

Reg.No. _____



Karunya UNIVERSITY

(Karunya Institute of Technology & Sciences)
(Declared as Deemed-to-be University under Sec.3 of the UGC Act, 1956)

End Semester Examination – Nov/Dec – 2016

Code : 14ME2048
Sub. Name : Foundry Technology

Semester : 2016-17 ODD
Duration : 3hrs
Max. marks : 100

ANSWER ALL QUESTIONS (5 x 20 = 100 Marks)

Q. No.	Sub Div.	Questions	Course Outcome	Marks
1.	a.	Explain the steps involved with sand casting with neat sketch.	1	20
(OR)				
2.	a.	Discuss the Types of pattern Allowances with required Data.	1	20
3.	a.	Draw the Comparison table to explain the Types of sand mould	2	20
(OR)				
4.	a.	What is the Influence of Ingredients on properties of Moulding sand.	2	20
5.	a.	Explain the Injection Moulding with suitable sketch.	3	20
(OR)				
6.	a.	Draw and Explain the Investment Casting Process.	3	20
7.	a.	Casting Defects. Explain it with required sketch.	4	20
(OR)				
8.	a.	Draw your own Foundry Layout for Implementing Automation in it.	4	20
<u>Compulsory:</u>				
9.	a.	Explain the constructional Feature and Working Principle of Cupola Furnace.	5	20

ALL THE BEST