

9th Class Biology

Fsd Board Group 1 paper

پاکستان لوگجی (حصہ اولیٰ) گروپ پیپر
وقت: 01:45 گھنٹے کل نمبر: 48
(Part - I : حصہ اول)

0

Write short answers to any FIVE parts.

- What is horticulture?
- Write any two contributions of Ibn-Al-Haytham in science.
- Define biological method.
- Quantitative observations are better in biological method. How?
- Define bioinformatics.
- Define the cohesion-tension theory.
- How is pus formed at infection site?
- Write two symptoms of dengue fever.

Write short answers to any FIVE parts.

- Write two principles of cell theory.
- Write the functions of xylem and phloem tissues.
- How cytokinesis occurred in plants cells?
- What is difference between crossing over and chiasmata formation?
- The S-phase of interphase is important and cell can never divide without it. Justify.
- Write the difference between degeneration and out-degeneration.
- Write the uses of enzymes in any two industries.
- What is meant by saturation of active sites?

Write short answers to any FIVE parts.

- What are endangered species?
- What is meant by deforestation?
- Which are photosynthesis and accessory pigments?
- What is the effect of carbon dioxide concentration on photosynthesis?
- What is meant by respiration?
- Write names of water soluble vitamins.
- To which problems obesity may lead?
- What is assimilation?

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

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

Write a note on mustard plant (*Brassica campestris*)

What are the important effects of biodiversity on an ecosystem? Explain.
Describe the structure and function of ribosomes.

Write the effect of temperature on the rate of enzymes action.
Explain mechanism of respiration.

Write symptoms, causes and treatment of diarrhoea.

917-EX125-62000

2۔ کوئی سے پانچ اجزاء کے مختصر جوابات لکھئے۔

- (i) سرنگت کھوپڑی؟
- (ii) پولیو کے کوئی سے دو پورے لڑکیں لکھئے۔
- (iii) ریڈ اوپن بکھٹے کا نام لکھئے؟
- (iv) ریڈ اوپن بکھٹے کی طرف سے کون سے پورے لڑکیں لکھئے؟
- (v) ریڈ اوپن بکھٹے کی طرف سے کون سے پورے لڑکیں لکھئے؟
- (vi) ریڈ اوپن بکھٹے کی طرف سے کون سے پورے لڑکیں لکھئے؟
- (vii) ریڈ اوپن بکھٹے کی طرف سے کون سے پورے لڑکیں لکھئے؟
- (viii) ریڈ اوپن بکھٹے کی طرف سے کون سے پورے لڑکیں لکھئے؟

3۔ کوئی سے پانچ اجزاء کے مختصر جوابات لکھئے۔

- (i) کون سے دو پورے لڑکیں لکھئے؟
- (ii) ریڈ اوپن بکھٹے کی طرف سے کون سے پورے لڑکیں لکھئے؟
- (iii) ریڈ اوپن بکھٹے کی طرف سے کون سے پورے لڑکیں لکھئے؟
- (iv) ریڈ اوپن بکھٹے کی طرف سے کون سے پورے لڑکیں لکھئے؟
- (v) ریڈ اوپن بکھٹے کی طرف سے کون سے پورے لڑکیں لکھئے؟

4۔ کوئی سے پانچ اجزاء کے مختصر جوابات لکھئے۔

- (i) ریڈ اوپن بکھٹے کی طرف سے کون سے پورے لڑکیں لکھئے؟
- (ii) ریڈ اوپن بکھٹے کی طرف سے کون سے پورے لڑکیں لکھئے؟
- (iii) ریڈ اوپن بکھٹے کی طرف سے کون سے پورے لڑکیں لکھئے؟
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5۔ (الف) سرسوں کے پورے لڑکیں لکھئے۔

(ب) ریڈ اوپن بکھٹے کی طرف سے کون سے پورے لڑکیں لکھئے؟

6۔ (الف) ریڈ اوپن بکھٹے کی طرف سے کون سے پورے لڑکیں لکھئے۔

(ب) ریڈ اوپن بکھٹے کی طرف سے کون سے پورے لڑکیں لکھئے؟

7۔ (الف) ریڈ اوپن بکھٹے کی طرف سے کون سے پورے لڑکیں لکھئے۔

(ب) ریڈ اوپن بکھٹے کی طرف سے کون سے پورے لڑکیں لکھئے۔

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Stefan Hohmann, Søren Nielsen



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