

# Adabistan-e-Soophia

Code: 2002

Test No.: 3

Paper: Biology

Name: \_\_\_\_\_

Class: X Sec: \_\_\_\_\_

Syllabus: Ch. 12

Question Numbers	1	2	3			Total	Grade	%age
Maximum Marks	09	22	09			40		
Marks Obtained								

Remarks: \_\_\_\_\_

\_\_\_\_\_

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	Write Correct option	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	Write Correct option	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	Write Correct option			
1	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>		7	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>		13	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	
2	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>		8	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>		14	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	
3	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>		9	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>		15	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	
4	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>		10	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>		16	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	
5	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>		11	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>		17	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	
6	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>		12	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>		18	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	

**Note:** Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink. Cutting or filling two or more times result in zero mark in that question.

Q.1	Questions	(A)	(B)	(C)	(D)
1.	Special organ, tissues or cells of the body which detect stimuli are called:	Receptor	Co-Ordinator	Effectors	Dendrites
2.	Which organ act as effectors?	Only muscles	Only glands	Muscles and glands	Brain
3.	Lobe concern with sense of hearing and smell:	Frontal	Parietal	Temporal	Occipital
4.	Present on the top of medulla is:	Cerebellum	Pons	Cerebrum	Spinal cord
5.	Hind brain does not include:	Cerebellum	Cerebrum	Medulla oblongata	Pons
6.	The largest part of Brain is:	For brain	Hind brain	Mid brain	Spinal cord
7.	Length of spinal cord is:	20cm	60cm	40cm	10cm
8.	Which neuron are present inside the central nervous system?	Sensory neuron only	Motor neuron only	Sensory an motor neurons only	Interneuron only
9.	Insulin and glucagon produced in:	Liver	Pancreas	Cerebrum	Ligament

10.	Endocrine glands sent message by secreting:	Hormones	Neurons	Antigens	Amino Acids
11.	Hormones increasing level of $Ca^{2+}$ ion in blood is:	Adrenaline	Para-thormone	Calcitonin	Oxytocin
12.	Which one is not a hormone?	Insulin	Glucagon	Inyroxin	Pepsinogen
13.	Which is responsible for puberty and voice pitch lowering in males?	Estrogen	Testosterone	Progestrone	Glucagon
14.	Which neuron conduct impulse from CNS to effector?	Motor	Inter	Sensory	Hormone
15.	Schwann cell secret a fatly layer is called:	Myelin Sheath	Axon	Derdrites	Cell body
16.	The portion of nervous system that involuntary in action:	Somatic nervous system	Motor nervous system	Autonomic nervous system	Sensory nervous system
17.	Action performed by effector is:	Axon	Response	Stimuli	Impulse
18.	Which Hormone is secreted in case of emergency situation?	Oxytocin	Adrenaline	Thyroxin	Calcitonin

(Section - I)

2. Write short answers to the following questions.

(11×2=22)

- i. What are stimuli? Give example.
- ii. What is difference between nervous a chemical co-ordination?
- iii. What are saltatory nerve impulse?
- iv. What is function of temporal and occipital lobe?
- v. Write down the main function of spinal card.
- vi. Write down the difference between sympathetic and para sympathetic nervous system.
- vii. What is reflex Arc?
- viii. What is meant by dwarfism and Gigantism?
- ix. How BGC test is performed?
- x. What are Axon and dendrites?
- xi. Write down the function of Hypothalamus.

(Section - II)

Note: Give detailed answers of the following questions.

(4+5=09)

3. a) Write a detail note on pancreas along blood Glucose concentration table. (4)
- b) Write note on spinal cord and its functions? (5)