

DEPARTMENT OF GEOGRAPHY, ENVIRONMENTAL SCIENCE AND PLANNING

FINAL EXAMINATION PAPER

AUGUST 2020

BASS

TITLE OF PAPER: URBAN SYSTEMS AND REGIONAL PLANNING

COURSE NUMBER: GEP 422

TIME ALLOWED: THREE (3) HOURS

INSTRUCTIONS: ANSWER THREE (3) QUESTIONS

- 1. QUESTION 1 IS COMPULSORY**
- 2. CHOOSE TWO (2) QUESTIONS FROM SECTION B**
- 3. WHERE APPROPRIATE ILLUSTRATE YOUR ANSWERS WITH EXAMPLES**
- 4. ALL WORKING AND/OR CALCULATIONS MUST BE SHOWN**
- 5. YOU WILL BE PROVIDED WITH GRAPH PAPERS AND TABLES FOR CRITICAL VALUES AND SIGNIFICANT LEVELS.**

ALLOCATION OF MARKS: QUESTION ONE (1) CARRIES 40 MARKS WHILE THE REST CARRY 30 MARKS EACH

THIS QUESTION PAPER SHOULD NOT BE OPENED UNTIL PERMISSION IS GRANTED BY THE INVIGILATOR

GEP 422: URBAN SYSTEMS AND REGIONAL PLANNING

FINAL EXAMINATION AUGUST 2020

SECTION A: COMPULSORY

QUESTION 1

Discuss the challenges associated with urban and regional planning in developing countries and Eswatini in particular. **(40 Marks)**

SECTION B: ANSWER ANY TWO QUESTIONS

QUESTION 2

Account for the growth and emergence of informal settlements in peri-urban areas of developing countries and Eswatini in particular. **(30 Marks)**

QUESTION 3

- a) Critically discuss the rationale for declaring urban areas in Eswatini. **(20 marks)**
- b) Using clear examples, discuss the purpose of planning legislation. **(10 marks)**

(30 Marks)

QUESTION 4

Discuss the role played by Non-Governmental Organizations in regional development in Eswatini.

(30 Marks)

QUESTION 5

Discuss the challenges associated with the Regional Development Fund of Eswatini.

(30 Marks)

UNIVERSITY OF ESWATINI
DEPARTMENT OF GEOGRAPHY, ENVIRONMENTAL SCIENCE AND
PLANNING
FINAL EXAMINATION, MAY/JUNE 2020
BSc.

TITLE OF PAPER: RESOURCE MANAGEMENT

COURSE NUMBER: GEP424

TIME ALLOWED: THREE (3) HOURS

INSTRUCTIONS:

- 1. SECTION A IS COMPULSORY**
- 2. ANSWER ANY TWO QUESTIONS**
FROM SECTION B
- 3. ILLUSTRATE YOUR ANSWERS WITH**
APPROPRIATE DIAGRAMS

ALLOCATION OF MARKS: QUESTION 1 (COMPULSORY) CARRIES 40
MARKS, WHILE THE REST CARRY 30
MARKS EACH

THIS PAPER SHOULD NOT BE OPENED UNTIL PERMISSION IS GRANTED
BY THE INVIGILATOR

SECTION A: COMPULSORY

QUESTION 1

'Deforestation is a global phenomenon that threatens not only biodiversity but also the livelihoods of people who depend on them'. Discuss this statement with reference to Eswatini. **(40 Marks)**

SECTION B : ANSWER ANY TWO QUESTIONS

QUESTION 2

The European Commission's Sentinel 5P satellite is dedicated to monitoring our atmosphere and findings from the first 3 years indicate high concentrations of nitrogen oxide in the Witbank region of South Africa. Discuss the implications of these observations on issues of sustainability, particularly as it relates to environment, health and energy. **(30 Marks)**

QUESTION 3

Describe the occurrence and economic significance of iron ore in Eswatini and discuss the environmental and social implications of its past and potential future exploitation. **(30 Marks)**

QUESTION 4

'The thermal springs of Eswatini are an under-utilized resource that has potential to contribute to the sustainable economic development of the country'. Discuss the validity of this statement. **(30 Marks)**

QUESTION 5

The Kingdom of Eswatini Energy Masterplan 2034 espouses doubling the share of renewable energy in the primary energy mix in order to drastically reduce emissions from Eswatini's energy sector, which represented more than 20 % of the nation's greenhouse gas emission inventory in 2010. Discuss the strategies that the country might need to adopt to achieve this goal. **(30 Marks)**