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PHM-1.1.2

REMEDIAL BIOLOGY

(B. Pharmacy., 1st Semester, 2055)

Time : 3 Hours

Maximum Marks : 40

Note :- Section A is compulsory. Attempt any *Four* questions from Section B and any *Three* questions from Section C.

Section-A Marks : 1 Each

- (a) What are prop. roots?
- (b) What is rhizome?
- (c) What is Runner and Climber?
- (d) Name various cell organelles present in plant cell.

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Turn Over

(e) What is the function of cell wall?

(f) What are lenticells ?

(g) What are permanent cells ?

(h) What is osmoregulation?

(i) Name different parts of roots.

(j) What is sexual dimorphism ?

(k) What is Schistosoma ?

(l) What diseases are produced by plasmidium ?

(m) What is ancylosotma ?

(n) What are non-living inclusions ?

(o) What is morphology and histology ?

Section-B Marks : 2½ Each

2. What are differences between mitosis and meiosis ?

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(3)

3. What is adventitious root system ? Give its modifications.
4. Explain the structure of entamoeba.
5. Explain the structure of mosquito.
6. Draw the histological structure of dicot root.

Section-C Marks : 5 Each

7. Explain the structure and life-history of plasmodium.
8. Write note on methods of classification of plants.
9. Write note on different parts of flower.
10. Explain the life-history of amoeba.

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