

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 : **14BT2043**
Sub. Name : **HUMAN PHYSIOLOGY**

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.	Describe Homeostasis and discuss the mechanisms involved	CO1	20
(OR)				
2.	a.	Discuss the functional areas of Brain. Write a detailed note on Peripheral nervous system.	CO2	20
3.	a.	Discuss in detail about the hormones secreted by the pituitary gland and its functions	CO2	10
	b.	Write about Thyroid hormones and its complications		10
(OR)				
4.	a.	Describe the structure and function of a Kidney with a neat diagram	CO2	10
	b.	Explain in detail about Glomerular filtration process		10
5.	a.	Write in detail about circulatory system diseases, Precautions and treatments	CO3	20
(OR)				
6.	a.	Define respiration. Write in detail about exchange of gases	CO3	10
	b.	Describe lung volume capacities and pressures which causes movement during respiration		10
7.	a.	Discuss Male reproductive system with necessary illustration	CO1	20
(OR)				
8.	a.	Discuss the process involved in Oogenesis	CO3	10
	b.	Describe Ovarian cycle		10
<u>Compulsory:</u>				
9.	a.	Discuss about the flow of blood in the heart, cardiac cycle	CO3	10
	b.	Write a note on electric impulses in Heart and Heart beat and sounds involved during circulation		10

ALL THE BEST