1. **What does one picture represent in a pictograph if the scale is set as ⬚ = 10 students?**
   A. 1 student
   B. 5 students
   C. 10 students
   D. 20 students   (C)

   Explanation: In a pictograph, each symbol represents a fixed number of units based on the scale provided.

2. **Which of the following is a frequency?**
   A. A symbol used in a graph
   B. The name of a sweet
   C. The number of students who chose a sweet
   D. The height of a bar   (C)

   Explanation: Frequency refers to how many times a particular value appears in the data set.

3. **What is the total number of kites sold to Rani if one symbol ⬚ represents 100 kites and she has 3 symbols?**
   A. 100
   B. 200
   C. 300
   D. 400   (C)

   Explanation: Each symbol represents 100 kites, so 3 symbols = 300 kites.

4. **Which sweet was liked by the most students in Shri Nilesh's tally chart?**
   A. Jalebi
   B. Gujiya
   C. Gulab jamun
   D. Barfi   (B)

   Explanation: Gujiya had the highest tally marks, indicating it was the most preferred.

5. **In a bar graph, what does the height or length of each bar represent?**
   A. The name of the item
   B. The popularity of the item
   C. The frequency of the item
   D. The type of data   (C)

   Explanation: In bar graphs, the height/length of a bar represents the frequency of data.

6. **What kind of graph uses rectangles of equal width to show data?**
   A. Pictograph
   B. Pie chart
   C. Bar graph
   D. Line graph   (C)

   Explanation: Bar graphs use rectangles of equal width with variable height to display frequency.

7. **Which challenge is faced when using pictographs with large data?**
   A. It becomes too colorful
   B. Symbols cannot be drawn for exact numbers
   C. Bars become too wide
   D. Legends are unnecessary   (B)

   Explanation: Pictographs become difficult with large or non-multiple frequencies due to scale issues.

8. **What does arranging data in ascending order help with?**
   A. Making the list alphabetical
   B. Finding the smallest and largest values
   C. Grouping by category
   D. Creating tally marks   (B)

   Explanation: Sorting in ascending order helps quickly identify the smallest and largest data values.

9. **In Imran's monthly expenditure bar graph, which item had the second highest spending?**
   A. House rent
   B. Food
   C. Education
   D. Transport   (A)

   Explanation: Food had the highest, and house rent was second based on bar height.

10. **In the bar graph of India's population by decade, what scale was used?**
    A. 1 unit = 1 crore
    B. 1 unit = 5 crore
    C. 1 unit = 10 crore
    D. 1 unit = 100 crore   (C)

    Explanation: The graph uses a scale where 1 unit represents 10 crores.