

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 : 14BT3013
Sub. Name : ENTREPRENEURSHIP, IPR AND BIOSAFETY

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 in detail about the characteristics and different roles of entrepreneurs with necessary examples	CO2	20
(OR)				
2.	a.	Write in detail about the guidelines of DBT in formulation of research projects with suitable descriptions	CO2	20
3.	a.	Give a detailed account on importance of patent and procedure of patent submission with special mention of Indian patents	CO2	20
(OR)				
4.	a.	Write in detail about the importance of Trademark and Copyright with suitable examples	CO2	20
5.	a.	Enumerate the importance biosafety guidelines in biotechnology research involving biohazardous materials	CO1	20
(OR)				
6.	a.	Explain in detail about the role of Genetically Modified Organisms and the risk factors concerning GMO and LMO	CO1	20
7.	a.	Give a detailed account on National and International regulations on Cartagena Protocol	CO2	20
(OR)				
8.	a.	Explain in detail about international and National level regulations on transfer of biomaterials for research with necessary examples	CO1	20
<u>Compulsory:</u>				
9.	a.	Explain in detail the different levels of bio-safety and its importance in recombinant DNA technology applications in modern research.	CO1	20

ALL THE BEST