

Greenlawns School, Worli
Terminal Examination – 2020
Biology Practical

Std: X

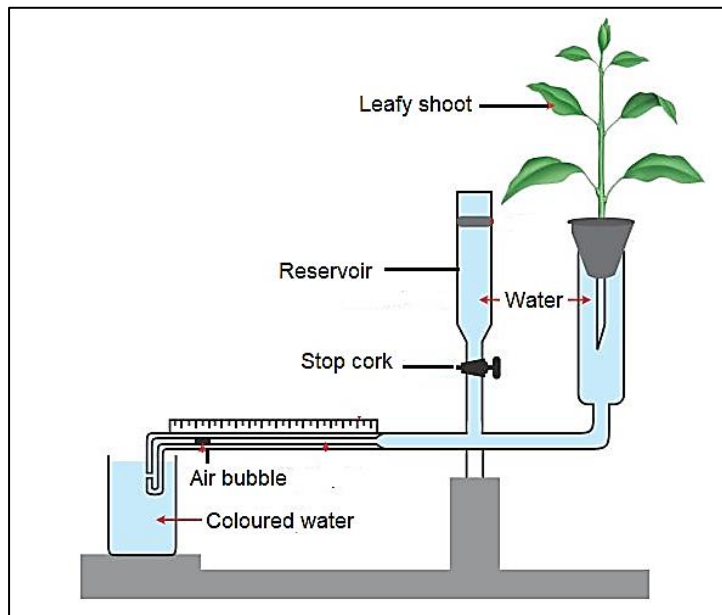
Date: 18/09/20

Marks: 20

Time: 1 hr

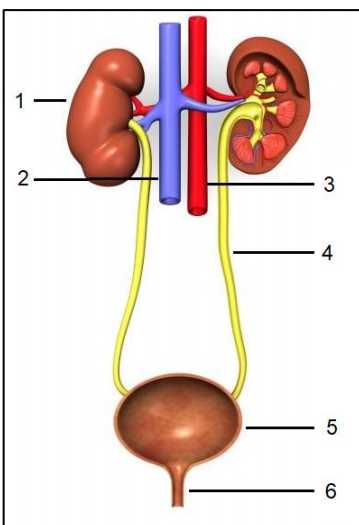
You will be given 10 minutes to read the question paper. All questions are compulsory.

Q.1) Study the set up and answer the questions given below:



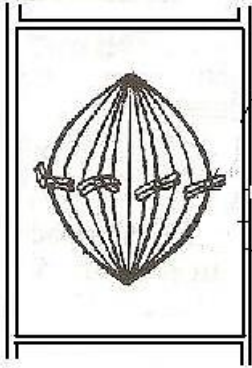
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|---|-----|
| a) Name the apparatus. | [1] |
| b) What is this apparatus used for? | [1] |
| c) What will you observe when this apparatus is placed in sunlight? | [1] |
| d) What do you conclude from this experiment? | [1] |

Q.2) Observe the model carefully and answer the following questions:



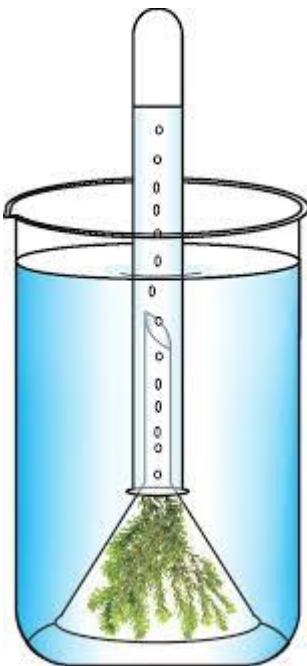
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|---|------|
| a) Name the system shown. | [½] |
| b) Label the parts 1, 4 and 6. | [1½] |
| c) Give one point of difference between parts 2 and 3. | [1] |
| d) What is the structural and functional unit of this system? | [1] |
| e) Describe part 5. | [1] |

Q.3) Given below is a certain stage of mitosis in a cell. Observe and answer:



- a) Identify this stage and give a relevant reason. [1]
- b) Is it a plant or animal cell? Give reason. [1]
- c) Redraw and label any two distinctly visible parts. [1]
- d) Draw and label the stage that comes next to it. [2]

Q.4) Observe the set up given below carefully and answer the following questions:



- a) What is the aim of this experiment? [1]
- b) Name one plant that can be used for this experiment. [1]
- c) What is the purpose of the support kept at the base of the funnel? [1]
- d) What will happen to the rate of evolution of the gas if a pinch of sodium bicarbonate is added? [1]

Q.5) Draw a neat and labelled diagram to show that carbon dioxide is necessary for photosynthesis. [2]
