

Name:

Enrolment No:



**UNIVERSITY OF PETROLEUM AND ENERGY STUDIES**

**End Semester Examination, December 2019**

**Course: Remedial Biology**

**Semester: 1<sup>st</sup>**

**Program: B.Sc. Food, Nutrition and Dietetics**

**Time 03 hrs.**

**Course Code: BP106RBT**

**Max. Marks: 100**

**Instructions:**

**SECTION A**

S. No.		Marks	CO
	Statement of question(Attempt all questions)	20	
Q 1	Give a suitable example of modification (both tap & adventitious) for storage of food	4	CO1
Q 2	Illustrate various respiratory volumes	4	CO2
Q 3	Give an outline for Rennin angiotensin system	4	CO3
Q 4	Discuss in brief plant macro-micro nutrients	4	CO4
Q 5	Differentiate glycolysis and fermentation	4	CO5

**SECTION B**

	Statement of question	40	
Q 6	Explain the general anatomy of monocot and dicot root	10	CO1
Q 7	Discuss transportation and regulation of respiration	10	CO2
Q 8	Define hormone and explain role of any two hormones	10	CO3
Q 9	Discuss photosynthesis along with factors affecting photosynthesis		CO4
	<b>OR</b>	10	CO5
	Discuss cell with a labeled diagram		

**SECTION-C**

	Statement of question	<b>40</b>	
Q 10	Explain the structure of the heart along with cardiac cycle	<b>20</b>	<b>CO2</b>
Q 11	Explain cell cycle and cell division <b>OR</b> Classify different types of plant tissues with suitable examples	<b>20</b>	<b>CO5</b> <b>CO5</b>