

Question Paper

Exam Date & Time: 24-Jun-2024 (10:00 AM - 12:30 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

SECOND SEMESTER BSc HEALTH SCIENCES DEGREE EXAMINATION - JUNE 2024
SUBJECT: BHS-1201 - BIOLOGY II
(NEW SCHEME)

Marks: 60

Duration: 150 mins.

2. Answer the following in a sentence or two

- | | | |
|-----|--|-----|
| 2A) | Name the different types of sensory receptors | (2) |
| 2B) | Name the important glands associated with human female reproductive system | (2) |
| 2C) | Write a short note on external fertilization | (2) |
| 2D) | Differentiate between hormonal signal and nerve signals | (2) |
| 2E) | What are Osmo regulators? Give example | (2) |
| 2F) | Explain the protonephridia in Planarians | (2) |

3. Answer the following

- | | | |
|-----|--|-----|
| 3A) | Write a note on non-excitabile cells in nervous system | (3) |
| 3B) | Explain the process of oogenesis in human | (3) |
| 3C) | Explain the acrosomal reaction | (3) |
| 3D) | With example explain the basic hormonal control pathways | (3) |
| 3E) | Name any three Vitamins and their possible symptoms of deficiency. | (3) |
| 3F) | Write a note on digestion of nutrients in man. | (3) |

4. Answer the following elaborately:

4A) With diagram explain the process of systemic circulation in man. (5)

4B) Explain the human male reproductive anatomy (5)

-----End-----