



BIOLOGY

BOOKS - VGS BRILLIANT BIOLOGY (TELUGU ENGLISH)

NEW MODEL PAPER ,PAPER - II BIOLOGICAL SCIENCE

Section I

1. Which group of organisms together does not constitute a food chain?



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2. Observe the classification chart and answer the blank B?



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3. Stem cutting is an artificial methods of vegetative propagation give another example?



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4. Read the sentence find the error and rewrite it?

"Haemoglobin is a red colour protein. It helps for photosynthesis".



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5. The following placards prepared in your school for conducting a rally can you name the occasion to use these ?



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6. CO_2 , H_2O sunlight andare required for photosynthesis.



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7. Is known as the photosynthetic organells of the cell.



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8. Observe the diagram, indentify the part "X"?



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9. I am having tough fibrous coat, large lumen, thin muscle layer and valves. Who am I?




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10. Expand B.O.D.



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11. Name the scientist with the help of this paragraph? 



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12. Identify the mismatched one

1) Protozoa - Flame cells

2) Annelida - Nephridia

3) Birds - Kidneys?



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Section II

1. Which organelles of the leaf absorb energy from the sunlight for photosynthesis ?



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2. Hari said that stem also respire along with leaves. How do you support him?



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3. How plants get rid of their waste materials?



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4. What are the advantages of grafting method in plants?



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5. What will happen, if there is no diaphragm in the human body?



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6. Which gas is evolved diagram experiment ?

How can this gas be tested for confirmation?



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7. Ravi observed a symbol on the plastic water bottle purchased by him. What does this symbol indicate?



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8. Write any two suggestions for the conservation of biodiversity at your village?



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Section Iii

1. Fill the given table and write the genotypic ratio basing on table?



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2. If the size and shape of small intestine is like esophagus what will happen ?



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3. If you visit a doctor, what doubts you would like to clarify about pancreas ?



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4. What did you observe in acid and leaf experiment ? What did you have understand regarding human digestive system from this?



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5. Look at the following table and answer the questions.



Who is healthy person why ?



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6. Who is suffering from hypertension ? What are the reasons ?



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7. Study the given paragraph and answer the questions.



What are the producers mentioned in the given paragraph ?



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8. What form is energy converted into photosynthesis ? In Photosynthesis, which form is energy converted into ?



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9. There is water scarcity in Ravi's village during summer. He wants to conduct a rally to create awareness regarding conservation of

water. Write any four slogans required to conduct this rally?



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10. What steps you take to conserve the biofuels in your daily life?



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Section Iv

1. Pollen grain represents one of the following



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2. Write the Darwin's theory of evolution in a nutshell?



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3. During dark reaction of photosynthesis



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4. How many stages are involved in the formation of urine ?



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5. What experiment do you perform to understand action of saliva on flour ? Explain its procedure and apparatus that you followed .



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6. Observe the experimental setup and answer the given questions.



What is the aim of this experiment ?

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7. What experiment do you perform to understand action of saliva on flour ? Explain its procedure and apparatus that you followed .



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8. What changes do you observe in thermometer during this experiment?



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9. What will happen, if dry seeds are taken instead of germinating seeds in this experiment?



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10. Observe the pie diagram showing water resources available in our state for agriculture and answer the given questions.



Which water resource is using more for agriculture?

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11. What are the consequences of excess utilization of underground water?



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12. Which water resource should be utilized for agriculture?



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13. What are the alternative ways to increase the underground water resources?



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14. Study the given paragraph and answer the questions.



Which blood cells are helpful in blood coagulation?



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15. Which enzyme is responsible for blood coagulation ? When does it release?



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16. Name the enzyme that involves in the conversion of fibrinogen into fibrin?



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17. What will happen, if blood doesn't coagulate when wound occurs?



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18. Draw a neat labelled diagram of internal structure of leaf. Which mesophyll cells of the leaf consisting of chloroplast?



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19. 

What does the given picture represents?



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20. Name the part A and B.



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21. What carries the nerve impulse to the spinal cord?



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22. What is the function of association neuron?



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