



'সমানো মন্ত্র: সমিতি: সমানী'

UNIVERSITY OF NORTH BENGAL
B.Sc. Honours 6th Semester Examination, 2023

DSE-P3-PHYSIOLOGY

Time Allotted: 2 Hours

Full Marks: 40

The figures in the margin indicate full marks.

GROUP-A

1. Attempt any **five**: 1×5 = 5
- (a) What is Creatine phosphate?
 - (b) What do you mean by lactic acid oxygen debt?
 - (c) What is detraining?
 - (d) What is the importance of oxygen in exercise?
 - (e) What is physiological fatigue?
 - (f) What is anaerobic exercise?
 - (g) Name two sports medicine.
 - (h) What is farmer's lung?
 - (i) Mention the effects of neutraceuticals on cardiovascular health.

GROUP-B

Attempt any **three**

5×3 = 15

- 2. Write a note on EPOC. 5
- 3. Classify workload. 5
- 4. Explain the effects of two ergogenic aid. 5
- 5. Discuss the significance of anthropometry in prevention of disease. 5
- 6. Mention the effects of Training on respiratory health. 5
- 7. Explain a lactic acid oxygen debt. 5

GROUP-C

Attempt any **two**

10×2 = 20

- 8. Explain aerobic energy sources during exercise. Discuss the effects of graded exercise on athletic performance. 5+5
- 9. Write a note on management of sports injury. Discuss the effects of training on muscular efficiency. 5+5
- 10. Write short notes on — 5+5
 - (a) Pneumoconiosis
 - (b) Musculoskeletal disorders.
- 11. Mention the role of ergonomics in control of physical hazards. Discuss two nutritional supplements for muscular growth and performance. 5+5

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