

By. Er. Dharmendra Sir

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DPM CLASSES

6th to 10th (Math's & Science), 11th & 12th (Physics, Chemistry, Math's)

TEST - PAPER (CBSE/NCERT)

CONTROL AND COORDINATIONS

SESSION -2024-25

CLASS - 10th

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Time : 1 hr

Control and Coordination

mm : 50

Q. 1. Multiple choice questions :-

(i) The plant hormone which is essential for cell division is -

- (a) Auxin (b) Ethylene (c) Cytokinin
(d) Gibberellin

(ii) Gustatory receptors are specialised in detecting :-

- (a) Taste (b) Light
(c) Smell (d) Touch



(iii) Growth inhibitor hormone in plants is :-

- (a) Auxin (b) Cytokinin
(c) Abscissic acid (d) Gibberellic acid

(iv) The gap between two neurons is called a/an :-

- (a) dendrite (b) Synapse
(c) Axon (d) Impulse



(v) Name of master gland is :-

- (a) Adrenal gland (b) Pituitary gland
(c) Insulin (d) Thyroid gland

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Q. 2 Fill in the blanks :-

- (i) causes wilting of leaves.
- (ii) is the structural and functional unit of the nervous system.
- (iii) actions are controlled by the medulla.
- (iv) Testosterone hormone is secreted by the

Q. 3. ~~True~~ / ~~False~~ :- match the following :-

- | | |
|--------------------------|--------------------------------------|
| (i) Neuron | (a) Thyroid gland. |
| (ii) Insulin | (b) Reflex action |
| (iii) Thyroxine | (c) Unit of Nervous system |
| (iv) Blinking of eyelids | (d) Pancreas / Regulates blood sugar |
| (v) master gland | (e) Pituitary |
| (vi) Endocrine gland | (f) Hormone |
| (vii) female hormone | (g) Estrogen |



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Q. 4. Answer in one word/sentence :-

(i) Name two plants hormones that help in the stem growth.

(ii) Which disease is found in human due to the deficiency of iodine ?

(iii) What is the gap between two nerve cells called ?

(iv) Which part of the brain is specialized for thinking, hearing, smelling, seeing etc. ?

(v) What are hormones ?

Q. 5. Draw a labelled diagram of the structure of neuron (nerve cell).

Q. 6. Write the names and functions of four plant hormones.

Q. 7. Draw a labelled diagram of human brain.

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Q. 8. Write any three functions of human brain ?

Q. 9. Write the names of any three endocrine glands found in human and also write its secreting hormone name.



Q. 10. Draw the structure of neuron and write any two names of organelles of any cell.

Q. 11. Draw the structure of reflex arc and write any two name of parts.



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