

TEST – 11**CHAPTER NO. 6 – 9 (2ND HALF BOOK)****BIOLOGY****CLASS 9TH – 2020****Paper: (Objective Type)****Time Allowed: 15 Minutes****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. No.	QUESTIONS	(A)	(B)	(C)	(D)
1.	Allmost all enzyme are	Carbohydrate s	Proteins	Fats	None of these
2.	The term metabolism is derived from which language.	Latin	German	Greek	Arabic
3.	In which part of chloroplast dark reactions of photosynthesis take place.	Stroma	Outer membrane	Inner membrane	Thylakoid membrane
4.	Process of glycolysis is found in _____	Ribosomes	Cytoplasm	Golgi complex	Vacuole
5.	How much ATP molecules are formed during cellular respiration?	40	38	63	36
6.	Blindness is caused by the deficiency of vitamin.	Vitamin A	Vitamin B	Vitamin C	Vitamin D
7.	One gram of carbohydrates has kilo calorie energy.	2	6	4	8
8.	What are the primary nutrients that provide quick use able energy to body?	Lipids	Carbohydrate s	Proteins	Nucleic Acids
9.	Where are villi found?	Esophagus	Stomach	Large intestine	Small intestine
10.	The name of compound that convert inactive enzyme pepsinogen into pepsin is.	Hydrochloric acid	Proteins	Lipids	Nucleic acid
11.	In one heartbeat, diastole remains about seconds.	0.6	0.8	0.4	0.7
12.	The compound that absorb CO ₂ is	NaOH	KOH	Ca(OH) ₂	Mg(OH) ₂

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 توجہ سے 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 کات کر پُر کرنے کی صورت میں مذکورہ جواب غلط تصور ہوگا۔

TEST- 11**CHAPTER NO. 6 – 9****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 is difference between Anabolism and catabolism?
 - (ii) Define activation energy.
 - (iii) Define Co factor and Co-enzyme.
 - (iv) What are uses of enzymes?
 - (v) What is meant by Optimum temperature?
 - (vi) What is the effect of temperature of enzymes?
 - (vii) Who put forward the Lock and Key Model? Write definition.
 - (viii) What is photosynthesis/ Write its equation.
3. Write short answers to any FIVE (5) questions: 10
- (i) Define Cellular Respiration.
 - (ii) What is difference between aerobic and anaerobic respiration.
 - (iii) Give uses of enzyme in paper industry.
 - (iv) Describe induced fit model
 - (v) What is Krebs cycle?
 - (vi) Write preventive measure for dengue fever.
 - (vii) What is meant by blood group system?
 - (viii) Difference between extra cellular and intra cellular enzyme.
4. Write short answers to any FIVE (5) questions: 10
- (i) How much energy is released from one mole of ATP?
 - (ii) Why AB blood induced are called universal recipients.
 - (iii) How the sound of lubb dub is produced heartbeat.
 - (iv) Write two character of enzyme.
 - (v) How much write blood cells are present in the body and what an their functions.
 - (vi) Write the weight and size of liver in an adult human.
 - (vii) Transpiration may be harmful process. How?
 - (viii) How is plasma separated from blood?

(PART – II)**Note: - Attempt any TWO questions.**

5. (a) What is the role of calcium and iron in human growth. 4
(b) Describe the mechanism of respiration. 5
6. (a) Describe difference steps of light reaction. Also draw Z-Scheme 4
(b) Explain effects of temperature and substrate concentration on rate of enzyme action. 5
7. (a) Write a note on digestion of food in human stomach. 4
(b) Write note on dietary fibers. 5

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