

Republic of the Philippines
Department of Education
Region IV - A CALABARZON
City Schools Division Office of Antipolo
District I-C
DELA PAZ NATIONAL HIGH SCHOOL
Ninoy Aquino Avenue, Brgy. Dela Paz Antipolo City

POST TEST
Mathematics 7
Introduction to Statistics

Direction: Read each item carefully and write your answer on the space before each number.

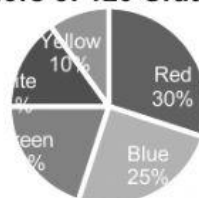
1. Which of the following statements uses a qualitative or categorical data?
A. Weight of each Grade 7 students
B. Hours of sleep on a school night for Grade 7 students
C. Eye color for each Grade 7 students
D. Heights of the Grade 7 students
2. Which of the following statements uses a quantitative or numerical data?
A. Favorite brand of T-shirts for each Grade 7 students.
B. Hours of sleep on a school night for Grade 7 students.
C. Eye color for each Grade 7 students.
D. Hobby of each Grade 7 students.
3. What type of data states that every value in the set is a number?
A. Inferential B. Quantitative C. Qualitative D. Sequential
4. Which of the following questions will use a rating scale?
A. Would you like to go to the movies tonight?
B. Have you already completed your homework?
C. What is your favorite memory from childhood?
D. How satisfied are you with our in-store experience?
5. Which method is appropriate in finding the total enrolment of students per grade level for three consecutive years?
A. Interview C. Questionnaire
B. Observation D. Registration
6. It is a statistical instrument that the respondents are asked to rate or select a response in ranked manner.
A. Interview Guide C. Rating Scale
B. Questionnaire D. Survey
7. Which of the following type of instruments is a printed list of questions to be answered by respondents to collect data.
A. Interview Guide C. Questionnaire
B. Likert Scale D. Rating Scale
8. Jessa is a Grade 7 student in Dela Paz National High School, She instructed by her teacher gather data on the total number of licensed doctor in the Philippines, what appropriate method will be used?
A. Observation B. Questionnaire C. Interview D. Registration
9. It is the tabular method of organizing data.
A. frequency distribution table C. multiplication table
B. logarithmic table D. trigonometric table

For item **10 -12**, refer to the problem table below:

Color	Frequency
red	15
green	13
blue	10
purple	6
orange	7
yellow	7

- 10.** What is the total number of marbles?
A. 50 B. 58 C. 55 D. 60
- 11.** Which color has the least number of marbles?
A. Orange B. blue C. purple D. yellow
- 12.** Which of the following is the appropriate title for the distribution table?
A. Frequency Distribution Table of Marbles
B. Frequency Distribution Table of Colors
C. Frequency Distribution Table of Pelmar's Marbles.
D. Frequency Distribution Table of Red, Blue, Yellow, Orange, Green, and Marbles
- 13.** Which color has the highest number of marbles?
A. blue B. red C. green D. yellow
- 14.** Which of the following questions below is an unstructured format?
I. What school subject did you enjoy the most?
II. Are you affected by the new normal situation nowadays?
III. Why did you choose to eat at Matth's Grill Haus?
A. I and II only B. I and III only C. II and III only D. II only
- 15.** It refers to the members of the group selected from the population.
A. Population C. Registration
B. Questionnaire D. Sample
- 16.**What graph is illustrated below?

Favorite Colors of 120 Grade 7 Students



- A. Bar graph B. Histogram C. Line Graph D. Pie chart
- 17.** Which of the following is the other name for ogive?
A. Pie graph C. Straight line graph
B. Circular Polygon D. Cumulative Frequency polygon
- 18.**What are the two appropriate methods to be used in conducting a survey?
A. Interview and Questionnaire
B. Observation and Questionnaire
C. Observation and Registration
D. Registration and Questionnaire

19-20. Complete Frequency Distribution Table

	Frequency	Upper Limit	Lower Limit
11-20	3		
21-30	5		
31-40	6		