



FACULTY OF SCIENCE

DEPARTMENT OF GEOGRAPHY, ENVIRONMENTAL MANAGEMENT & ENERGY STUDIES

MODULE: ENS8X02

INTERNATIONAL GEOGRAPHICAL & POLITICAL ASPECTS OF ENERGY
(ENERGY POLITICS)

CAMPUS: APK

SUPPLEMENTARY EXAM: JANUARY 2020

DATE: January 20120

DURATION: 3 HOURS

ASSESSOR(S): Dr. N.E. Kambule

EXTERNAL MODERATOR: Dr. M.D. Masekameni

MARKS: 100

INSTRUCTIONS:

Please answer any THREE of the FIVE questions.

This is a three-hour exam. Each answer should not take you longer than 60 minutes to write if you want to complete the test in time. You may use diagrams in your answer if you want to.

Each answer is worth the same number of marks (33.3%)

QUESTION 1

There have been calls for deregulation and complete privatisation of South Africa's electricity sector. This may have various consequences for the sector including its overall transformation. Critically discuss advantages and disadvantages of deregulating and privatising the electricity sector, and give proposals as to how the sector can be transformed.

(33.3)**QUESTION 2**

The 2030 Sustainable Development Goal SDG 7 is mainly focused on "Ensuring access to affordable, reliable, sustainable and modern energy for all." What are the key interventions that should be considered by the sub-Saharan region to promote energy access and the reduction of energy poverty? Focus on the electricity sector in terms of regulation, ownership, institutional arrangements and finance.

(33.3)**QUESTION 3**

Critically evaluate the evolution of the structure of the South African electricity sector. Focus your attention to successes and challenges.

(33.3)**QUESTION 4**

The president of South Africa, Cyril Ramaphosa, announced that Eskom will in the near future be subjected to unbundling – separating the utility into 3 separate utilities. Explain the implications that may be associated with this decision.

(33.3)**QUESTION 5**

Describe some of the adaptation and mitigation mechanisms South Africa have adopted in dealing with climate change. Your description should be in the context of Energy and Transport.

(33.3)

TOTAL	(100)
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