



**ELIZADE UNIVERSITY, ILARA-MOKIN**  
**DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING**  
**FACULTY OF ENGINEERING**  
**FIRST SEMESTER 2020/2021 EXAMINATION**  
**CVE 509 -CIVIL ENGINEERING SERMINAR -2UNITS**

- Instructions:** A. This question paper consists of three (4) pages.  
B. Each question carries equal marks of 20 each.

  
HOD'S SIGNATURE

- C. Answer **Question 4** and any other **2 Questions**.  
Answer **3 questions** in all

D. Write your **name** and **matric number** clearly on your answer sheets and the space provided below in your question paper

**Time Allowed:** 2½ Hrs

**Question 1 - (20 marks)**

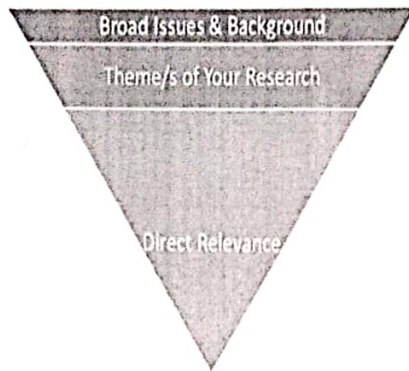
- a) What do you understand as preliminary pages in writing of research or project report /thesis. (2 marks)
- b) List out the content of preliminary pages in chronological order. (4 marks)
- c) Briefly explain each of list in (b) above (9 marks)
- d) State 2 guidelines to follow when writing preliminary pages. (2 marks)
- e) Use a page of your answer booklet, draft a title page of any topic of your choice (3 marks)

**Question 2 - (20 marks)**

- a) In a project report/ thesis, the main text is divided into chapters. List in chronological order the chapters, their number and title of each chapter. (3 marks)
- b) Briefly explain the components or constitution of each of the listed title above. (10 marks)
- c) Using any examples of your choice differentiate in writing, sections and subsections titles in terms of font size, cases and by any other means you consider necessary. (3 marks)
- d) Write 4 rules that can guide you in the writing of main text. (4 marks)

**Question 3 - (20 marks)**

- a. List and explain briefly different ways of organizing literature review that you know (10 marks)
- b. With the aid of the diagram below, explain what you about writing of literature review. (3 marks)



- c. List and explain the four stages that are similar to information research for beginning a literature review ( 4 marks)
- d. Plagiarism is an offence in writing of Research report? True or false. What do you understand as plagiarism. ( 3 marks)

#### Question 4 - (20 marks)

- a. Use the information below to write out reference in APA format. ( 8 marks)
  - i. Authors' name: EL Maaddawy, A. T. and Soudki, A. K  
 Title of publication: VEffectiveness of impressed current technique to simulate corrosion of steel reinforcement in concrete  
 Year of publication: 2003  
 Journal's name: Journal of Materials in Civil Engineering, ASCE  
 Volume 3, issue 3 pages 41-47
  - ii. Authors' name: Fang, C., Lundgren, K., Chen, L. and Zhu, C  
 Title of publication: Corrosion influence on bond in reinforced concrete.  
 Year of publication: 2004  
 Journal's name: Cement and Concrete Research  
 Volume 34, issue 11, pages 2159-2167
  - iii. Authors' name: Newman, J. and Chow, S. B  
 Title of book: Advanced Concrete Technology: Concrete Properties  
 Edition: . 9th ed.  
 Publisher: Butterworth-Heinemann  
 Page : 89-90
  - iv. Authors' name: Ikumapayi C.M. and Arum C  
 Name of Conference: 2nd Symposium of Knowledge Exchange for Young Scientist (KEYS)  
 Theme of Conference: Valorisation of industrial By-products for Sustainable Cement and Concrete Construction Improvement of Solid Waste Management  
 Venue where Conference was held: Accra Ghana,  
 Pages of publication in the Proceeding: 129-133  
 Edition: . 9th ed.  
 Publisher: Butterworth-Heinemann

b) Read and study the Literature review shown below and answer the following questions;



- b. i. Correct the title and subtitle format to meet up with the standard ( 3 marks)  
c. ii. Put references where indicated using APA format of referencing. ( 5 marks)

## **literature review**

### **2.1 concrete**

Concrete is a composite material that consists essentially of a binding medium or paste, such as a mixture of Portland cement and water, within which are embedded particles or fragments of aggregate, usually a combination of fine and coarse aggregate (**Put a single author reference**).

Concrete is the most important building material that is widely used in construction due to its properties and advantages. It is made by mixing cementitious materials, water and aggregates in required proportions (**Put refence by same author/combination of authors in the same year**).

Concrete history can be traced down to 7000 years ago in the Yugoslavia (**Put two authors reference**). Modern concrete is the evolution of improving and combine of the concrete materials over thousands years.

#### **2.1.1 PROPERTIES OF CONCRETE**

There are so many properties associating with concrete behavior. They all contribute to the successful performance of concrete

**2.1.1.1 DURABILITY:-** It is essential that every concrete structure should continue to perform its intended functions that is maintain its required strength and serviceability, during the specified or traditionally expected service life. It follows that concrete must be able to withstand the processes of deterioration to which it can be expected to be exposed. Such concrete is said to be durable. Durability is defined as the period of time up to which concrete in hardened state withstands the weathering effects satisfactorily. This property is mainly affected by water cement ratio. A good quality concrete in hardened state must be durable (**Put a two authors reference and four authors reference**).

C. Name two type of referencing that you know?

(2marks)

**Question 5 - (20 marks)**

a. State 5 guidelines that will assist you in preparing your power points for oral presentation.

(7<sup>1</sup>/<sub>2</sub> marks)

b. State 5 guidelines that will assist you in speaking during oral presentation.

(7<sup>1</sup>/<sub>2</sub> marks)

c. What should be your reaction towards any question you cannot answer during oral presentation?

(2 marks)

d. State 3 areas where future tense can be used in your project report.

(3 marks)