

UNIVERSITY OF SWAZILAND

Faculty of Health Sciences

(BSC) IN ENVIRONMENTAL HEALTH

SUPPLEMENTARY EXAMINATION PAPER 2014

TITLE OF PAPER : ENVIRONMENTAL MANAGEMENT

COURSE CODE : EHM 306

DURATION : TWO HOURS

MARKS : 100

INSTRUCTIONS : ANSWER ONLY FOUR QUESTIONS

: EACH QUESTION CARRIES 25 MARKS

: BEGIN EACH QUESTION ON A SEPARATE SHEET OF PAPER

DO NOT OPEN THIS QUESTION PAPER UNTIL PERMISSION IS GRANTED BY THE INVIGILATOR

QUESTION ONE

- a) List the eight millennium development goals (MDGs) (8 marks)
- b) State the targets for MDG 7 and discuss these MDG. (17 marks)

TOTAL 25 MARKS

QUESTION TWO

- a) There has been a growth of interest in the role of women in development and environmental management, especially since the 1975 to 1985 UN Decade for Women. Discuss the subdivisions of the rapidly expanding literature and activism according to the perspective adopted. (8 marks)
- b) List five of the more common elements of environmental management approaches (5 marks)
- c) List five tools and techniques that can be used for environmental management. (5 marks)
- d) Environmental management seeks to improve environmental stewardship by integrating ecology, policy making, planning and social development. State the purpose of environmental management. (7 marks)

TOTAL 25 MARKS

QUESTION THREE

It is important for environmental managers to engage with the right people in an appropriate way to achieve results in environmental management. The environmental manager can target key individuals or groups and should gain some insight into their views and abilities, interests and relationships. Discuss and analyze the stakeholders needed to be engaged and managed by the environmental manager to achieve results.

TOTAL 25 MARKS

QUESTION FOUR

- a) Environmental management can support sustainable development. Show how sustainable development can support environmental management. (2 marks)
- b) Write short notes on the environmental management concept known as Polluter's pay principle (5 marks)
- c) Marginalization usually means the weakening of livelihood, diminished standards of living, and more vulnerability to damage; in short, a poorer and more precarious position. Some groups are more prone to marginalization. Name the groups that are more prone to marginalization. (5marks)
- d) Why public the public should be involved in environmental management? (5 marks)
- e) State the three distinct stances that are adopted in environmental management. (3marks)
- f) Write short notes on expert systems in environmental management (5 marks)

TOTAL 25 MARKS

QUESTION FIVE

Climate change is perhaps the biggest environmental issue facing us today. There are many natural causes of climate change, but many scientists now believe that human activities are also playing role.

- a. How have human activities led to climate change? (10 marks)
- b. How strong is the evidence that human activities have led to climate change? (15 marks)

TOTAL 25 MARKS