Grade 7 Data Handling Worksheets

Grade 7 Maths Data Handling Multiple Choice Questions (MCQs)

1. **The mean of the first five whole number is …………….. .**
(a) 2
(b) 5
(c) 3
(d) 4

2. **The mean of the first five natural number is ……………… .**
(a) 2
(b) 5
(c) 3
(d) 4

3. **The mean of the first seven natural number is ……………. .**
(a) 2
(b) 5
(c) 3
(d) 4

4. **The median of the first ten natural number is ……………… .**
(a) 2.5
(b) 5.5
(c) 3.5
(d) 4.5

5. **The median of the first ten prime number is ……………… .**
(a) 2.5
(b) 5.5
(c) 3.5
(d) none of these

6. **A cricketer scores the following runs in eight innings: 58, 76, 40, 35, 46, 45, 0, 100 What will be their mean score?**
(a) 400
(b) 50
(c) 200
(d) 100

7. **What will be the range of following data? 32, 41, 28, 54, 35, 26, 33, 23, 38, 40**
(a) 25
(b) 23
(c) 31
(d) 54

8. Which observation in the following data has maximum frequency? 1, 1, 2, 4, 3, 2, 1, 2, 2, 4
(a) 4
(b) 3
(c) 1
(d) 2

9. The tally mark **shows frequency ………………. .**
(a) 15
(b) 13
(c) 12
(d) none of these

10. A data can have ……………. mode.
(a) only one
(b) only two
(c) only three
(d) more than one

11. Median of the data 13, 16, 12, 14, 19, 12, 14, 13, 14 are:
(a) 14
(b) 19
(c) 12
(d) 13

12. There are 6 marbles in a box with number 1 to 6 marked on each of them. What is the probability of drawing a marble with number 2?
(a) $\frac{1}{6}$
(b) $\frac{1}{5}$
(c) $\frac{1}{3}$
(d) 1

13. A coin is flipped to decide which team starts the game. What is the probability of your team will start?
(a) $\frac{1}{4}$
(b) $\frac{1}{2}$
(c) 1
(d) 0

14. A die is thrown once. What will be the probability of getting a prime number?
(a) $\frac{1}{2}$
(b) 0
(c) 1
(d) $\frac{1}{6}$

15. **Median of the data 9, 8, 1, 2, 3, 6, 7, 5, 4 is ……………… .**
(a) 5
(b) 9
(c) 6
(d) 4
16. **A batsman scored the following number of runs in six innings: 36, 35, 50, 46, 60, 55 Find the mean runs scored by him in an inning.**
(a) 50
(b) 49
(c) 46
(d) 47
17. **The mean of the first ten old natural number is ……………… .**
(a) 12
(b) 15
(c) 10
(d) 11
18. **The median of the first ten even natural number is …………….. .**
(a) 12
(b) 15
(c) 10
(d) 11
19. **The mean of the first ten prime number is ……………….. .**
(a) 12.5
(b) 12.9
(c) 12.8
(d) 14.5
20. **The mode of the given set of numbers 2, 14, 16, 12, 14, 14, 16, 14, 10, 14, 18, 14 is:**
(a) 12
(b) 14
(c) 16
(d) 11

Grade 7 Maths Data Handling Fill In The Blanks

1. Mean of first 5 natural numbers is ……………… .
2. Range of the data 12, 15, 7, 9, 16, 18 is ……………….. .
3. Median of the data 38, 40, 42, 48, 65, 72, 75 is ………………… .
4. Mode of the data 2, 3, 5, 6, 7, 3, 2, 9 is …………….. .
5. The data 6, 4, 3, 8, 9, 12, 13, 9 has mean ……………… .

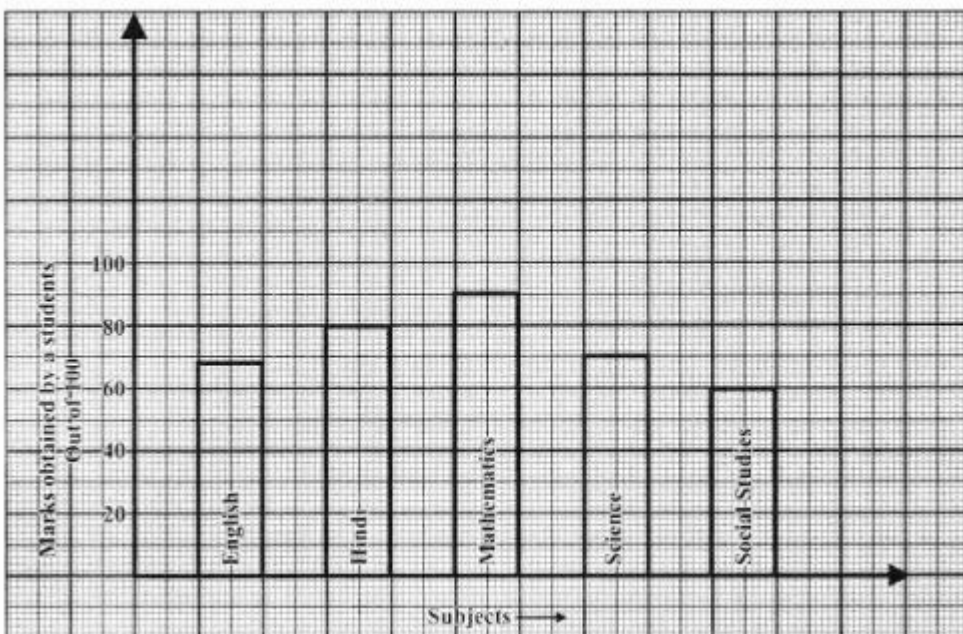Grade 7 Maths Data Handling True(T) Or False(F)

1. Mean of the data is always from the given data.
2. The range of the data 2, 9, 6, 5, 8 would change if 3 was added to each value in the data.
3. When a coin is tossed, there are two possible outcomes.
4. Probability of selecting you as a monitor within class is greater than one.
5. The median is always one of the numbers in a data.

Grade 7 Maths Data Handling Very Short Answer Type Questions

A die thrown once find the probability of the following (1 – 4):

1. Getting a number greater than 5.
2. Getting a prime number.
3 Getting an even natural number.
4. Getting a number less than 4.
5. If mean of 9, 5, 7, x, 6 is 6, find the value of x.
6. What is the range of the these integers?
20, 6, 18, -15, -12, 0

Class 7 Maths Data Handling Short Answer Type Questions

Study the bar graph given below and answer the questions that follow:

1. In which subject the performance of student is best?
2. Calculate the average marks of the student.

3. If 75 and above marks denote a distiniction, then name the subjects in which the student got distinction.
4. Calculate the percentage of marks the student got out of 500.

Class 7 Maths Data Handling Long Answer Type Questions

1. The mean of 10 observations was calculated as 40. It was detected on rechecking that the value of 40 was wrongly copied as 10. Find the correct mean.
2. The following are weights (in kg) of 12 people.
70, 62, 54, 57, 62, 84, 75, 59, 62, 65, 78, 60
(a) Find the mean of the weights of the people.
(b) Flow many people weights above the mean weight?
(c) Find the range of the given data.
3. The Letters written on paper slips of the word "MEDIAN" are put in a bag. If one slip is draw randomly, what is the probability that it bears
(a) the letter 'D'
(b) a vowel.