MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATIONS
2017/2018 ACADEMIC YEAR

FOURTH YEAR SECOND SEMESTER

SCHOOL OF TOURISM AND NATURAL RESOURCE MANAGEMENT

BACHELOR OF FOREST ECOSYSTEMS MANAGEMENT

COURSE CODE: FOR 420
COURSE TITLE: URBAN FORESTRY

DATE: 19TH APRIL, 2018   TIME: 08:30-10:30AM

<u>INSTRUCTIONS TO CANDIDATES</u>

Answer **ALL** questions in section **A,** and any other **THREE** in section **B.**

This paper consists of 2 printed pages. Please turn over

ANSWER ALL QUESTIONS IN SECTION A (25 MARKS)

1. Differentiate between urban forestry and urban silviculture
(2 marks)

2. a) Define arboriculture as used in urban forestry   **(2 marks**)

b) Explain the management and protection of urban forests
(4 marks)

3. a) Identify the factors to consider when planning and designing urban forestry   **(4 marks)**

b) Outline composition or types of urban forestry   **(3 marks)**

4. Explain **three** attributes that you will consider in landscaping and designing urban forestry   **(6 marks)**

5. Briefly explain categories of physical development plans for urban forestry in Kenya   **(4 marks)**

SECTION B: ANSWER ANY THREE QUESTIONS (45 MARKS)

6. Describe the factors and criteria that influences selection of tree species for urban   forestry   **(15 marks)**

7. Discuss the benefits derived from urban forest   **(15 marks)**

8. Discuss the categories/groups of variety of plants which can be grown for landscaping, interior decorative and ornamental purposes giving examples   **(15 marks)**

9. Discuss the potential and current problems facing urban forestry in Kenya   **(15 marks)**

10. a) Using illustrations, explain the importance for managing parks and open space vegetation in   urban areas   **(6 marks)**

b) Discuss the physical planning policies and legislations that will be considered when designing urban forestry in Kenya **(9 marks)**

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