

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
SCHOOL OF TECHNOLOGY EDUCATION
DEPARTMENT OF INDUSTRIAL AND TECHNOLOGY EDUCATION
SECOND SEMESTER EXAMINATION, 2012/2013 SESSION

COURSE CODE: ITE 526

COURSE TITLE : INDUSTRIAL MATERIAL AND MANUFACTURING PROCESSES.

TIME ALLOWED: 2 HOURS

ANSWER FIVE QUESTIONS ONLY.

1. (a) what are the activities of plastic processors and those of fabricators.
(b) Explain how plastic is a synthetic material and it's classification.

2. (a) Explain the origin of ceramic material, their acquisition and forming processes.
(b) Mention one each of it's use in the construction industry, electrical, ornamental and plumbing works.

3. (a) Explain the origin of glass, how is it processed and it's composition.
(b) Explain how it is formed.

4. (a) What are the activities of rubber producers from tapping to forming.
(b) What are the four methods of shaping rubber?

5. (a) What are the stages involved from felling of a tree to the carpentry or joinery stage.
(b) List two types of seasoning and two types of wood conversion.

6. (a) Explain metallurgy from extraction to fabrication.
(b) What is casting metal and how is it done.