

	2×5	4^2	5^2
	(10, 16, 25)		
	(18, 27, 64)	3^3	4^2
A	(87, 95, 56)		
B	(56, 71, 31)		
C	(51, 58, 36)		
D	(41, 49, 21)		

Vicky, Sonu, Nupur, Kumar, Vikas, Nonu, Ela and Kusum are sitting around a circular table but not necessarily in the same order. Not all are facing the centre. Immediate neighbours facing the same direction means if one neighbour faces the centre then the other neighbour also faces the centre and if one neighbour faces outward then the other neighbour also faces outward. Immediate neighbour faces the opposite direction means if one neighbour faces the centre then the other neighbour faces outward and vice versa.

Vicky sits third to the right of Vikas. Vicky is not an immediate neighbour of either Ela or Sonu. Kumar and Vicky face the direction same as that of Vikas.

Only one person sits between Sonu and Nonu. Kusum sits third to the right of Nonu.

Kumar sits on the immediate right of Kusum. Kusum faces outward.

Nupur sits second to the left of Ela. Ela is not an immediate neighbour of Nonu.

Nupur faces a direction opposite that of Nonu. The immediate neighbours of Nupur face opposite direction.

31. Four of the following five are alike in a certain way based on the directions they are forming and so form a group. Which is the one that does not belong to that group?

- A. Sonu, Nupur B. Kusum, Kumar C. Ela, Kusum D. Vikas, Vicky E. Nonu, Vikas

32. Who among the following sit exactly between Kusum and Nonu when counted from the right of Kusum?

- A. Ela and Vicky B. Kumar and Ela C. Nupur and Sonu D. Vicky and Kumar E. None of these

33. What is Nupur's position with respect to Vikas?

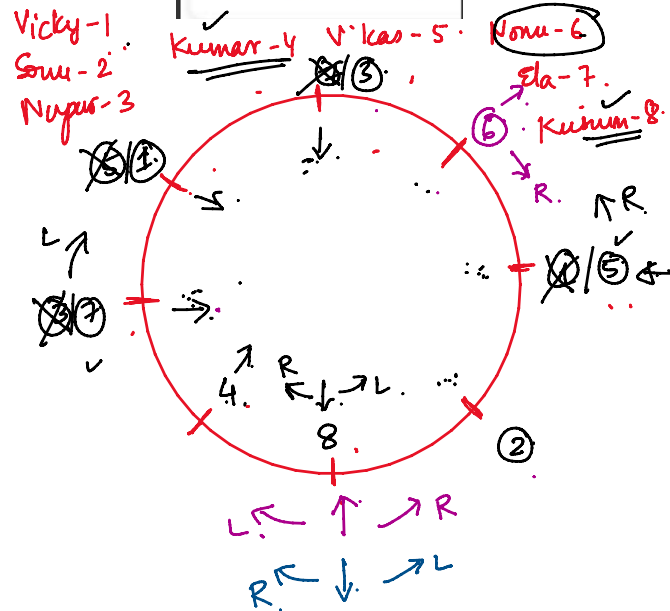
- A. Immediate right B. Third to the right C. Second to the right D. Third to the left E. None of these

34. Who amongst the following are immediate neighbours of Ela?

- A. Kumar and Vikas B. Sonu and Kumar C. Vicky and Kusum D. Vikas and Sonu E. None of these

35. Which of the following persons is sitting fourth to right of Sonu?

- A. Vikas B. Kumar C. Sonu D. Nonu E. None of these



Eight persons S, T, U, V, W, X, Y and Z are sitting (not necessarily in the same order) around a circular table facing the centre in the "Central Library". All of them like different novelists viz. Arvind Adiga, Chetan Bhagat, Jhumpa Lahiri, Amish Tripathi, Amitav Ghosh, Ruskin Bond, V.S. Naipaul and Arundhati Roy but not necessarily in the same order.

- The one who likes Chetan Bhagat is to the immediate right of W and W does not like Arvind Adiga.
- T is sitting fourth to the right of Z.
- X likes Amish Tripathi and is sitting third to the right of the one who likes Chetan Bhagat.
- The one who likes Ruskin Bond is sitting second to the left of the one who likes Amish Tripathi.
- The one who likes V.S. Naipaul is sitting second to the left of W.
- S who likes Jhumpa Lahiri is sitting exactly between X and Z.
- The one who likes Amitav Ghosh is sitting second to the right of the one who likes Jhumpa Lahiri.
- U is sitting third to the left of X.
- W is sitting third to the left of Y.
- Neither T nor Z is an immediate neighbour of W.

36. What is the position of the one who likes Jhumpa Lahiri with respect to the one likes Ruskin Bond?

- A. Second to the left B. Third to the right C. Sixth from the left
D. Fifth from the right E. Fourth to the left

37. Which of the following novelists is liked by W?

- A. Amitav Ghosh B. Ruskin Bond C. Either A or B D. Arundhati Roy E. None of these

38. How many persons are sitting between U and the one who likes Amitav Ghosh, when counted from the left of latter?

- A. One B. Two C. Three D. Four E. More than four

39. X is related to Arundhati Roy in a way, S is related to Chetan Bhagat in the same way then who is related to Arvind Adiga in the same way?

- A. V B. T C. Z D. Can't be determined E. None of these

40. Which of the following combinations is wrongly matched?

- A. U – Chetan Bhagat B. V – Amitav Ghosh C. T – Arvind Adiga
D. W – Arundhati Roy E. All are correctly matched

18. (a) All deserts are cactus.

All camels are cactus.

All camels are deserts.

(b) Dogs are not rats.

Rats are rodents.

Dogs are not rodents.

(c) All rulers are emperors.

No ruler is Chanakya.

Chanakya is not an emperor.

(d) All condolences are compassions.

All concerns are condolences.

All concerns are compassions.

(A) Only a and b

(B) Only b and c

(C) Only a and c

(D) Only d

19. (a) All palaces are villas.

Some mansions are palaces.

Some villas are mansions.

(b) Politicians are polite.

Pluto is not polite.

Pluto is not a politician.

(c) Some countries are good governments.

Only democracies are good governments.

Some countries are democracies.

(d) Some opinions are judgements.

All decisions are judgements.

Some decisions are opinions.

(A) Only a

(B) Only b

(C) Only a, b and c

(D) Only b and d

Directions for questions 20 to 22: Each of these questions consists of five statements followed by four sets of three statements each. Select as your answer the set in which the third statement can be logically concluded from the first two statements.

20. (a) All experiments are good results.
 (b) Some experiments are mistakes.
 (c) All scientists are mistakes.
 (d) Some mistakes are good results.
 (e) Some scientists are experiments.
- (A) bce (B) adb
 (C) bad (D) aec

21. (a) All advertisements are bulletins.
 (b) All notifications are bulletins.
 (c) All bulletins are notifications.
 (d) All advertisements are notifications.
 (e) All notifications are reports.
- (A) abd (B) adc
 (C) ace (D) dba

Coding Decoding

1. In a certain code 'MISSIONS' is written as 'MSIISNOS'. How is 'ONLINE' written in that code?

1. OLNNIE 2. ONILEN
 3. NOILEN 4. LNOENI
 5. ONNLIE



OLNNIE

2. In certain code 'TIGER' is written as 'QDFHS'. How is 'FISH' written in that code?

1. GERH 2. GRHE
 3. GREH 4. GHRE
 5. GEHR



REGIT.
 -1 QDFHS.

FISH
 HSIF
 -1 GRHE

3. In certain code 'FROZEN' is written as 'OFAPSG'. Then how would 'MOLTEN' be written in that code?

1. OFPOMN ~~p~~ 2. OFSMPN ~~p~~
 3. OFUMPN 4. OFUNPM ~~p~~
 5. OFUMON

MOLTEN.
 FROZEN → NEZORF
 . OFAPSG.

MOLTEN.

FROZEN → N E L U T
OF APSA. (+) OF APSA.

4. In a certain code 'ROAR' is written as 'URDU'. How is 'URDU' written in that code?

- 1. V X D Q
- 2. XUGX
- 3. ROAR
- 4. VSOV
- 5. V Z C P

ROAR. URDU
 +3 URDU +3 XUGX

5. In a certain code 'LIMCA' is written as 'HJLDZ'. Which of the following words is written as 'IFWJBP'?

- 1. MEXICO
- 2. MERCURY
- 3. JAPAN
- 4. MIDNIGHT
- 5. HONDUS

If in the English alphabet, every alternate letter from B onwards is written in small letters while others are written in capitals, then how will the 3rd day from Tuesday will be coded?

A. C E G I K M O Q S U W Y
 b. d f h j l n p r t v x z.

a) Friday.
 b) FRiDaY.
 c) frIdAY.
 frIdAY
 d) fRiDaY

In a certain code language COMPUTER is written as RFUVQNPC. How will MEDICINE be written in that code language?

- A) MFEDJJOE
- B) EOJDEJFM
- C) MFEJDJOE
- D) EOJDJEFM

