

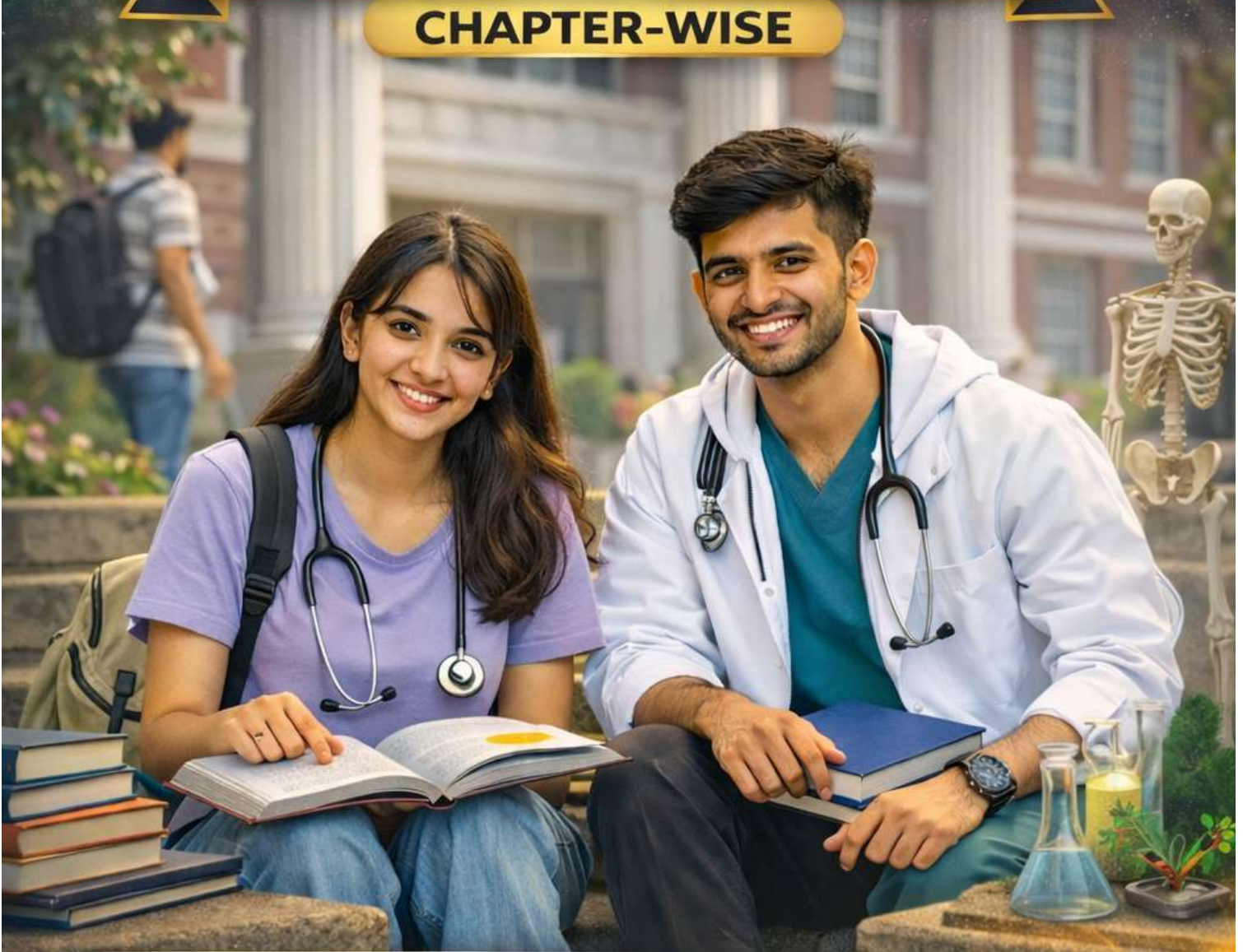
 **AVEEBA**

Biology

NEET 2026

PREDICTED QUESTIONS WITH ANSWERS

CHAPTER-WISE



AI GENERATED



**Chapter-wise Practice
Questions to Maximize Your Score!**

**FULLY
SOLVED**



Sample questions

AI Generated NEET Biology MCQs based on the NEET trend considering 2023, 2024 and 2025 question papers

Unit 3: Cell Structure and Function – Part 1 (Questions 1–10)

1. The cell theory was proposed by:

- A. Schleiden and Schwann
- B. Watson and Crick
- C. Darwin and Wallace
- D. Mendel and Morgan

Answer: A

Explanation: The cell theory was proposed by Matthias Schleiden and Theodor Schwann stating that all living organisms are composed of cells and the cell is the basic unit of life.

2. Which structure is present in prokaryotic cells but absent in eukaryotic cells?

- A. Ribosomes
- B. Nucleoid
- C. Plasma membrane
- D. Cytoplasm

Answer: B

Explanation: Prokaryotic cells lack a true nucleus and instead contain a nucleoid region where genetic material is present.

3. The fluid mosaic model of cell membrane was proposed by:

- A. Singer and Nicolson
- B. Watson and Crick
- C. Robertson
- D. Schleiden

Answer: A

Explanation: Singer and Nicolson proposed the fluid mosaic model in 1972 explaining that proteins float in a lipid bilayer.

4. Which organelle is known as the powerhouse of the cell?

- A. Lysosome
- B. Golgi apparatus
- C. Mitochondria
- D. Ribosome

Answer: C

Explanation: Mitochondria produce ATP through cellular respiration, providing energy for cellular activities.

5. Ribosomes are mainly involved in:

- A. Lipid synthesis
- B. Protein synthesis
- C. Carbohydrate metabolism
- D. DNA replication

Answer: B

Explanation: Ribosomes translate mRNA into proteins and are therefore the site of protein synthesis.