

Sample Questions for Logical Reasoning and Data Interpretation section

(answers at the end)

1. Among 40 Food & Agribusiness Management students at IIMA, 32 students take up "Food Supply Chain Management" elective, 28 take up "Rural Marketing" elective and 26 take up "Agri-finance" elective. All students have to take up at least one of the three electives. What is the maximum number of students that could have taken all three electives?
A) 26
B) 23
C) 21
D) 19

2. Is x divisible by 24?

Statement (1): x is divisible by 4.

Statement (2): x is divisible by 6.

To answer,

- A) One of the two statements ALONE is sufficient, but the other statement alone is not sufficient.
 - B) BOTH statements TOGETHER are sufficient but NEITHER statement ALONE is sufficient.
 - C) EACH statement ALONE is sufficient.
 - D) Statements (1) and (2) TOGETHER are NOT sufficient.
3. Aditya deposited Rs. 10000 to open a savings account. If there are no other transactions in the account, what amount of money would the account accrue in 6 months after opening the account?

Statement (1): The interest rate is 4% p.a.

Statement (2): Interest is compounded quarterly.

To answer,

- A) One of the two statements ALONE is sufficient, but the other statement alone is not sufficient.
- B) BOTH statements TOGETHER are sufficient but NEITHER statement ALONE is sufficient.
- C) EACH statement ALONE is sufficient.
- D) Statements (1) and (2) TOGETHER are NOT sufficient.

4. Rajesh is doing investment planning and is analysing four Small Cap Companies: A, B, C, and D. The financial results of these four companies for the recently concluded financial year revealed these interesting facts:

Profits of A were 10 percent of its sales while the profits of B were 20 percent of its sales. While the profits of C and D were the same, the sales of C were same as those of B. The total expenses of C were 400 percent more than its profits while the sales of D were 200 percent more than its profits. The total expenses of C were Rs 1 crore and the total expenses of C were 11.11 percent more than those of A.

Which company had the lowest profits?

- A) A
- B) B
- C) C
- D) D

5. Rajesh is doing investment planning and is analysing four Small Cap Companies: A, B, C, and D. The financial results of these four companies for the recently concluded financial year revealed these interesting facts:

Profits of A were 10 percent of its sales while the profits of B were 20 percent of its sales. While the profits of C and D were the same, the sales of C were same as those of B. The total expenses of C were 400 percent more than its profits while the sales of D were 200 percent more than its profits. The total expenses of C were Rs 1 crore and the total expenses of C were 11.11 percent more than those of A.

Which company had the lowest total expenses?

- A) A
- B) B
- C) C
- D) D

6. Six friends Patil, Quraishi, Roy, Soman, Tatvarthi and Upadhyay are sitting around the hexagonal table each at one corner and are facing the centre of the hexagonal. Patil is second to the right of Upadhyay. Quraishi is neighbour of Roy and Soman. Tatvarthi is second to the right of Soman.

Who is sitting opposite to Patil ?

- A) Quraishi
- B) Roy
- C) Soman
- D) Tatvarthi

Answer Key

1. B
23
2. D
Statements (1) and (2) TOGETHER are NOT sufficient.
3. B
BOTH statements TOGETHER are sufficient but NEITHER statement ALONE is sufficient.
4. A
A
5. D
D
6. C
Soman