

# Question Paper

Exam Date & Time: 05-May-2022 (10:00 AM - 11:30 AM)



**MANIPAL ACADEMY OF HIGHER EDUCATION**  
FIRST SEMESTER B.Sc. NURSING DEGREE EXAMINATION - MAY 2022  
SUBJECT: ANAT 105 - APPLIED ANATOMY  
(REPEATERS)

Marks: 31

Duration: 86 mins.

**Essay:**

1. Name the parts of the digestive system. Describe the stomach in detail.

(4+6 = 10 marks)

2. **Short note:**

- 2A. Kidney. (5)  
2B. Fallopian tube. (5)  
2C. Spinal cord. (5)

3. **Short answers:**

- 3A. Intercostal space. (2)  
3B. The parts of male reproductive system. (2)  
3C. Simple epithelium. (2)

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# Question Paper

Exam Date & Time: 06-May-2022 (10:07 AM - 11:30 AM)



**MANIPAL ACADEMY OF HIGHER EDUCATION**  
FIRST SEMESTER B.Sc. NURSING DEGREE EXAMINATION - MAY 2022  
SUBJECT: PHYS 110 - APPLIED PHYSIOLOGY  
(REPEATERS)

Marks: 31

Duration: 87 mins.

**Answer all the questions.**

**Essay:**

1. Define hemostasis. Describe the intrinsic and extrinsic pathway of blood coagulation. Name any two anticoagulants. (10 marks)

2. **Short note:**

2A. Mention THREE functions of gastric juice. Add a note on gastritis. (3+2 = 5 marks)

2B. Name the forms of carbon dioxide transport in blood. Describe chloride shift mechanism. (3+2 = 5 marks)

2C. Mention any three functions of CSF. Add a note on hydrocephalus. (3+2 = 5 marks)

3. **Short answers:**

3A. What is sarcomere? Name the contractile proteins present in the sarcomere. (2 marks)

3B. Mention two actions of aldosterone. (2 marks)

3C. Define cardiac output. Mention the normal value of cardiac output at rest. (2 marks)

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# Question Paper

Exam Date & Time: 09-May-2022 (10:07 AM - 11:30 AM)



**MANIPAL ACADEMY OF HIGHER EDUCATION**  
FIRST SEMESTER B.Sc. NURSING DEGREE EXAMINATION - MAY 2022  
SUBJECT: SOCI 115 - APPLIED SOCIOLOGY  
(REPEATERS)

Marks: 31

Duration: 84 mins.

**Answer all the questions.**

**Essay:**

1. Discuss the following in relation to 'social system':
  - 1A. Infer the role. (5)
  - 1B. Outline the status. (5)
  
2. **Short notes:**
  - 2A. Contrast major health problems in urban and rural area. (5)
  - 2B. Describe the characteristics of a family. (5)
  - 2C. Explain the social mobility with examples. (5)
  
3. **Short answers:**
  - 3A. Outline the thoughts of formalistic school of Sociology. (2)
  - 3B. Explain the functions of culture. (2)
  - 3C. Describe the importance of clinical Sociology for nurses. (2)

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# Question Paper

Exam Date & Time: 10-May-2022 (10:07 AM - 11:30 AM)



**FIRST SEMESTER B.Sc. NURSING DEGREE EXAMINATION - MAY 2022**  
**SUBJECT: PSYC 120 - APPLIED PSYCHOLOGY**  
**(REPEATERS)**

**Marks: 31**

**Duration: 83 mins.**

**1. Essay:**

- 1A. Explain the principles of perception. (7)
- 1B. Discuss the errors in perception. (3)

**2. Short Answers:**

- 2A. Explain the warning signs of poor mental health. (5)
- 2B. Discuss the stages of cognitive development. (5)
- 2C. Describe the dimensions of self-empowerment. (5)

**3. Very Short Answers:**

- 3A. State the meaning of legal psychology. (2)
- 3B. Outline the importance of neurotransmitters. (2)
- 3C. What is Thematic Apperception Test? (2)

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