Bio Tuition Wala

Chapter: Neural Control & Coordinatio Std 11: Biology
Total Marks: 80 marks
Neet test series
Time:

Section A

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•	Write the answer of the following questions. [Each	carries 1 Mark]	[20]		
1.	Chemicals which are released at the synaptic jun	ction are called			
	(A) Hormone (B) Neurotransmitters	(C) Cerebrospinal fluid	(D) Lymph		
2.	Potential difference across resting membrane is distribution of the following ions. (A) Na ⁺ and K ⁺ ions (B) CO ₃ ²⁺ and Cl ⁻ ions	negatively charged. This (C) Ca^{2+} and Mg^{2+} ions			
3.	An area in the brain which is associated with str (A) Cerebral cortex (B) Cerebellum	cong emotion is	(D) Medulla		
4.	The function of our visceral organ is controlled by (A) Sympathetic and somatic neural system. (B) Sympathetic and parasympathetic neural system. (C) Central and somatic nervous system (D) None of the above				
5.	Resting membrane potential is maintained by (A) Hormones (B) Neurotransmitters		(D) None of the above		
6.	Which of the following is the effect of parasympa (A) Increase in blood pressure (C) Decrease of blood pressure	thetic nervous system ? (B) Dilation of pupil (D) Secretion of digestive	ve juices		
7.	In human which cranial nerve is having sensory (A) Olfactory nerve (B) Trigeminal nerve	and motor nerves ? (C) Optic nerve	(D) Auditory nerve		
8.	Which is the largest part of human brain ? (A) Cerebellum (B) Thalamus	(C) Cerebrum	(D) Medulla oblongata		
9.	In brain, where does olfactory centres located ? (A) Olfactory (B) Cerebrum	(C) Cerebellum	(D) Mid. brain		
10.	During action potential, the rapid repolarization permeability to		·		
11.	 (A) K⁺ (B) Cl⁺ Myelinated nerve fibre differ from non-myelinate (A) Lacking nodes of Ranvier (C) Showing saltatory conduct of nerve impulse 	(C) Na ⁺ (D) Ca ⁺ d nerve fibres in (B) Being without Schwann cell (D) Slow conduction of nerve impulse			
12.	Where are myelinated nerve fibres found ? (A) Spinal nerves (B) Cranial nerves	(C) Both (A) and (B)	(D) None of these		
13.	The terminal end of axon is called as (A) Dendrite (B) Nissil's granule	(C) Synaptic knob	(D) Schwann's cell		
14.	In a resting nerve, what is true ? (A) 3Na ⁺ are pumped in and 2K ⁺ pumped out (B) 3Na ⁺ are pumped out for every 2K ⁺ pumped	in			

	(C) There are no Na ⁺ – K ⁺ pump (D) Na ⁺ – K ⁺ pump stops working				
15.	The cerebral hemispheres are connected by a trace (A) Hypothalamus (B) Corpus callosum	t of nerve fibres called a (C) Medulla	s (D) Pons		
16.	Sexual behaviour and expression of emotional read (A) Mid brain (C) Forebrain	ctions is regulated by (B) Hind brain (D) Corpora quadrigemi	nal		
17.	Which meninge of Brain is non-vascular ? (A) outermost layer (B) innermost layer	(C) middle layer	(D) all of these		
18.	What does each branch of axon terminate into ? (A) Synaptic knob (B) Vesicles	(C) Tubules	(D) Another cell		
19.	Which of the following is not a part of the cranial (A) Dura mater (B) Arachnoid	meninges ? (C) Pia mater	(D) Corpus callosum		
20.					