

xTEST NO. 4
CH – 4

BIOLOGY
Time Allowed: 15 Minutes

CLASS 9TH – 2020

Paper: (Objective Type)
Maximum Marks: 12

Note : Write answers to the questions on the objective answer sheet provided. Four possible answers A, B, C and D to each question are given. Which answer you consider correct, fill the circle in front of A, B, C or D with pen ink to each question on the answer sheet provided.

Q.1	QUESTIONS	(A)	(B)	(C)	(D)
1.	In the cell wall of plants, the chemical present is:	Lignin	Cellulose	Chitin	Sodium
2.	Cell wall of prokaryotes composed of a chemical.	Plasmodesmata	Peptidoglycan	Chromatin	Stroma
3.	Ribosomes are constructed in	Endoplasmic reticulum	Nucleoid	Nucleolus	Nucleopores
4.	The function of Mitochondria.	Lipid storage	Protein synthesis	Photosynthesis	Cellular Respiration
5.	Cell organelle which contain digestive enzyme:	Ribosomes	Lysosomes	Centrioles	Endoplasmic reticulum
6.	Chemical matter abundantly present in the wood is.	Cutin	Lignin	Albumin	Globulin
7.	Sites where proteins are synthesized.	Mitochondria	Nucleus	Plastide	Ribosomes
8.	Who developed first microscope?	Robert Hooke	Louis pasteur	Robert Brown	Zacharias Johnsons
9.	Cell organelle which contain digestive enzyme.	Ribosomes	Lysosomes	Centrioles	Endoplasmic reticulum
10.	The size of human red blood cells is.	2 μm	4μm	6μm	8μm
11.	In 1665 British Scientist first of all discovered cell	Robert Brown	Robert Hooks	Aristotle	Lamark
12.	The movement of molecules from a region of lower concentration to higher concentration is called.	Active transport	Osmosis	Diffusion	Filtration

	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
2	(A)	(B)	(C)	(D)	5	(A)	(B)	(C)	(D)	8	(A)	(B)	(C)	(D)	11	(A)	(B)	(C)	(D)	14
3	(A)	(B)	(C)	(D)	6	(A)	(B)	(C)	(D)	9	(A)	(B)	(C)	(D)	12	(A)	(B)	(C)	(D)	15

نوٹ: معروضی سوال نامے کو توجہ سے پڑھیں اور ہر MCQ کی درست آپشن A, B, C, D کو بچپن کی سی یا مارگر سے اس طرح پڑھ کرین کہ سیای دائرے سے باہر نہ نکلے۔ ایک سے زیادہ دائروں کو پڑھ کر یا کاٹ کر پڑھنے کی صورت میں مذکورہ جواب غلط تصور ہوگا۔

TEST NO.4

CH - 4

BIOLOGY

Time Allowed: 1:45 hours

CLASS 9TH - 2020

Paper : (Essay Type)

Maximum Marks: 48

(PART - I)

2. **Write short answers to any FIVE (5) questions:** 10
- (i) What are Plastids?
 - (ii) Define Microscopy and Magnification.
 - (iii) What is cell wall?
 - (iv) What is Primary wall and Secondary wall?
 - (v) What is cell membrane?
 - (vi) What is role of turgor?
 - (vii) Define Ribosomes. Also describe the importance of Ribosomes.
 - (viii) What is Exocytose?
3. **Write short answers to any FIVE (5) questions:** 10
- (i) Write two differences between prokaryotic and eukaryotic cells.
 - (ii) What is Epithelial Tissues?
 - (iii) What is Apical meristem?
 - (iv) Define Phloem tissues.
 - (v) Define diffusion.
 - (vi) What is Tissue?
 - (vii) What is difference between diffusion and osmosis?
 - (viii) Define reverse osmosis.
4. **Write short answers to any FIVE (5) questions:** 10
- (i) Define Osmosis.
 - (ii) What is difference between primary cell wall and Secondary cell wall.
 - (iii) What are the types of connective tissues?
 - (iv) Define xylem and phloem.
 - (v) What is function of epidermal Tissues in plant.
 - (vi) What is the function of guard cells?
 - (vii) What is Golgi apparatus?
 - (viii) Draw the diagram of mitochondria and write the name of its two parts.

(PART - II)

Note: - Attempt any TWO questions.

5. (a) Write a note on Meristematic Tissues. 4
(b) What is diffusion explain with exaples. 5
6. (a) Describe the relationship between cell function and cell Structure. 4
(b) Describe the structure and function of nucleus. 5
7. (a) Write a short not on lysosomes. 4
(b) Write not on mitochondria and endoplasmic reticulum. 5