Data Handling and Presentation

Standard difficulty · 20 questions · 40 marks · Time: 29 minutes

Name: _____ Date: _____ Score: ____ / 40

Show your working for Sections B and C. Answers are on the last page — try every question first!

Section A — Choose the correct answer — 8 × 1 = 8 marks

1. 3 groups of five and 3 marks in tally marks show:
(a) 6 **(b)** 18 **(c)** 17 **(d)** 23

2. In a pictograph, one symbol stands for 4 children. How many children do 12 symbols show?
(a) 48 **(b)** 16 **(c)** 52 **(d)** 50

3. Marks drawn to count things one by one are called:
(a) scale marks **(b)** key marks **(c)** tally marks **(d)** bar marks

4. On a bar graph, 1 unit of length stands for 2 students. A bar is 7 units long. How many students does it show?
(a) 12 **(b)** 16 **(c)** 9 **(d)** 14

5. Children were asked their favourite colour: green 27, red 29, yellow 37, pink 9. Which was chosen most?
(a) pink **(b)** green **(c)** yellow **(d)** red

6. A class recorded their way of coming to school: auto 6, walking 59, cycle 50, car 28. How many children were asked?
(a) 143 **(b)** 59 **(c)** 137 **(d)** 153

7. Four groups of five tally marks and 2 more show:
(a) 24 **(b)** 20 **(c)** 42 **(d)** 22

8. Survey of favourite fruit: guava 57, grapes 65, banana 69, apple 70. What is the difference between the most and the least popular?
(a) 127 **(b)** 70 **(c)** 14 **(d)** 13

Section B — Short answer — 8 × 2 = 16 marks

9. How would you show 60 in tally marks? How many groups of five and how many single marks?

10. A pictograph uses one symbol for 4 books. How many symbols are needed for 36, 8, 28 books?

11. Number of cups of tea sold at a stall: Monday 41, Tuesday 27, Wednesday 92, Thursday 70, Friday 72. Find the total for the week and the busiest day.

12. The largest value in some data is 745. Choose the smallest scale from 1, 2, 5, 10, 20, 50 or 100 per unit so that no bar is longer than 10 units.

13. In a class of 59 children asked their favourite flower, 22 chose sunflower and 19 chose hibiscus. The rest chose jasmine. How many chose jasmine?

14. The number of brothers and sisters of 20 children are: 4, 3, 3, 3, 1, 2, 2, 0, 0, 1, 4, 3, 4, 3, 2, 1, 2, 3, 3, 4. Make a table showing how many children have 0, 1, 2, 3 and 4.

15. One symbol stands for 10 bottles. How do you show 85 bottles?

16. Survey of favourite fruit: apple 31, grapes 47, banana 48, mango 35. Arrange the choices from the most to the least popular.

Section C — Word problems — 4 × 4 = 16 marks

17. A school asked children their way of coming to school: auto 10, walking 23, car 37, cycle 29. How many more children chose cycle than auto? How many children were asked in all?

18. A pictograph shows cars passing a school gate, with one symbol for 20 cars: 8 to 9 am 3 symbols, 9 to 10 am 1½ symbols, 10 to 11 am 8 symbols, 11 am to 12 noon 2 symbols. How many cars passed in all, and which hour was busiest?

19. A bar graph of money raised for a school fair uses 1 unit = Rs 10. The bars are Class 6A 5 units, Class 6B 3 units, Class 6C 11 units, Class 6D 2 units. How much did the four classes raise together, and how much more did the top class raise than the lowest?

20. 24 people rated a school play from 1 to 5: 3, 3, 2, 1, 3, 5, 5, 4, 2, 5, 2, 4, 5, 2, 5, 5, 3, 1, 4, 2, 2, 5, 3, 5. Make a tally of the ratings. How many people gave 4 or 5?

Want another sheet on this chapter? In the Ambiful Worksheets app every sheet is new, with its answer key, and your child never gets the same question twice.
Scan the code to get the free app, or open **worksheets.ambiful.com/get**

Answer key

Data Handling and Presentation · AW-6M-DAT-2026-V1 · For parents — fold back or tear off before handing the sheet to your child.

Q	Answer	Working
1	**(b) 18**	3 × 5 + 3 = 18
2	**(a) 48**	12 × 4 = 48
3	**(c) tally marks**	—
4	**(d) 14**	7 × 2 = 14
5	**(c) yellow**	37 is the largest number
6	**(a) 143**	6 + 59 + 50 + 28 = 143
7	**(d) 22**	4 × 5 + 2
8	**(d) 13**	70 − 57 = 13
9	**12 groups of five**	60 = 12 × 5 + 0
10	**9, 2, 7**	36 ÷ 4 = 9; 8 ÷ 4 = 2; 28 ÷ 4 = 7
11	**302; Wednesday**	41 + 27 + 92 + 70 + 72 = 302
12	**1 unit = 100**	745 ÷ 100 is about 8 units
13	**18**	59 − 22 − 19 = 18
14	**0: 2, 1: 3, 2: 4, 3: 7, 4: 4**	the counts add up to 20
15	**8½ symbols**	80 is 8 symbols and 5 is half a symbol
16	**banana, grapes, mango, apple**	48 > 47 > 35 > 31
17	**19 more; 99 in all**	29 − 10 = 19; 10 + 23 + 37 + 29 = 99
18	**290 cars; 10 to 11 am**	60 + 30 + 160 + 40 = 290
19	**Rs 210; Rs 90 more**	21 units × 10; (11 − 2) × 10
20	**11 people**	1: 2, 2: 6, 3: 5, 4: 3, 5: 8

Ambiful Worksheets · worksheets.ambiful.com · Not affiliated with CBSE / NCERT