

Question Bank for PG Course

প্রাণীবিদ্যা (ZOOLOGY)

সপ্তম (খ) পত্র (Paper - VIIB)

Endocrinology, Cell & Tissue Structure and Function: PGZO-VIIB

1. What is triggered by a surge of Luteinizing Hormone (LH) in sexually mature females ?
2. Which portion of the transmembrane proteins, spanning the lipid bilayer of a bio-membrane with portions exposed on both sides of the membrane, is hydrophobic in nature ?
3. Which type of signalling is involved in conduction of an electric impulse from one nerve cell to another, mediated by neurotransmitters ?
4. Why the steroid hormones can pass through the cell membrane and the non- steroid hormones can't pass through the cell membrane ?
5. What happens to a cell undergoing apoptosis ?
6. Which amino acid is related to the production of the Catecholamines ?
7. What are the characteristics of the Signal or Leader sequences of a protein ?
8. Which endocrine gland secretes oestrogen hormone ?
9. Which cells are stimulated by Follicle Stimulating Hormone (FSH) to secrete Androgen-binding Protein (ABP) ?
10. Which protein is the precursor for the thyroid hormone ?
11. Which cytosolic protein acts as Guanine nucleotide-exchange factor or protein (GEF) in RTK signalling pathway ?
12. What is the biological action of Prolactin hormone ?
13. What are the symptoms of Hyperaldosteronism ?
14. What change does occur in an inactive G-protein after being stimulated by the activated G-protein coupled receptors ?
15. Which Gastrointestinal hormone appears to be a strong stimulant for appetite and feeding ?