

KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2018/2019

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE (ARCHITECTURAL STUDIES / BACHELOR OF ARCHITECTURE) ARC 304: BUILDING SERVICES II

DATE: Wednesday 10th April 2019

TIME: 11.00a.m. - 1.00p.m.

INSTRUCTIONS TO CANDIDATES;

This paper consists of two sections.

Section A is compulsory (30 Marks). Answer ALL questions in this section.

Section B (Each Question 20 Marks). Answer ANY TWO questions in this section.

Maximum marks for each question are as indicated.

SECTION A

QUESTION ONE (COMPULSORY: 30 MARKS)

	a)	Explain the building system and why it is essential for the design of mos	st of the components of	f
		the building system to be flexible	(5 Marks)	

- b) State and explain any 5 advantages of off-site production of buildings. (5 Marks)
- State any five defects in building construction and explain how they can be avoided.

 (5 Marks)
- d) Explain any five considerations in providing services to complex buildings. (5 Marks)
- e) Explain the main stages of architectural services. censely (5 Marks)
- * f) Outline and explain specification writing standards. (5 Marks)

SECTION B

Answer any TWO (2) Questions.

QUESTION TWO (20 MARKS)

- a) Prefabrication is a term used to describe construction of buildings or building components at a location, usually a factory, away from the building site.
- Di) Describe any five (5) of decision criteria that might influence the choice of this method.

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