

Adabistan-e-Soophia

Code: 2000

Test No.: 1

Paper: Biology

Name: _____

Class: X Sec: _____

Syllabus: Ch. 10, 13

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

Remarks: _____

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

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.	The pores in the bark layer are:	stomata	lenticels	pith	cutin
2.	Which gas is absorbed through stomata of plants during night?	hydrogen	nitrogen	oxygen	carbon dioxide
3.	All alveoli of one side unite to form:	lungs	thorax	chest box	kidney
4.	Main role to give out air from lungs is of:	bronchus	bronchi	cartilage	diaphragm
5.	Number of bronchi in the air passage way are:	1	2	many	none
6.	The number of carcinogens in the smoke of tobacco are:	40	50	60	70
7.	Rate of breathing depends upon concentration of which gas:	oxygen	carbon dioxide	nitrogen	hydrogen
8.	Skull contains bones:	22	23	24	25
9.	All these are the parts of axial skeleton of human except:	ribs	sternum	shoulder girdle	vertebral column

10.	Nose and Larynx are made up of:	hyaline cartilage	fibrous cartilage	elastic cartilage	bone
11.	Babies are born with soft bones:	200	206	256	300
12.	Ball and socket joints all movement is:	one direction	two direction	all directions	three directions
13.	Percentage of CO_2 in exhaled air during breathing is:	16%	4%	79%	0.04%
14.	Which kind of blood vessels is present around the alveoli?	artery	capillary	arteriole	vein
15.	All muscle which contract and straightens the joint, is called:	flexor	receptor	extensor	effector
16.	In normal condition human respiration rate is:	15 to 12	20 to 15	15 to 20	16 to 20
17.	Which disease is caused by streptococcus pneumonia?	asthma	bronchitis	emphysema	pneumonia
18.	Total chemicals in tobacco smoke are:	1000	2000	30000	4000

(Section - I)

2. Write short answers to the following questions.

(11×2=22)

- i. Write down four symptoms of bronchitis.
- ii. How does gaseous exchange occur in aquatic plants?
- iii. Write down the functions of mucous and hairs in nasal cavity.
- iv. Differentiate between glottis and epiglottis.
- v. Write effects of smoking on teeth.
- vi. What is bone? Write down its functions.
- vii. Differentiate between movement and locomotion.
- viii. Differentiate between guttation and transpiration.
- ix. What is meant by tendons? Write its functions.
- x. Define ball and socket joints. Give an example.
- xi. Differentiate between insertion and origin.

(Section - II)

Note: Give detailed answers to the following questions.

(4+5=09)

3. a) Explain Mechanism of Breathing. (4)
- b) What is meant by cartilage? Describe its three types with examples. (5)