1. A statistical population may consist of _____

(a) An infinite number of items   (b) a finite number of items

(c) Either of (a) and (b)   (d) none of (a) and (b)

2. The mean of $1^2, 2^2, 3^2, 4^2, 5^2, 6^2, ..., 50^2$ is

(a) 850.5   (b) 858.5   (c) 854.5   (d) 852.5

3. Assume that it is an afternoon. What is the time on the 24-hour clock after 146 hours?

a) 12:10 pm   b) 8:30 am   c) 3 am   d) 2 pm

.4. Find the median for the following data

X	0	1	2	3	4	5	6	7	8
f	1	9	26	59	72	52	29	7	1

(A) 128   (B) 72   (C) 29   (D) 4

5. p(x) = x^2 - 7 √7 x + 3 then p (7√7) is equal to

a) 3   b) 7 √7   c) 42√7+3   d) 49√7

1. A distribution is said to be skewed if _____

(a) Mean ≠ median ≠ mode   (b) Mean = median = mode

(c) Mean = median ≠ mode   (d) Mean ≠ median = mode

2. A person has 8 friends. The number of ways in which he may invite one or more of them to a dinner is

A) 250   B) 255

C) 200   D)220

3. If P means 'add to', U means 'multiply by' M means 'subtracted from' and L means 'divided by' then the value of 30 L 2P 3 U 6 M 5 is

A. 18   B. 28

C. 31   D. 103

4. Find median for the following data: $4\frac{1}{2}, 5\frac{1}{4}, 3\frac{1}{8}, 7\frac{4}{5}$,9.42,7.25, $10\frac{1}{6}$,6.24

(a) 4.96   (b) 6.745

(c) 9.015   (d) 6.5

5. In a class there are 15 boys and 10 girls. Three students are selected at random. The probability that 1 girl and 2 boys are selected is:

a) $\frac{21}{46}$ **b)** $\frac{25}{117}$ **c)** $\frac{1}{50}$ **d)** $\frac{3}{25}$