

TEST NO.1
CH NO.10.

BIOLOGY
Time Allowed: 15 Minutes

-019 (Class 10th)

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	QUESTION	(A)	(B)	(C)	(D)
1.	How many lobes are present in right lung?	2	3	4	5
2.	Amount of oxygen in expired air is.	21%	16%	0.04%	4%
3.	Where does the gaseous exchange occur in humans?	Pharynx	Trachea	Bronchi	Alveoli
4.	Most of the gaseous exchange in a leaf occurs through.	Stomata	General surface	Cuticle	Lenticels
5.	What type of blood vessels surrounds the alveoli?	Artery	Arteriole	Capillary	Vein
6.	Which one is the form of allergy?	Asthma	Bronchitis	Pneumonia	Lung cancer
7.	The primary chemical stimulus for breathing is the concentration of.	Carbon dioxide in blood	Oxygen in blood	Carbon dioxide in muscles	Oxygen in muscles
8.	How many bronchi are there in the air passageway?	One	Two	Many	None
9.	Which structure actively helps in taking the air out of lungs?	Nasal cavity	Bronchus	Bronchiole	Diaphragm
10.	Pneumonia is an infection of.	Kidneys	Digestive system	Lungs	Blood
11.	The length of trachea is.	10 cm	12 cm	22 cm	20 cm
12.	The normal breathing rate in human being is	10-40 times per minute	16-20 times per minute	30-40 times per minute	None of these

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 تو جیسے 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 کاٹ کر پُر کرنے کی صورت میں مذکورہ جواب غلط تصور ہوگا۔



علم کی دنیا

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TEST NO.1
CH NO.10.

BIOLOGY

Time Allowed: 1:45 hours

-019(Class-10th)

Paper : (Essay Type)
Maximum Marks: 48

(PART – I)

2. **Attempt any five parts of the following.** 10
- (i) What is trachea?
 - (ii) Define Nasal cavity?
 - (iii) Define Nostrils.
 - (iv) What lenticels. Describe their function.
 - (v) What is larynx?
 - (vi) Define exhalation?
 - (vii) What is gaseous exchange?
 - (viii) What is emphysema?
3. **Attempt any five parts of the following.** 10
- (i) Define diaphragm
 - (ii) Define bronchus.
 - (iii) Define breathing.
 - (iv) What is Asthma?
 - (v) What are stomata?
 - (vi) What are alveolar ducts?
 - (vii) What are bronchioles?
 - (viii) What is bronchitis?
4. **Attempt any five parts of the following.** 10
- (i) Define Alveolus?
 - (ii) What is cellular respiration?
 - (iii) What is aerobic respiration?
 - (iv) What is glottis?
 - (v) What are intercostals?
 - (vi) Trace the path of air from the nasal cavity to the alveoli.
 - (vii) What is air passageway?
 - (viii) Difference between breathing and respiration.

(PART – II)

Note:- Attempt any Two questions.

5. a) Describe the mechanism of breathing. 5
b) Describe the structure and function of human respiratory system. 4
6. a) What is the percentage of oxygen, carbon dioxide and nitrogen in inspired air? 5
b) Describe the process of gaseous exchange in plants. 4
8. (a) What is breathing? How is it different from respiration? 5
(b) State the signs and symptoms, causes and treatments of bronchitis, emphysema and pneumonia. 4