

1- پوری طرح سے پڑھیں اور جواب لکھیں۔ Section - B

2- دائروں کو لپیٹ کر جواب لکھیں۔ Section - B

3- جواب میں ایک سے لے کر دو دائرے لگائیں۔



Roll No

Time Allowed: 15 Minutes

Marks: 12

1	Salivary glands are found in..... تھوک کے غدود پائے جاتے ہیں۔	Stomach مخ	Intestine انٹسٹائن	Oral cavity اوپر کیونٹی مینج
2	Pancreas is a part ofsystem. پانکریاس ایک حصہ ہے۔	Respiratory نظام تنفس کا	Digestive غذائے	Excretory اخراجی نظام
3	Plasma contains all except..... پلازما میں سب کچھ ہوتا ہے سوائے۔	Nutrients غذا	Proteins پروٹین	Water پانی

4	Which one of the given does not produce digestive juices? ان میں سے کونسا ایک ہنسی جو س پیدا نہیں کرتا؟	Stomach مخ	Kidneys کلیوں	Pancreas پانکریاس
5	Grossing over takes place in which phase of meiosis? کراسنگ اوور کونسی فیزس میں کراسنگ اور ک عمل ہوتا ہے؟	Metaphase میٹافیز	Prophase-I پروفیز-1	Anaphase-I انافیز-1
6	Enzyme catalyzed reaction. Give the periodic atomicity of an atom. غذائے کی کیمیائی طور پر۔	Fats چکنائی	Carbohydrates کاربوہائیڈریٹس	Starch سٹارچ
7	Photosynthesis takes place..... فٹو سائنٹیس کونسی جگہ پر ہوتا ہے؟	In root cells مخوں کی خلیوں	Only in leaf صرف پتوں کے خلیوں	In green cells سبز خلیوں میں

8	Which of the given vitamins is produced when ultraviolet rays from sun strikes the skin? سولر کی شعاعوں سے کونسی وٹامن پیدا ہوتی ہے؟	Vitamin - A وٹامن - اے	Vitamin - C وٹامن - سی	Vitamin - D وٹامن - ڈی	Vitamin - B وٹامن - بی
9	The branch of biology which studies the functions and activities of life is called..... جینٹیکس کونسی شاخ ہے جو جانداروں کی زندگی اور سرگرمیوں کا مطالعہ کرتی ہے؟	Microbiology میکرو بائیولوجی	Morphology سائیکھ	Physiology فزیالوجی	Genetics جینٹیکس

10	The possible answer to the problem is called..... مشکل کے ممکنہ جواب کو کہتے ہیں۔	Hypothesis فرض	Conclusion نتیجہ	Data معلومات	Experiment تجربہ
11	Cell wall is absent in..... خلی دیوار کونسی خلیوں میں نہیں ہے؟	Animal cell جانداروں کی خلیوں	Plant cell نباتوں کی خلیوں	Fungi cell فنجائی خلیوں	None of these ان میں سے کوئی نہیں
12	Which one helps in pollination? پالینیشن میں مددگار کونسی ہے؟	Leucoplast لیوکوپلاسٹ	Chromoplast کروموپلاسٹ	Chloroplast کلوروپلاسٹ	None of these ان میں سے کوئی نہیں

For English Medium Students

Biology (New)

Roll Number

Note: Time allowed for Section B and Section - C is 2 Hours and 45 minutes.

In Figures:

Marks: 32

In Words:

Q-II Answer any EIGHT parts. Each part carries FOUR marks.

1. Why is biological classification essential?
2. Draw neat and labeled diagram of Euglena.

3. Define: i. Biosphere ii. Lithosphere iii. Atmosphere iv. Hydrosphere.

4. Define data. Also describe its importance.

5. Write down any four differences between prokaryotic and eukaryotic cells.

6. Define cell cycle. Describe the two main phases of cell cycle?

7. What is meant by denaturation of enzymes?

8. Describe any four environmental factors which affect the rate of photosynthesis.

9. Describe any four environmental factors which affect the rate of transpiration.

10. What is transpiration? Write the names of factors affecting transpiration rate?

11. Write the correct option i.e. A, B, C or D in the empty box provided below.

12

12. Which of the following is known as the father of genetics? A. Al-Battani B. Ibn Al-Haytham C. Jaber Bin Hayyan D. Bu-Ali-Sina

13

13. Highlight the contributions of Abdul Malik Aasmai in the field of biology.

14

14. How was malaria a serious health problem in the past?

15

15. (a) What is the status of viruses in classification?

16

16. (a) Explain the structure of chloroplast.

17

17. (a) Explain photosynthesis.

18

18. (a) What is the importance of diet?

19

19. (a) Write a note on liver as digestive gland.

20

20. (b) Write down the characteristics of white blood cells (WBCs)?

21

21. Which metal will rust if left open? A. Copper B. Aluminium C. Lead D. Iron

22

22. Which one is ideal to be used in a thermometer? A. Water B. Alcohol C. Mercury D. Benzene

23

23. Which of the following is not a communicable disease? A. Cholera B. Typhoid C. Malaria D. Polio

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