

Assignment

Draw the OC curve for the following single sampling plans and using the curve comment on the sampling plans.

- (i) $n=50, c=1$
- (ii) $n=100, c=1$
- (iii) $n=150, c=1$
- (iv) $n=200, c=1$

Activity: Draw the operating characteristic for

13. n

14. c

15. P_d ,

16. r

17. P_a

18. P_d

19. (i.e. take a

20. sample of n items and accept the lot if the number of non-conforming items is less than or equal to c)

21. n

22. c

23. P_d ,

24. r

25. P_a

26. P_d

27. P_a

28. Show on your graph the ideal shape of the operating characteristic

29. if up to 5% non-conforming items are acceptable.

30. What do you notice about the graphs