

Name:
Enrolment No:



UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
Online End Semester Examination, January 2021

Course: Human Physiology
Program: M.Sc. ND /Clinical Research/ Microbiology
Course Code: HSND 7004

Semester: I
Time 03 hrs.
Max. Marks: 100

SECTION A

- 1. Each Question will carry 5 Marks**
- 2. Instruction: Complete the statement / Select the correct answer(s)**

S. No.	Question	CO
Q 1	A.).....disease is a stomach disorder that leads to symptoms gastritis. B.).....produced by liver.	CO2
Q2	A.) The membrane of the axon is called the B.)..... produced in the mouth. It helps break down starch into smaller sugar molecules	CO3
Q3	A.) Agedare ingested by macrophages in the liver B.)) Normal human urine include Percent water and 5 percent solid wastes.	CO2
Q4	A.) Theis dark reddish brown organ located in upper right of the abdominal cavity. B.) Each neuron consists of a one <i>axon</i> and many.....	CO2
Q5	A.)..... is pancreas secreted enzymes for breakdown action on triglycerides. B.) Brain and spinal cord are part of system	CO1
Q6	A.)The normal rate of kidney filtration is B.) Plasma is a clear fluid that accounts for approximately% of blood	CO4

SECTION B

1. Each question will carry 10 marks
2. Instruction: Write short / brief notes

Q 7	<ul style="list-style-type: none">• Write down the name of Hormones with their specific role for the maintenance of Stomach digestion?• Write down the diagrammatic process of Digestion?	CO1
Q 8	<ul style="list-style-type: none">• Illustrate Functions of Pancreases with gastrointestinal secretions?• Illustrate the Function of Spleen with parts?	CO1
Q 9	<ul style="list-style-type: none">• Enlist the function of lungs and their process and structure?	CO2
Q 10	<ul style="list-style-type: none">• Write down factors affecting blood coagulation process with steps?	CO4
Q 11	<ul style="list-style-type: none">• How would you write the function of Neuron with structure?• Write down type of CNS with parts?	CO4

Section C

1. Each Question carries 20 Marks.
2. Instruction: Write long answer.

Q12	<ul style="list-style-type: none">• How would you express the process of urine formation, write down Organic and Inorganic constituents of urine? <p style="text-align: center;">or</p> <ul style="list-style-type: none">• How would you explain the composition of blood with details of organic and inorganic compounds in plasma?	CO3
-----	---	------------