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MAIN EXAMINATION

JANUARY – APRIL 2014 TRIMESTER

FACULTY OF ARTS AND SOCIAL SCIENCES

DEPARTMENT OF DEVELOPMENT STUDIES

EVENING PROGRAMME

MPM 508: PROJECT PLANNING MANAGEMENT TOOLS

Date: APRIL 2014

Duration: 3 Hours

INSTRUCTIONS: Answer ANY FOUR Questions

- Q1. a) Analyze the key characterizes of a project which a project manager should bear in mind when planning a project. **(5 marks)**
- b) Evaluate the level of effort and focus of activities in the project life cycle. **(10 marks)**
- Q2. The coastal region of Kenya has over the last 10 years experienced high rate of school dropout both at primary and secondary education levels. This high dropout rate has been a source of concern among stakeholders in the region. County governments in the region have hired you to provide consultancy services to develop a project to address education situation in the county. Systematically analyze the problem of education dropout in the region, and develop a logical frame for a five year project to address education dropout in the Coastal Region. **(15 marks)**
- Q3. a) What are the basic differences between PERT and CPM? **(4 marks)**

- b) Discuss the rules for project network construction. **(5 marks)**
- c) Mrs. Jane Kungu is undertaking a project whose activities and various time estimates are provided in the table below:

Activity	Time in weeks
1-2	8
1-3	5
2-4	9
3-5	7
2-5	5
4-6	3
5-6	6
6-7	10
5-7	9

- i) Draw a network diagram for the project and indicate the critical and slack paths. **(5 marks)**
- ii) Which is the minimum duration in which Mrs. Jane Kungu's project can be completed? **(1 mark)**
- Q4. a) Evaluate the basic tasks involved in project planning process. **(7 marks)**
- b) Explain the features of project Kickstart tool which makes it useful in planning and management of projects. **(8 marks)**
- Q5. a) You are a manager of a project which is experiencing a problem of producing products whose quality is not meeting the standards set by your customers. You have decided to analyze the cause of low quality products as a way of addressing the situation as a way of winning the confidence of customers. Using fishbone tool, discuss the categories of possible causes of problems you will analyze to establish the problem of low quality products in your project? **(6 marks)**

- b) Describe the steps which you will follow in applying fishbone diagram procedure in analyzing a problem for project formulation.

(9 marks)

- Q6. Evaluate the importance of Task Juggler in project planning management.

(15 marks)

END