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Reg. No :

Name :

MASTER'S DEGREE (C.S.S) EXAMINATION, NOVEMBER 2024
2024 ADMISSIONS REGULAR
SEMESTER I - CORE COURSE Food Science And Nutrition
FN1C01TM20 - Human Physiology

Time : 3 Hours

Maximum Weight : 30

Part A

I. Answer any Eight questions. Each question carries 1 weight

(8x1=8)

1. What is haemostasis?
2. What is erythroblastosis foetalis?
3. Comment on the role of secretin in digestive system.
4. Comment on enterohepatic circulation in the digestive system.
5. Comment on functions of the nasal cavity in respiration.
6. What is an autoimmune disorder?
7. Write a note on the thymus gland.
8. Write a note on neurotransmitters.
9. Comment on the function of epididymis in male reproductive system.
10. Write a note on the role of Follicle Stimulating Hormone.

Part B

II. Answer any Six questions. Each question carries 2 weight

(6x2=12)

11. Explain special junctional tissues of the heart.
12. Detail the composition and functions of bile.
13. Explain transport of oxygen in the blood. List factors influencing the same.
14. Explain changes that occur in the lungs during inspiration and expiration.
15. Discuss causes and symptoms of hypothyroidism and hyperthyroidism.
16. Write a note on the Peripheral Nervous System.
17. Explain anatomy of male reproductive system.
18. Explain anatomy of female reproductive system.

Part C

III. Answer any Two questions. Each question carries 5 weight

(2x5=10)

19. Explain structure and function of the heart with a neat figure.
20. Explain the structure of digestive system with a neat figure.
21. Explain the mechanism of chemical and nervous control of respiration.
22. Explain structure, function and disorders of the thyroid gland.