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**JOMO KENYATTA UNIVERSITY**

**OF**

**AGRICULTURE AND TECHNOLOGY**

**UNIVERSITY EXAMINATIONS 2018/2019**

**YEAR I SEMESTER I EXAMINATION FOR THE DEGREE OF BACHELOR OF ARCHITECTURE**

**ABA 2101: HISTORY OF WORLD ARCHITECTURE**

**DATE: DECEMBER 2018 TIME: 2 HOURS**

**INSTRUCTIONS:**

**1. Answer Question ONE (Compulsory) and any other TWO questions**

**2. Give concise answers supported by clear well labelled sketches where appropriate.**

**QUESTION ONE (COMPULSORY)**

1. Explain the meaning of the following terms;
2. Pragmatic design
3. Iconic design
4. Analogic design
5. Canonic design
6. Contextualize
7. Vitruvian Trilogy
8. Genius Loci [13 marks]
9. Why should architecture students learn history and theory of architecture as a key component of their training? [5 marks]
10. (i) Briefly describe PREHISTORIC peoples in terms of their beliefs, activities, social

interaction and attitude to the environment. [4 marks]

(ii) Given TWO sketches of different dwelling units of prehistoric peoples. [4 marks]

1. Chrondogies of World architecture provide a sequence of architectural paradigms from pre-history to the presents. Briefly outline the deficiencies of such chronologies. [5 marks]
2. (i) Name the FOUR fundamental elements of design. [2 marks]

(ii) Briefly explain the meaning of the following design principles;

1. Texture
2. Contrast
3. Hierarchy
4. Axial organization. [7 marks]

**QUESTION TWO**

1. Briefly outline the arguments that are used in the STIGMATIZATION of works of architecture without architects’.
2. Discuss the pre-colonial vernacular architecture of the Luo community. You should provide a sketch of homestead layout and organization, explain the design concepts and ideas, construction technology, architectural typologies and the construction process. [30 marks]

**QUESTION THREE**

1. Explain the meaning of the term ‘culture’.
2. Briefly outline the influence of culture on Ancient Egypt architecture
3. Briefly outline the influence of culture on Ancient Greek architecture.
4. How did the Ancient Romans extend and improve upon Ancient Greek architecture?
5. Give the names of any THREE architectural movements or paradigms that have revived the ideas of Ancient Greek and Ancient Roman Architecture. [30 marks]

**QUESTION FOUR**

Religion has significantly contributed to and influenced the architecture in certain regions of the World. Briefly discuss the main concepts, design principles, ideas, influences and architectural typologies in;

1. ISLAMIC architecture [15 marks]
2. Early Christian and Byzantine architecture. [15 marks]

**QUESTION FIVE**

Colonization of Kenya by the British introduced new Architectural paradigms into the Country. These include Greco-Roman architecture, modernism and Postmodernism.

1. Name any FIVE buildings in Nairobi Central Business District (City Centre) that exemplify Greco-Roman architecture. [2 marks]
2. Briefly outline the design principles and concepts in modern architecture (Modernism), giving suitable examples. [12 marks]
3. Briefly outline the design principles and concepts in Postmodern architecture, giving suitable examples. [12 marks]
4. Using the view Park Towers in Nairobi as an example, discuss the suitability of Modern architecture to Kenya. [4 marks]