

CHUKA



UNIVERSITY

Knowledge is Wealth (*Sapientia divitia est*) Akili ni Mali

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BOTA 101: GENERAL BOTANY: SCH BASED-APRIL 2025

Section A. Answer all the questions

1. State five branches of pure botany 5mks
2. Outline the economic importance of bacteria 5mks
3. a) List three characteristics of Pteridophytes 3mks
b) Give two negative effects of pteridophytes 2mks
4. a) **Explain** Describe the process of double fertilization in angiosperms 4mks
b) Give two major groups of angiosperms 1mk
5. Explain facilitated diffusion and active transport processes of movement of materials in plants 5mks
6. a) Give two factors used in classification of algae 2mks
b) Name three end products of respiration 2mks

Section B. Answer two questions

7. Discuss the positive and negatives aspects of fungi 20mks
8. Discuss the economic importance of gymnosperms 20mks
9. Describe the phases of photosynthesis 20mks

