take leave simultaneously. But they managed to take their leaves one by one from October to March for a month each in their respective festivals Janmashtami, Deepavali, Id-ul-fitr, Holi, Dassera and Christmas.