

LAGOS CITY POLYTECHNIC, IKEJA
SCHOOL OF ENGINEERING AND APPLIED SCIENCE
DEPARTMENT OF COMPUTER ENGINEERING
2016/2017 SEMESTER EXAMINATION

COURSE TITLE:	ENGINEERING IN SOCIETY	NO OF QUESTIONS :	7
COURSE CODE:	GNS 311/MEC 311	TIME ALLOWED:	2HRS
FOR WHOM:	HND YR I CE, EE	INSTRUCTIONS:	
ANSWER	ANY		5

QUESTIONS.

1. Discuss briefly the key emergence of technology and engineering in:
 - (i) Egypt
 - (ii) Rome
 - (iii) England
 - (iv) China

2. (a) What is the relationship among the following:
 - (i) Science
 - (ii) Technology
 - (iii) Engineering
 (b) Describe the engineering profession
 (c) State the impact of Industrial Revolution.

3. (a) List ten(10) of the most important technology development of the 20th century
 (b) What is technology? How has technology become a science?
 (c) What are the causes of Industrial Revolution

4. (a) Write short notes on the following associations and regulation bodies of engineering in Nigeria:
 - (i) NATE
 - (ii) NSE
 - (iii) COREN
 - (iv) NAEC
 (b) Identify the institutions for training engineering personnel in Nigeria and certificate awarded.

5. (a) Describe the industrial revolution of the 18th to 19th century in England
 (b) Which three(3) economic sectors that were revolutionised in 5a
 (c) What are the five(5) cadres of engineering?

6. (a) List five(5) professional obligations of engineering to:
 - (i) Employer and Clients
 - (ii) Other Engineers
 - (iii) Regulating Board
 (b) Mention five(5) fundamental canons of engineering

7. (a) List ten(10) engineering fields and write short notes on each.
 (b) What is engineering ethics? Discuss five(5) ethical issues engineers may contend with.