

CHAPTER-4 | Data Handling and Presentation

QUIZ
PART-12

1. Which topic is the main focus of Part-12?

- A. Pictographs
- B. Bar Graphs
- C. Frequency Tables
- D. Fractions (B)

Explanation : Page 1 clearly shows that Part-12 is about Bar Graphs.

2. Which mountain is the tallest in the given table?

- A. Elbrus
- B. Denali
- C. Everest
- D. Kilimanjaro (C)

Explanation: Everest has the greatest height, 8848 m.

3. Which mountain is the shortest in the table?

- A. Vinson Massif
- B. Elbrus
- C. Kilimanjaro
- D. Kosciuszko (D)

Explanation: Kosciuszko has the smallest height, 2228 m.

4. How much taller is Everest than Kosciuszko?

- A. 6520 m
- B. 6620 m
- C. 6720 m
- D. 6820 m (B)

Explanation: $8848 - 2228 = 6620$ m.

5. Which pair of mountains are closest in height?

- A. Denali and Kilimanjaro
- B. Everest and Aconcagua
- C. Elbrus and Vinson Massif
- D. Aconcagua and Denali (A)

Explanation : Denali is 6194 m and Kilimanjaro is 5895 m. The difference is 299 m, which is the smallest among these options.

6. A bar graph with vertical bars is also called a:

- A. line graph
- B. picture graph
- C. column graph
- D. pie graph (C)

Explanation : The chapter states that a bar graph with vertical bars is called a column graph.

7. Heights are usually best shown using:

- A. horizontal bars
- B. vertical bars
- C. circles
- D. tally marks (B)

Explanation : Heights grow upward from the ground, so vertical bars are more intuitive.

8. Lengths parallel to the ground are usually best shown using:

- A. horizontal bars
- B. vertical bars
- C. dots
- D. symbols (A)

Explanation : Distances and lengths along the ground are easier to compare with horizontal bars.

9. If you show the tallest persons in each class, which graph is better?

- A. horizontal bars
- B. vertical bars
- C. pictograph
- D. table only (B)

Explanation : Human height is measured upward, so vertical bars are more suitable.

10. Which continent has the tallest mountain after Asia?

- A. Africa
- B. Europe
- C. South America
- D. North America (C)

Explanation : After Everest in Asia, Aconcagua in South America is next at 6962 m.