

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
POSTGRADUATE SCHOOL
DEPARTMENT OF ARCHITECTURE

First Semester Examination 2018/2019 session

Name of Course: Introduction to Facilities Management

Course Code: ARC 716

Level: MTech

Head of Dept: Dr P. Ayuba

Dean of School: Engr(Prof) S. Sadiku

Lecturer: Prof S. N. Zubairu

Date: June 2019

TIME ALLOWED: 2 HOURS 30 MINUTES

INSTRUCTIONS: Answer Question ONE and ANY other THREE Questions.

All sketches must be in PENCIL.

1. Your organisation is growing in size and stature and therefore needs to relocate to a new building. As the facilities manager, what are the building performance indicators that you would need to evaluate to determine the right place for your organisation?
(15 marks)
2. (a) There are many theories on motivation. Discuss any THREE. Which of these theories would you apply to teachers in government primary schools in Nigeria and why?
(b) Discuss Surveillance as a means of security management.
(15 marks)
3. (a) Discuss the evolution of office layouts.
(b) Which layout is best suited to the following types of organisations and why:
(i) Research institute
(ii) Design team
(iii) Bank
(iv) Corporate head office
(v) Classrooms in schools
(15 marks)
4. (a) Define building maintenance. What are quality and quantity standards?
(b) Discuss the importance of building maintenance.
(c) Name FIVE maintenance tasks each that come under 1st priority, 2nd priority and 3rd priority.
(15 marks)
5. (a) What is POE? Describe the process of carrying out POE.
(b) Explain the meaning of the following facilities management terms with the aid of sketches:
(i) GEA
(ii) GIA
(iii) Core Area
(iv) NIA
(15 marks)