



QP CODE: 25050550



25050550

Reg No :

Name :

MSc DEGREE (CSS) EXAMINATION DECEMBER 2025

First Semester

M Sc CLINICAL NUTRITION AND DIETETICS

Core Courses - HS030101 - APPLIED HUMAN PHYSIOLOGY

2019 Admission Onwards

3A7F598B

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

*Weight **1** each.*

1. Which are the different types of cartilage?
2. Explain blood transfusion.
3. What are fetal stem cells?
4. What is CPR?
5. Write a short note on effects of exercise.
6. Explain parts of stomach.
7. Illustrate the parts of liver.
8. Explain the structure of glomerulus.
9. Explain ultrafiltration.
10. What is the difference between inborn reflex and acquired reflex?

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

*Weight **2** each.*

11. What are the general characteristics and properties of cardiac muscle?
12. Explain properties and composition of blood.
13. Explain morphology of white blood cells.
14. Explain the physiological variations of blood pressure.
15. What is defecation and explain defecation reflex?





16. Write a note on bile salts and bile pigments.
17. Write a note on pituitary gland and Thymus gland?
18. Explain hormonal disorders of pituitary gland.

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

Weight 5 each.

19. Explain the functional anatomy and non-respiratory functions of lungs.
20. Write an essay anatomy of heart and functions of circulatory system.
21. Write an essay on properties, composition and functions of pancreatic juice.
22. Draw and explain the structure of neuron and also write on types of neuron.

(2×5=10 weightage)

