

# Question Paper

Exam Date & Time: 04-Jan-2023 (10:07 AM - 11:30 AM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER B.Sc. NURSING DEGREE EXAMINATION - JANUARY 2023  
SUBJECT: PHYS 110 - APPLIED PHYSIOLOGY

Marks: 31

Duration: 83 mins.

Answer ALL questions (Specify if any other)

1. **Descriptive Essays:**

- 1A) Describe the regulation of gastric juice secretion during gastric phase. Add a note on peptic ulcer. (5+2 = 7)
- 1B) Mention the different types of small intestinal movements and their significance. (3)

2) **Descriptive Short note:**

- 2A) Explain the events in synaptic transmission. (5)
- 2B) Define the terms hypoxia, cyanosis and dyspnea. List the types of hypoxia. (3+2 = 5)
- 2C) Name different types of WBC's and mention any one function of each type. (2½+2½ = 5)

3) **Descriptive Short answers:**

- 3A) Mention the steps of urine formation. (2)
- 3B) Mention any two functions of axial skeleton in the human body. (2)
- 3C) Mention any two functions of placenta. (2)

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