



TECHNICAL UNIVERSITY OF MOMBASA
**Faculty of Engineering &
Technology**

DEPARTMENT OF BUILDING & CIVIL ENGINEERING
DIPLOMA IN ARCHITECTURE (DARC 12S/S-FT – Y3 S1)

EAR 2310: STUDIO PRACTICE & MANAGEMENT

SPECIAL/SUPPLEMENTARY EXAMINATION

SERIES: MARCH 2015

TIME ALLOWED: 2 HOURS

Instructions to Candidates:

You should have the following for this examination

- *Answer Booklet*

This paper consists of **FIVE** questions. Answer question **ONE (Compulsory)** and any other **TWO** questions

All questions carry equal marks

Maximum marks for each part of a question are as shown

Use neat, large and well labeled diagrams where required

This paper consists of **TWO** printed pages

Question One (Compulsory)

Explain briefly what you would do while establishing a small architectural practice as a business venture in the following items:

- a) Identification and location of office
- b) Furniture and equipment
- c) Staffing
- d) Legal aspects

(20 marks)

Question Two

Explain how the architect interacts with the following consultants in a building contract:

- (i) Quantity Surveyor
- (ii) Structural Engineer
- (iii) Electrical Engineer (BS)
- (iv) Mechanical Engineer (BS)

(20 marks)

Question Three

State and explain the FIVE major responsibilities assigned to architects as stipulated in the Architects and Quantity Surveyors Act-Laws of Kenya

(20 marks)

Question Four

Identify FIVE risks an architect may encounter in design and construction of a project in design and construction of a project and explain the mitigation measures for covering each of the risks.

(20 marks)

Question Five

Draw an organizational structure for a project team consisting of a client, project manager, consultants, contractor and clerk of works

(20 marks)