Ans4) Descriptive Statics :-

Summary → Gives us the descriptive sets like

In the case of numerical data →

Gives mean, mode, median, Range.

measures of central tendency

⇒ mean (titanic $ fare)

32.20421

[On Average Person spent
$ 32 to board the
titanic]

⇒ mode (titanic $ age)

24

[mode Common age on
titanic]

⇒ median (train $ fare)

14542

measure of spread.

Range (titanic $ fare)

0. 600 512. 3292

[It shows lowest $
Higest value of fare]

⇒ Var (titanic $ fare)

2464 437

⇒ Sqrt (var (titanic $ fare)

49. 69343

Inferential Statistics

Hypothesis testing

new data (– subset (titanic, & petals == 1)

$\Rightarrow$ test 2 = function (a, b, a)$

Sample = mene = mean (a)

Pro = mean = mean(b)

C = nrow = (n)

Var b = Var (b)

data = Sample = mean, pop= mean) / sqrt (var-b/c))

return date)

Call function

Z = test 2 (new data $ survived, titanic $
survived new data)

7.423828