



# BIOLOGY

## NCERT - NCERT Biology(TELUGU)

### QUESTION PAPER 2017

#### Example

1. Citric acid, vinegar, curd, lactic acid, lemon, acetic acid. These are some of the food items

and the acids present in them. Rearrange the food items with their acids in tabular form.



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2. Do you find any similarities between silk and wool weaving ? What are they ?



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3. Draw the electric circuit diagram for connecting the cells in parallel.



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4. We observe the news about cyclones in televisions and newspapers. Write any two questions that arise in your mind about how cyclones are formed.



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5. Write any two slogans on "Haritha Haram" programme which is introduced by

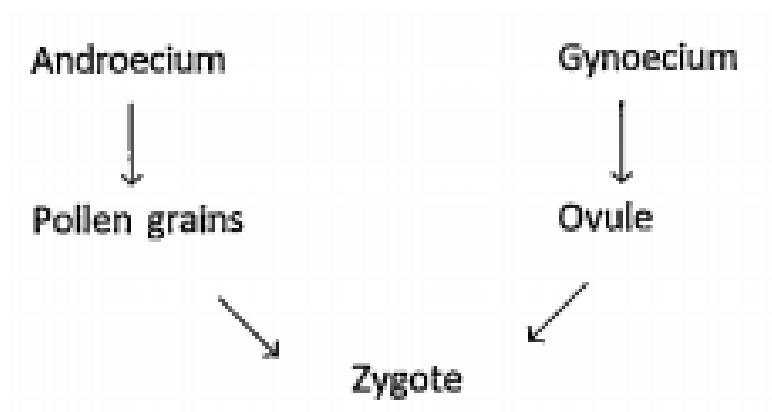
# Government Telangana.



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6. Observe the flow chart:

By combining of pollen grain and ovule, what will form?



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7. After learning the chapter "Heat - Measurement" Ramya decide that "Heat is a form of energy". How do you explain it?



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8. It is our responsibility to save the electricity. Predict the ways of saving electricity in our daily life.



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**9.** What are the important components that we should have in our food? Make a list of food items which consists of these components.



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**10.** Mirrors are used in Headlights, Rear view mirrors in motor vehicles and Torch lights. How do you appreciate the applications of mirrors in our daily life?





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**11.** Draw the diagram of Sexual part of a plant, and label the parts.



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**12.** Describe the construction and working of Six's maximum and minimum thermometer with diagram.



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**13.** What is motion? Explain in different types of motions with examples.



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**14.** Explain different types of agents used for the seed dispersal.



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**15.** Explain the life cycle of Silkworm with neat labelled diagram.



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**16.** Write the materials required and procedure to make your own cell.



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17. What chemical do we use to test the presence of starch ?



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18. Observe the table:

Which plant grow the buds on the leaf?

Plant	Part of the plant
Sweet potato, Dahlia, Carrot, Turnip, Radish	New plants grow from modified root.
Potato	New plants grow from eyes in the tuber which is a modified stem.
Onion, garlic, tuberose, lilies, gladioli	New plants grow from bulbs, corms which are modified stems.
Bryophyllum, begonia	New plants grow from buds on the leaf.
Sugar cane	Stem grows at the nodes of roots.
Mint, strawberry, chrysanthemum	Stem creeps along the ground and strike roots at the nodes.



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19. Observe the table:

Which part can grow as new plant in Sugarcane?

Plant	Part of the plant
Sweet potato, Dahlia, Carrot, Turnip, Radish	New plants grow from modified root.
Potato	New plants grow from eyes in the tuber which is a modified stem.
Onion, garlic, tuberose, lilies, gladioli	New plants grow from bulbs, corms which are modified stems.
Bryophyllum, begonia	New plants grow from buds on the leaf.
Sugar cane	Stem grows at the nodes of roots.
Mint, strawberry, chrysanthemum	Stem creeps along the ground and strike roots at the nodes.



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20. Observe the table:

From which plant part, potato is grown?

Plant	Part of the plant
Sweet potato, Dahlia, Carrot, Turnip, Radish	New plants grow from modified root.
Potato	New plants grow from eyes in the tuber which is a modified stem.
Onion, garlic, tuberose, lilies, gladioli	New plants grow from bulbs, corms which are modified stems.
Bryophyllum, begonia	New plants grow from buds on the leaf.
Sugar cane	Stem grows at the nodes of roots.
Mint, strawberry, chrysanthemum	Stem creeps along the ground and strike roots at the nodes.



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21. Observe the table:

What is the similarity in plant reproduction in

the above table.

Plant	Part of the plant
Sweet potato, Dahlia, Carrot, Turnip, Radish	New plants grow from modified root.
Potato	New plants grow from eyes in the tuber which is a modified stem.
Onion, garlic, tuberose, lilies, gladioli	New plants grow from bulbs, corms which are modified stems.
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Sugar cane	Stem grows at the nodes of roots.
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22. Observe the table:

Name the gas which is utilized in body.

S.No.	Gases	Inhaled air (mL)	Exhaled air (mL)
1.	Oxygen	210	165
2.	Carbon dioxide	0.4	40
3.	Nitrogen and other gases	790	795



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**23.** Observe the table:

Which gas is increased more in exhaled air?

S.No.	Gases	Inhaled air (mL)	Exhaled air (mL)
1.	Oxygen	210	165
2.	Carbon dioxide	0.4	40
3.	Nitrogen and other gases	790	795



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**24.** Observe the table:

Which gas turns lime water to milky white?

S.No.	Gases	Inhaled air (mL)	Exhaled air (mL)
1.	Oxygen	210	165
2.	Carbon dioxide	0.4	40
3.	Nitrogen and other gases	790	795



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## Exercise

1. Which food component is used to prevent constipation?

A. Proteins

B. Roughages

C. Fats

D. Vitamins

**Answer:**



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2. Depositing one metal on another metal is

A. Pasteurization

B. Pulverisation

C. Galvanisation



## D. Oxidation

**Answer:**



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**3.** If large and fine particles are present in equal proportions, the soil is called.....

A. Sandy soil

B. Clay soil

C. Loam

D. Red soil

**Answer:**



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4. When a magician cuts the lemon with the knife, it becomes red in colour. The material used on the knife may be

A. Phenolphthaleine indicator

B. Acetic acid

C. Citric acid

D. Methyl orange

**Answer:**



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**5. The chemical used to disinfect the water is**

A. Hydrochloric acid

B. Chlorine

C. Bromine

## D. Hydrogen

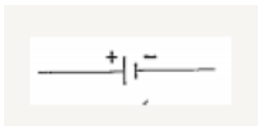
**Answer:**



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**6.** The symbol indicating Electric bulb with on position.

**A.**



B.



C.



D.



**Answer:**



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7. Why Mercury is used in thermometers?

- A. It is a good conductor of heat
- B. Its expansion is in uniform
- C. It is opaque
- D. All the above

**Answer:**



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8. Army people can see their enemies during hiding themselves with the help of

A. Thermometer

B. Telescope

C. Periscope

D. None of the above

**Answer:**



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9. Gaseous exchange is done in plants through

A. Cells

B. Stomata

C. Gills

D. Cell membrane

**Answer:**



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