

Question 5

a . Understanding bathtub curve is essential in reliability studies of any system. DISCUSS in a concise form with illustration. (5 Mrks)

b . With the aid of sketch explain the relationship between cost and reliability (5 Mrks)

c . Why do we study reliability ? Illustrate your answer using a neat sketch for the need of reliability chart (5 Mrks)

Question 6

a. In a tabular form give four differentiate between repairable and non repairable items.

Define the following

i. Define the following

ii. Failure rate function

iii. Availability

iv. Maintainability

v. Observed failure rate

vi. warranty

(6mrks)