

BOARD QUESTION PAPER

Subject : Biology Ch.: 9. Control and Co-ordination **Total Marks: 25** Time: 1 Hr. Class : XII Section A Select & write the most appropriate answer from the given alternatives Q.1.: for each sub-question. i) The coiled portion of the labyrinth is c) Stapes a) Malleus b) Incus d) Cochlea ii) Wall of the eyeball is made up of 3 layers d) Retina a) Iris b) Sclera c) Choroid Olfactory lobe is a part of iii) c) Hind brian a) Forebrain b) Mid brain d) Spinal cord. Which one of the following pairs correctly matches a hormone with a disease iv) resulting from its deficiency? a) Parathyroid hormone – Diabetes insipidus b) Luteinising hormone – Diabetes mellitus c) Insulin – Hyperglycaemia d) Thyroxine – Tetany O. 2: Write the answer in ONE sentence. 2 i) What is adenohypohysis? Define synapse. ii) Section B **Attempt any THREE** 6 Q. 3: Draw a well labeled diagram of T.S. of spinal cord. Q. 4: Draw well labelled diagram of eye. Q. 5: Give symptoms of the disease caused by hyposecretion of ADH. Q. 6: How does tongue detect the sensation of taste?

| | Section C | |
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| | Attempt any THREE. | 9 |
| Q.7: | Explain endocrine cells of pancreas. | |
| Q.8: | Write functions of spinal cord. | |
| Q.9: | Write about: a) Dura mater b) Arachnoid mater c) Pia mater. | |
| | Section D | |
| : | Answer the following: (ANY 1) | 4 |
| Q11 : | Explain the stucture of retina. | |
| Q12 : | Explain the stucture of human ear | |
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