

**UNIVERSITY OF AGRICULTURE, ABEOKUTA**  
**COLLEGE OF PLANT SCIENCE AND CROP PRODUCTION**  
**DEPARTMENT OF HORTICULTURE**

**FIRST SEMESTER EXAMINATIONS (2009/2010 SESSION)**

**HRT 507: ORNAMENTAL HORTICULTURE**

**INSTRUCTION: Answer Question 1 and any other Three. Time Allowed – 2hrs**

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1. (a) Identify specimens in plates A - N by either the common or scientific name  
(b) State the common mode of propagation of specimens a, c, d, g and h .  
(c) Mention two uses of each of specimens b, d, f, j and m in landscaping.  
(d) State one reason why specimen N should not be used within a children play area.
2. Discuss the relevance of Ornamental Horticulture industry to the economic development of Nigeria especially in the attainment of the Millennium Development Goals (MDGS).
3. (a) Define the term Horticultural Nursery.  
(b) State three (3) reasons why ornamental plants are commonly raised by vegetative propagation methods.  
(c) What factors will you consider in setting up an ornamental crops nursery ?
4. (a) Mention five (5) major types of endogeneous growth substance/phytohormone that are present in ornamental plants.  
(b) Give three (3) examples of growth regulators/hormones that can be used to stimulate rooting in cuttings of difficult-to-root floral plants.  
(c) Explain the importance of growth retardants in the production of pot plants.
5. (a) List five species of ornamental plants suitable for use as:  
(i) Ground covers  
(ii) Cut Flowers  
(b) Differentiate between Lawn and Turf.  
(c) Suggest a type of grass suitable for establishing lawns in;  
(i) A 5-star hotel (ii) Football field (iii) Land with poor drainage  
(iv) Around a private home building (v) An erosion-threatened surface
6. (a) Make a classification of ornamental plants based on mode of use and give two examples in each case. (b) Enumerate the maintenance practices in ornamental plant production.

