



Symbol of Secularism  
& National Integration

ANJUMAN-I-ISLAM'S  
**KALSEKAR TECHNICAL CAMPUS, NEW PANVEL**

School of Engineering & Technology

**DEPARTMENT OF MECHANICAL ENGINEERING**

CLASS:- SE ME - I & II

SEM:- III

SUBJECT:- Production Process- I

DATE:- / 10 / 2016

DURATION:- 60 min.

MARKS:- 20

**CLASS TEST 01**

**Q.01 Attempt any two: (08 Marks)**

marks

CO

a) Compare transfer molding and compression molding.

04

CO4

b) Write advantages & disadvantages of powder metallurgy.

04

CO5

c) Describe with neat sketches any four types of pattern.

04

CO1

**Q.02 Attempt any two: (12 Marks)**

a) What are the different NDT methods? Explain any two methods in details .

06

CO6

b) What are the different characteristics of moulding sand.

06

CO1

c) A casting of 50cm×40cm×10cm size solidifies in 20 minutes. Find the solidification time for 40cm×30cm×5cm casting under similar condition.

06

CO1