



Date: 18-11-2024

LGS GROUP OF COLLEGES

Statistics

Assignment

XII

TEST#

WK-8

Statistics	Name:.....	Roll No:					
Time: 40 mins							Marks =15

Note: Four possible answers A, B, C and D to each question are given. The choice which you think is correct; fill that circle in front of that question within the answer-book. Cutting or filling two or more circles will result in zero mark in that question. (3 x 1 = 3)

- The eyes colour of 100 men is
 - variable
 - attribute
 - constant
 - none of these
- The number of cell in 4×3 contingency table is
 - 6
 - 4
 - 3
 - 12
- When A and B have perfect positive association then
 - $Q = 1$
 - $Q = -1$
 - $Q = 0$
 - none

Section-II SUBJECTIVE TYPE (PART I)

Q2. Write short answer to all four parts. (4 x 2 = 8)

- Define attribute
- When two attribute are called independent ?
- Given $n = 100$, $(A) = 40$, find (α)
- Whether the two attribute, are independent or associated for the given data
 $n = 1024$, $(A) = 640$, $(B) = 384$, $(AB) = 54$

SECTION – II (PART II)

Q 3: Find the association between injection against typhoid and exemption from attack from the given contingency table (04)

attribute	Attacked	Not attacked
inoculated	528	25
Not inoculated	790	175