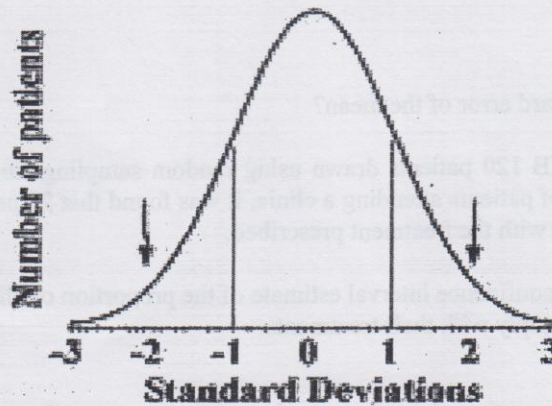


Answer all questions.

Structured Questions

01. Carefully observe the given diagram and answer the following questions?



- a. Identify the graph. (02 Marks)
- b. Name measures of the central tendency. (06 Marks)
- c. Write two characteristics of this graph. (04 Marks)
- d. Give pattern of dispersion of observation around the mean in this distribution. (08 Marks)

02. Discuss briefly

- a. Data Presentation Techniques. (05 Marks)
- b. Descriptive Statistics. (05 Marks)
- c. Measures of Dispersion. (05 Marks)
- d. Tests of significance. (05 Marks)

Essay Questions

01.

- a. What is the standard error of the mean? (10 marks)
- b. In a sample of TB 120 patients drawn using random sampling from the total population of patients attending a clinic, it was found that 28 persons had not complied with the treatment prescribed.

Construct a 95% confidence interval estimate of the proportion of all patients do not comply with their treatments.

(40 marks)

- c. Write your conclusion in proper way. (10 marks)

$$\sigma_p = \sqrt{p(1-p)/n}$$

10.06.2015
