



ELIZADE UNIVERSITY, ILARA-MOKIN,  
ONDO STATE, NIGERIA

DEPARTMENT OF  
MECHANICAL, AUTOMOTIVE AND PRODUCTION  
ENGINEERING

SECOND SEMESTER EXAMINATIONS

2016/2017 ACADEMIC SESSION


COURSE: GNE 302 – Engineering Communication (2 Units)

CLASS: 300 Level General Engineering

TIME ALLOWED: 2 Hours

INSTRUCTIONS: Answer any **FOUR** questions

Date: July/August, 2017

  
HOD'S SIGNATURE

Question 1

- (a) What is Engineering Communication? (2 Marks)
- (b) Your final year project is titled, A Study on Hydro-Electric Power Generation Potentials of Elizade University; prepare a title page of your thesis on a full-page of your answer booklet. (5 Marks)
- (c) (i) “You can be well prepared and still give a bad presentation if your nonverbal communication is poor”. What are these nonverbal communication? (4 Marks)
- (ii) Briefly discuss four ways a speaker could improve on nonverbal communication? (4 Marks)

Question 2

- (a) What is the main goal in Public Speaking? (2 Marks)
- (b) An article jointly authored by Oyewola, O. M. and Okediji, A. P. titled “Reynolds Number Dependence on the Effect of Axial Stress on Unsteady Polyvinyl Chloride Pipeline Flow” was published in 2012, and appeared on pages 59 to 68 in the 1st issue of the 12th volume of the American Journal of Engineering and Technology Research. Show two ways it may be cited within the body of a technical report, and how it should be listed under references, following APA style. (5 Marks)
- (c) Write a letter through your Head of Department, through the Dean, and through the Director of Student Affairs, to request for permission from the Vice-Chancellor to travel outside the country for two weeks during the holidays. (8 Marks)

**Question 3**

- (a) List the four sections of an abstract. (2 Marks)
- (b) Briefly explain what constitutes “mechanical accuracy” in technical report writing. (5 Marks)
- (c) You are in a team to counsel secondary school students to consider your course of study as choice career. Taking a full page of your answer script as the single flannel, prepare a poster on “Becoming ... Engineer” for display at the secondary school exhibition stand. (8 Marks)

**Question 4**

- (a) How does Executive Summary differ from Abstract? (2 Marks)
- (b) Briefly describe five common types of speeches. (5 Marks)
- (c) Provide an outlined guide for an undergraduate who is scheduled to deliver a prepared power point presentation of his final year project report before a panel of examiner. (8 Marks)

**Question 5**

- (a) What may qualify a research work for patent? (2 Marks)
- (b) List ten different oral presentation in which it is advisable, perhaps compulsory to read out rather than use outlines. (5 Marks)
- (c) Edit the following sentences to improve the grammar and style:  
(i) The value of power required is 3.5 KW  
(ii) Civil engineers build roads, building construction, and waterworks planning.  
(iii) Temperature is dependent upon the heat input.  
(iv) The trend is shown in figure 3. (4 Marks)
- (d) Edit the following to reduce the number of words, and correct grammatical problems.  
(i) The establishment of a panel of experts in safety was needed for investigation of accidents by miners in Pennsylvania.  
(ii) To most people, aerospace engineering is thought to be working on space ships. The job of an aerospace engineer is much more than that. (4 Marks)