

Question Paper

Exam Date & Time: 27-Jul-2024 (10:00 AM - 12:30 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

SECOND SEMESTER BSc HEALTH SCIENCES DEGREE EXAMINATION - JULY 2024

SUBJECT: BHS-1201 - BIOLOGY II

(NEW SCHEME)

Marks: 60

Duration: 150 mins.

Answer all the questions.

1) Answer the following in a sentence or two

- 1A) Draw neat, labelled diagram of the excitable cells of the nervous system (2)
- 1B) Write a note on endometrium (2)
- 1C) Name the important glands associated with human male reproductive system (2)
- 1D) Differentiate between hormonal signal and nerve signals (2)
- 1E) What are Ureotelic animals? Give an example. (2)
- 1F) Name the basic types of tissues in vertebrates (2)

2) Answer the following:

- 2A) Write a note on gated ion channels (3)
- 2B) Write a note on menopause (3)
- 2C) Explain the cortical reactions (3)
- 2D) Different receptors for the hormone cause diverse responses in the target cells. Explain with example (3)
- 2E) Draw neat, labelled diagram of T S bone (3)
- 2F) Write a note on fertilization (3)

3) Answer the following elaborately:

- 3A) Explain the production of action potential (5)
- 3B) Write a note on extra embryonic layers in mammals. (5)

-----End-----