

Roll No.:

THEORY SPECIAL SUPPLEMENTARY/RE-APPEAR EXAMINATION NOV-2021

Program:	MMLT	Year/Semester:	1st Semester
Course/Subject:	Human Physiology	Duration:	03:00 Hrs
Course/Subject Code:	05160107	Maximum Marks:	60
		Batch:	2019

Instructions: -

1. Write Your Roll No. on the Question Paper.
2. Candidate should ensure that they have been provided correct question paper. Complaint(s) in this regard, if any should be made within 15 minutes of the commencement of the exam. No complaint(s) will be entertained thereafter.
3. All Questions are compulsory. Marks are indicated against each question.
4. Illustrate your answer with diagram wherever required.

SECTION-A

(Very Short Answer Type Questions)

Note: All Questions are compulsory: -

[12X1=12]

S. No.	Question	Marks Allotted
1	Define sensory unit	1
2	What is resting membrane potential	1
3	Define neurons	1
4	Eneumerate functions of cell membrane	1
5	Define osmosis	1
6	Define reflex arc	1
7	What is normal value of Vital capacity?	1
8	Eneumerate name of enzymes for digestion on fat	1
9	What is deglutition reflex	1
10	Eneumerate name of enzymes for digestion of protein	1
11	Define tidal volume	1
12	What is normal volume of blood	1

SECTION-B
(Short Answer Type Questions)

Note: All Questions are compulsory: -

[4X2=8]

S. No.	Question	Marks Allotted
13	Write names of blood clotting factors	2
14	What is the function of hemoglobin	2
15	Write short note on GFR	2
16	Write functions of Glucocorticoids	2

SECTION-C
(Descriptive Answer Type Questions)

Note: All Questions are compulsory: -

[4X4=16]

S. No.	Question	Marks Allotted
17	Describe mechanism of contraction of smooth muscle	4
18	Write functions of oestrogen	4
19	Define hormone. Describe functions of insulin	4
20	Describe intrinsic pathway of blood coagulation	4

SECTION-D
(Long Answer Type Questions)

Note: All Questions are compulsory: -

[4X6=24]

S. No.	Question	Marks Allotted
21	Define cardiac output and describe factors affecting cardiac output	6
22	Define GFR. Describe mechanism of formation of urine	6
23	Define immunity. Describe passive immunity	6
24	Describe composition and function of pancreatic juice	6