



**NAMIBIA UNIVERSITY  
OF SCIENCE AND TECHNOLOGY**

**FACULTY OF HUMAN SCIENCE**

DEPARTMENT OF SOCIAL SCIENCES

<b>QUALIFICATION: BACHELOR OF PUBLIC MANAGEMENT HONOURS</b>	
<b>QUALIFICATION CODE: 08BPMH</b>	<b>LEVEL: 8</b>
<b>COURSE CODE: PPG811S</b>	<b>COURSE NAME: PROJECT PLANNING AND MANAGEMENT</b>
<b>SESSION: JULY 2019</b>	<b>PAPER: THEORY</b>
<b>DURATION: 3 HOURS</b>	<b>MARKS: 100</b>

<b>SUPPLEMENTARY / SECOND OPPORTUNITY EXAMINATION QUESTION PAPER</b>	
<b>EXAMINER(S)</b>	Mrs M Maree
<b>MODERATOR:</b>	Prof Piet van Rooyen (UNAM)

<p style="text-align: center;"><b>INSTRUCTIONS</b></p> <ol style="list-style-type: none"><li>1. Write clearly and be tidy.</li><li>2. Answer any (4) Four questions.</li><li>3. All questions have equal weighting of 25 marks each.</li><li>4. All questions relate to the article "Renewable energy projects handed over to communities in Kavango East and West".</li><li>4. Be sure to number the answers correctly.</li></ol>
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**THIS QUESTION PAPER CONSISTS OF 3 PAGES (Including this front page)**

## ARTICLE

### **Renewable energy projects handed over to communities in Kavango East and West**

THE Namibia Red Cross Society (NRCS) officially handed over renewable energy and climate change mitigation projects it implemented in March 2017 to communities in the Kavango East and West regions last Thursday.

The NRCS, in collaboration with the Spanish Red Cross, implemented the European Union-funded project to promote renewable energy for the purposes of climate change mitigation in Namibia. The official handing over took place at the Sikondo village in the Kavango West region as it is one of the three communities which benefited from the project. The other two communities are the Mayana village in Kavango East and Sharukwe, in Kavango West. In a speech read on her behalf, NRCS secretary general Bernadette Bock said close to 300 households benefited from the project. Amongst other things, two solar-powered boreholes were constructed in the Mayana and Sharukwe community gardens.

The community garden of Sikondo was supplied with a floating solar-powered pumping system.

Bock said Namibia is considered to be highly vulnerable to the impacts of climate change due to its geographic location, which results in the country having harsh weather patterns. This year, Namibia will have to import more of its food from neighbouring countries as very little to no grains were harvested in most farming groups throughout the country.

“We cannot emphasise enough the need for our country to seek alternative energy to meet our domestic needs, and minimise the country's dependence on other countries,” Bock said. She further pointed out that Namibia is not able to generate sufficient electricity to meet its needs and as a result, imports nearly 60% of its electricity from countries in the region, much of which is generated from fossil fuels.

“We are one of the countries with abundant sunshine, and if this resource can be put to good use through the generation of solar energy, we would be one of the global leaders in green energy,” she noted. – Nampa

## **ANSWER ANY FOUR (4) OF THE FOLLOWING QUESTIONS.**

### **QUESTION 1**

Based on the article “Renewable energy projects handed over to communities in Kavango East and West”, discuss the characteristics of a competent project manager and the necessary skills that is needed to successfully lead an international project of this nature in Namibia. (25)

### **QUESTION 2**

The PMBOK (Project Management Body of Knowledge) identifies Communication and Stakeholder engagement as two knowledge areas that are essential for success in Project Management.

2.1. Develop short notes that explains the importance of these two knowledge areas in projects in general. (10)

2.2. Formulate the outline of a strategy that can be used to address these two areas of concern in the community based projects in the Kavango East and West regions as discussed in the article "Renewable energy projects handed over to communities in Kavango East and West". (15) (25)

### **QUESTION 3**

Describe the five project management process groups and discuss the important elements in each process that contributes to the success of the Sikondo community gardens which is a direct result of the successful project of the Namibia Red Cross as discussed in the article. (25)

### **QUESTION 4**

There are always risks associated with projects, and therefore as a project manager you are required to make sure that you manage any risk that might occur during the project.

4.1. What is a project risk management plan? (5)

4.2. Explain the major processes involved in project risk management of the project of the Namibia Red Cross in the Kavango region. (10)

4.3. Draw and discuss in detail the most important elements that a risk management plan should cover. (10) (25)

### **QUESTION 5**

During the Project Execution phase of any project, the Project Team is assembled and put to work, to reach the project deliverables. In the case of the renewable energy project that benefitted more than 300 households in 3 communities, the project team at times were fragmented and could have easily derailed the success of the project.

Discuss the barriers that might pose threats to this specific team working on the Namibian Red Cross project and suggest methods as to overcome these barriers. (25)

**TOTAL 100**

