

DEPARTMENT OF INDUSTRIAL AND TECHNOLOGY EDUCATION
SCHOOL OF SCIENCE AND TECHNOLOGY EDUCATION
FEDERAL UNIVERSITY OF TECHNOLOGY MINNA
FIRST SEMESTER EXAMINATION 2019/2020
COURSE CODE: ITE532

COURSE TITLE: TECHNICAL AND ARCHITECTURAL DRAWING

Instruction Answer Question One (1) and any other Two (2)

Que. 1 The management of Federal University of Technology is proposing to construct a three bedroom flat for the safety and gadget unit. As a builder/draftsman, draw to specification

- a. The building plan attached (7 marks)
- b. The front elevation (5 marks)
- c. The cross-sectional area of the building (7 marks)
- d. The doors and window schedules (5 marks)

Que. 2 Describe an architectural model, list five (5) material for constructing model and state ten (10) basics condition you must apply in the production of Balsa model. (12 marks)

Que. 3 Explain briefly the use of architectural model. Differentiate between

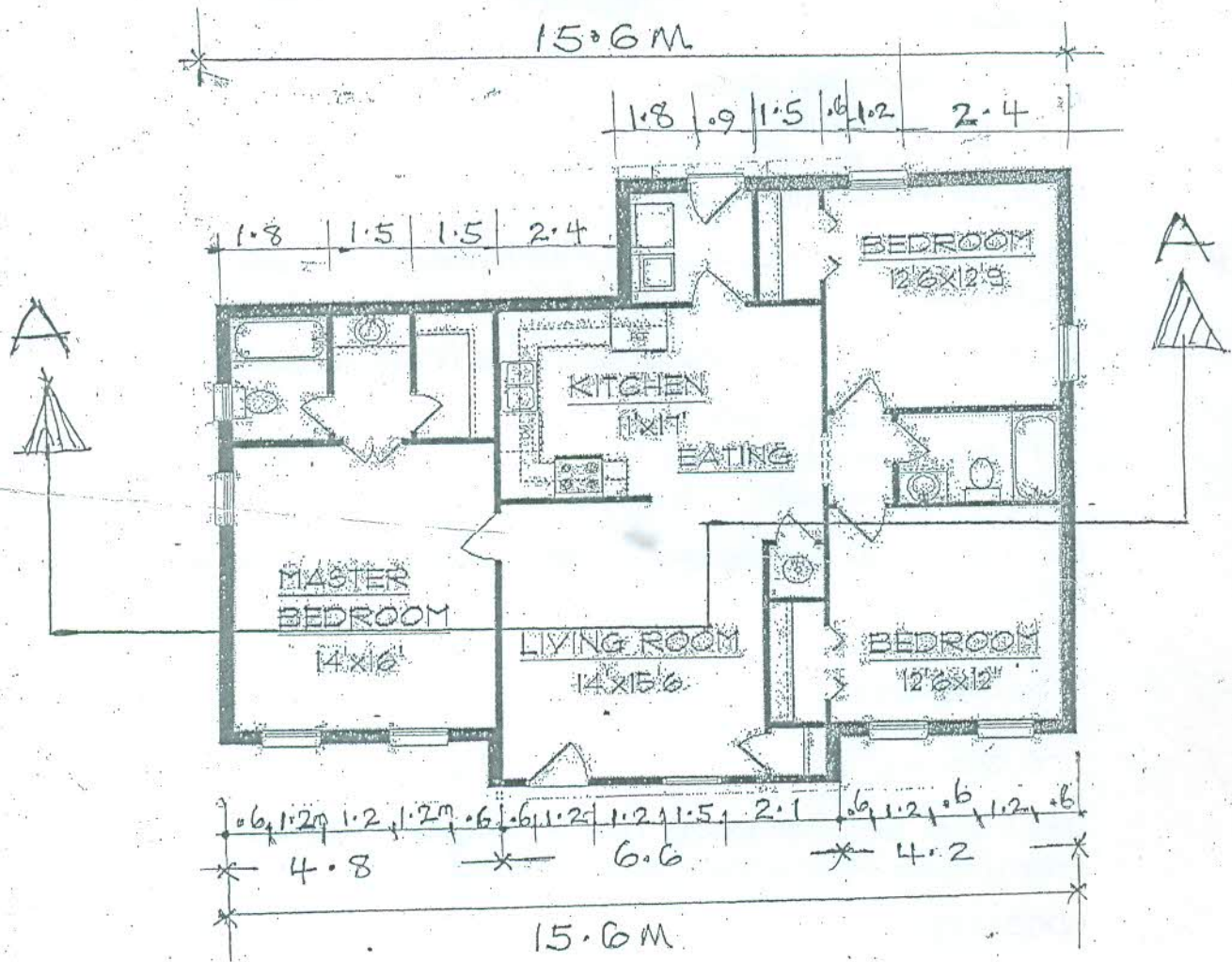
- a. Small scale solid models
- b. Structural models and
- c. Presentation models (12 marks)

Que. 4 Describe the following types of building drawing. Support your answer with good sketches

- a. Site plan
- b. Building plan
- c. Elevations and
- d. Sectioning (12 marks)

Que. 5 Define perspective drawing, List three (3) types of perspective drawing and state causes of distortion to be avoided in perspective drawing. (12 marks)

GOOD LUCK



F.E.