

TB244664Z

Reg. No :

Name :

BACHELOR'S DEGREE (C.B.C.S) EXAMINATION, MARCH 2024

2022 ADMISSIONS REGULAR

SEMESTER IV - Nutrition and Dietetics COMPLEMENTARY COURSE 2 (PHYSIOLOGY)

ND4C08B20 - Human Anatomy and Physiology IV

Time : 3 Hours

Maximum Marks : 80

Part A

I. Answer any Ten questions. Each question carries 2 marks

(10x2=20)

1. Explain cataract.
2. Explain cellulitis.
3. Write a note on tastebuds.
4. Discuss on arthrology
5. Enumerate on femur.
6. Enumerate on synovial joints.
7. Describe chemoreceptor.
8. Discuss the effect of hormones on heart rate.
9. Discuss the effect of cations on cardiac function.
10. List out the symptoms of decompression sickness.
11. List out the illness caused by heat exposure.
12. Discuss on nitrogen narcosis.

Part B

II. Answer any Six questions. Each question carries 5 marks

(6x5=30)

13. Discuss on retinopathies.
14. Explain the inflammatory conditions with eyes.
15. Discuss about bone ossification.
16. Discuss on bones of lower limb.
17. Illustrate on bone cells and tissues.
18. Explain the regulation of heart rate by autonomic nervous system.
19. Explain the hormones which increases the blood pressure.
20. Discuss chemical regulation as well as the other factors involved in the regulation of heart rate.
21. Discuss about effect of travel by spacecraft.

Part C

III. Answer any Two questions. Each question carries 15 marks

(2x15=30)

22. Explain diseases and disorders associated with eyes.
23. Discuss on axial skeletal system.
24. Discuss regulation of heart rate.
25. Explain about space and aviation physiology.

