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KIBABII UNIVERSITY

2017/2018 ACADEMIC YEAR

FOURTH YEAR SECOND SEMESTER

MAIN EXAMINATIONS

**FOR THE DEGREE OF BACHELOR OF SCIENCE IN RENEWABLE ENERGY AND
BIOFUELS TECHNOLOGY**

COURSE CODE: IET 481

COURSE TITLE: PROJECT MANAGEMENT FOR TECHNOLOGISTS EXAMINATION

DATE: 8/8/2018

TIME: 9-11AM

INSTRUCTIONS TO CANDIDATES

Answer question ONE and any other two questions

This paper consists of 4 printed pages. Please Turn over

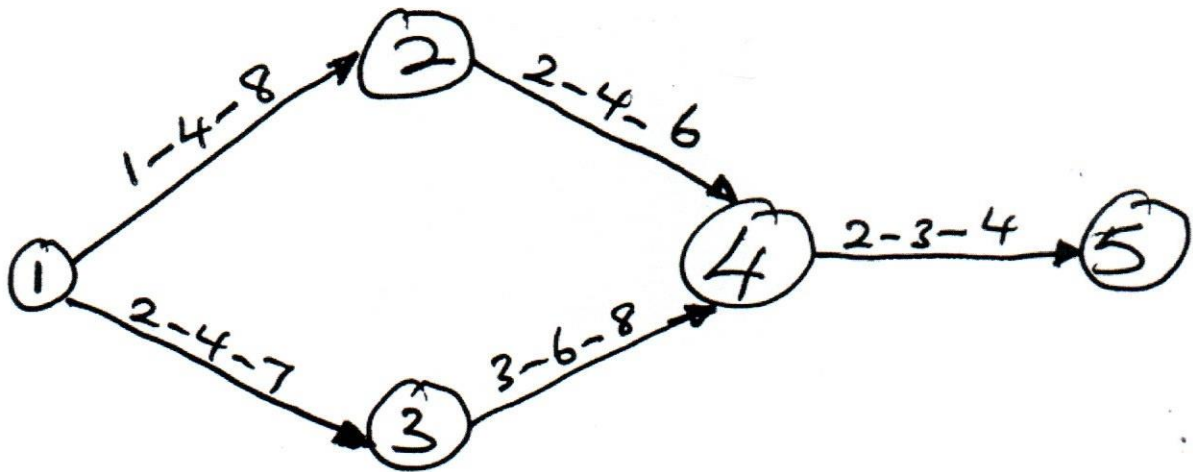


Fig. 1

QUESTION 4 (20 marks)

A project has eleven activities whose duration is given in the following table.

Activity	1-2	2-3	2-4	3-5	3-6	4-5	4-7	5-8	6-8	7-8	8-9
Duration (days)	2	8	10	6	3	3	7	5	2	8	3

- Draw the network
- Determine total, free and independent floats.
- Identify the critical activities, the critical path and project duration.

QUESTION 5 (20 marks)

- Explain any five (5) sources of project finance (10 marks).
- Describe any five (5) project financial appraisal methods (10 marks).