

بائیولوجی (حصہ انشائی) لروپ دوسرا
وقت: 01:45 گھنٹے
کل نمبر: 48
(Part - I حصہ اول)

10 Write short answers to any FIVE parts.

Define science.

What do you know about Bu Ali Sina?

What is biosphere level?

Define biological method.

Differentiate between theory and law.

Write any two characteristics of hypothesis.

What is meant by plasmodesmata?

What is difference between active transport and passive transport?

10 Write short answers to any FIVE parts.

Define taxonomy and systematics. (1+1)

Write the classification of pea plant.

Why S-phase is important for cell cycle?

What is crossing over? Draw its diagram. (1+1)

How disjunction is different from non-disjunction? (1+1)

What is phragmoplast? Why is it important for plant cell? (1+1)

Draw molecular structure of ATP.

Define photosynthesis. Give its equation. (1+1)

10 Write short answers to any FIVE parts.

What is optimum temperature? Give any suitable example. (1+1)

Write any two characteristics of enzymes. (1+1)

Write any two uses of enzymes. (1+1)

Write the effects of Dengue Fever on platelets. (1+1)

What is difference between ingestion and digestion? (1+1)

Write any two disorders of the gut.

Write any two reasons for the creation of transpiration pull. (1+1)

What is difference between angioplasty and bypass surgery. (1+1)

حصہ دوم، کوئی سے دو سوالات کے جوابات تحریر کیجیے۔ ہر سوال کے 09 نمبر ہیں۔

Part - II, Attempt any TWO questions. Each question carries 09 marks.

2+2 Write a note on population and community level.

3+2 Write the functions of cell membrane. Explain fluid mosaic model.

1+1+1+1 Give significance of biodiversity.

4+1 Describe summary of events of light reactions with the help of diagram.

2+2 Write a note on diseases in man related to minerals deficiency.

05 Write a note on arterial system in man and draw its figure.