

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
SCHOOL OF ENVIRONMENTAL TECHNOLOGY,
DEPARTMENT OF ARCHITECTURE.

SECOND SEMESTER EXAMINATION 2018/2019 SESSION

COURSE CODE: ARC 122 **UNITS:** 2; **TIME ALLOWED:** 2HOURS 30MINS
COURSE TITLE: ARCHITECTURAL GRAPHICS & LETTERING II **LEVEL:** 100 ARCH.
COURSE LECTURER: Dr. J. C. Eze **HEAD OF DEPARTMENT:** Dr. P. Ayuba

INSTRUCTIONS:

Answer Questions No. 1 and any other two. All drawing sheets must be paneled. Neat drawings attract marks.

- 1(a) With the aid of illustrative diagram, write short notes on the following:
- (i) Isometric **4 Marks**
 - (ii) Axonometric **4 Marks**
 - (iii) Oblique **4 Mark**
- (b) Given below the following data of an object in figure 1. Use this data at the back page to represent the object in the following views:
- (i) Isometric **4 Marks**
 - (ii) Axonometric **4 Marks**
- 20 Marks**
- 2(a) What is Architectural Graphics? **5 Marks**
- (b) With the aid of plans and elevations, mention any five (5) elements that can be used for architectural rendering. **7.5 Marks**
- (c) Write on the five (5) methods of architectural rendering. **7.5 Marks**
- 20 Marks**
- 3(a) Write on the five (5) guiding rules to good printing of letters and numerals. **5 Marks**
- (b) Using erect method, print as in the figures below. The lettering /numeral height is 40mm and width 20mm.
- (i) B D J O P Q R **5 Marks**
 - (ii) Mohammed is my best friend. **5 Marks**
 - (iii) 1, 3, 5, 8, 9, 0.5, 0.75 **5 Marks**
- 20 Marks**
- (ii)
- 4(a) What is perspective drawing? **4 Marks**
- (b) How do you distinguish perspectives from axonometric drawings? **6 Marks**
- (c) Write short notes on any five terms that are associated with perspective drawings. **10 Marks**
- 20 Marks**

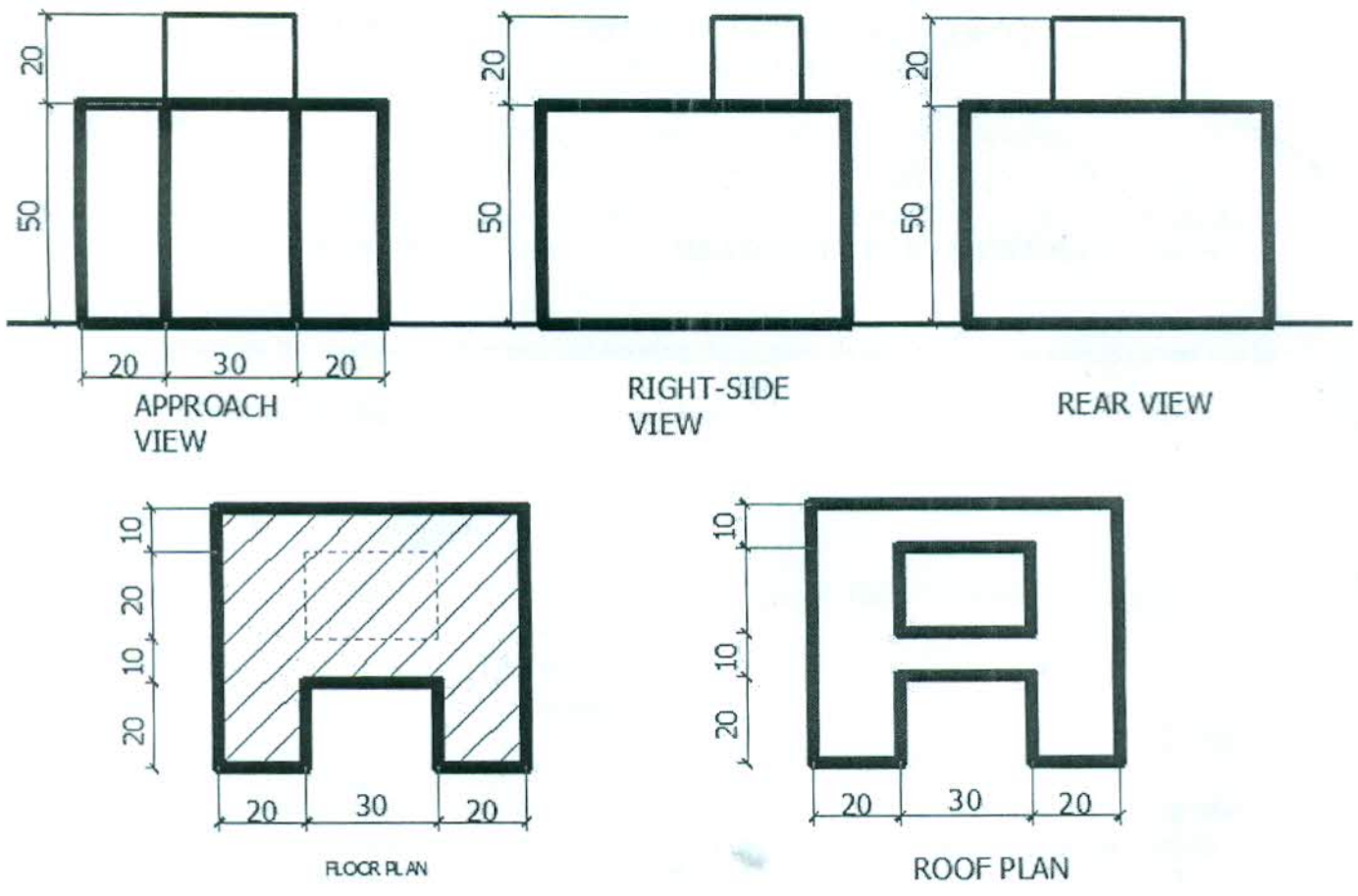


FIGURE 1. All dimensions are in millimetres.