

TEST NO. 3**CH – 12****BIOLOGY****Time Allowed: 15 Minutes****CLASS-10TH -2020****Paper : (Objective Type)****Maximum Marks: 12**

Note:- You have four choices for each objective type question as A,B,C and D. The choice which you think is correct, fill that circle in front of that question number. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero in that question.

Q.1	QUESTIONS	(A)	(B)	(C)	(D)
1.	The myelin sheath of formed by.	Nodes of Ranvier	Axons	Dendrites	Schwann cells
2.	Types of Neurons according to their work are.	Three	Four	Five	Two
3.	Pairs of spinal nerves are.	31	12	21	13
4.	The part of brain responsible for muscle movement interpretation of senses and the memory is.	Meulla oblongata	Cerebrum	Cerebellum	Pons
5.	Temporal lobe is concerned with.	Hearing and smelling	Control skeletal muscles	Visual information	Both a and b
6.	The middle layer of human eye is called.	Choroid	Iris	Optic Disk	Retina
7.	Iodeosin is present in.	Rods	Cones	Choroid	Cornea
8.	The Cochlea is present in.	External Ear	Middle Ear	Internal Ear	None of these
9.	Which hormone is secreted in case of emergency situation?	Oxytocin	Thyroxin	Adrenaline	Calcitonin
10.	If a new born baby feeds on mother's milk as a result of which production of mother's milk will.	Will decrease	Will increase	Will end	Will continue with intervals
11.	Hind brain does not include.	Pons	Medulla oblongata	Cerebrum	Cerebellum
12.	In some parts of the body many neurons cell bodies combine to make a group.	Nerves	Tissue	Ganglion	Muscles

A B C D				A B C D				A B C D				A B C D				A B C D								
1	A	B	C	D	4	A	B	C	D	7	A	B	C	D	10	A	B	C	D	13	A	B	C	D
2	A	B	C	D	5	A	B	C	D	8	A	B	C	D	11	A	B	C	D	14	A	B	C	D
3	A	B	C	D	6	A	B	C	D	9	A	B	C	D	12	A	B	C	D	15	A	B	C	D

نوٹ: معروضی سوال نامے کو توجہ سے پڑھیں اور ہر MCQ کی درست آپشن A, B, C, D کو پین کی سیاہی یا مارکر سے اس طرح پُر کریں کہ سیاہی دائرے سے باہر نہ نکلے۔ ایک سے زیادہ دائروں کو پُر کرنے یا کات کر پُر کرنے کی صورت میں مذکورہ جواب غلط تصور ہوگا۔

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TEST NO.3**CH- 12****CLASS-10TH -2020****BIOLOGY****Time Allowed: 1:45 hours****Paper : (Essay Type)****Maximum Marks: 48****(PART – I)****2. Write short answers to any FIVE (5) questions: 10**

- (i) Write the name of components of coordination action.
- (ii) Write the function of coordinator.
- (iii) What is meant by receptors? Give examples.
- (iv) What are stimuli. Give example.
- (v) Define myelin sheath and nodes of Ranvier.
- (vi) What is the difference between neuron and motor neuron?
- (vii) What is Nerve impulse?
- (viii) Write name of three main parts of brain.

3. Write short answers to any FIVE (5) questions: 10

- (i) What is difference between somatic nervous system and autonomic nervous system?
- (ii) What do you know about spinal cord?
- (iii) What is reflex action? Give example.
- (iv) What is aqueous and vitreous humour?
- (v) What is Blind spot?
- (vi) Owl is unable to see during day time. Give reason?
- (vii) How ears maintain body balance?
- (viii) Compare endocrine and exocrine gland.

4. Write short answers to any FIVE (5) questions: 10

- (i) What is cause of Dwarfism?
- (ii) What is Paralysis? Write its causes.
- (iii) What the reason of Epilepsy in younger people.
- (iv) Write name of disorders of eye.
- (v) What is spinal cord? Give its length.
- (vi) What is salutatory impulse?
- (vii) What is difference between dendrites and axons?
- (viii) Write short note on Midbrain.

(PART – I I)**Note: - Attempt any TWO questions.**

- 5. a) Describe the contributions of Ibn Al Haytham in Optics. 4
b) Write osmotic adjustment in Hydrophytes and Halophytes. 5
- 6. a) Describe the structure and function of thyroid gland and pancreas. 4
b) Explain location and function of forebrain and its part. 5
- 7. (a) Explain with diagram, structure and location of spinal cord. 4
(b) Name the hormone secreted by parathyroid gland discuss its functions and also deficiency caused 5

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