

Question Paper

Exam Date & Time: 05-Jun-2024 (10:00 AM - 12:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FOURTH SEMESTER BPT DEGREE EXAMINATION - MAY/JUNE 2024
SUBJECT: BPT 202 - EXERCISE PHYSIOLOGY
(2016 SCHEME)

Marks: 50

Duration: 120 mins.

Answer all the questions.

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| 1) | Explain the acute response to exercise in the cardiovascular system. | (10) |
| 2) | Explain chronic adaptation to the neuromuscular system due to exercise training. | (10) |
| 3A) | Outline health risks associated with hyperbaric environment. | (5) |
| 3B) | Explain the concept of the lactate threshold and its significance. | (5) |
| 3C) | Explain the causes of peripheral fatigue. | (5) |
| 3D) | Explain the importance of electrolytes in the body during exercise. | (5) |
| 4A) | What is the Ventilatory threshold? | (2) |
| 4B) | What is Physical activity? | (2) |
| 4C) | Mention ANY TWO responses to exercise in the renal system. | (2) |
| 4D) | What is the Respiratory Exchange Ratio(RER)? | (2) |
| 4E) | Outline two disadvantages of having a low aerobic capacity. | (2) |

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