

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
SCHOOL OF SCIENCE AND TECHNOLOGY EDUCATION
INDUSTRIAL AND TECHNOLOGY EDUCATION DEPARTMENT
SECOND SEMESTER EXAMINATION 2021/2022 SESSION.

Course Code/ Title: ITE 323 / Material Technology ii

Instructions: Time allowed is 2 hours; Answer any four (4) questions.

- 1 (a) List five properties of metals
(b) Explain (i), "Luster" as a property of metal and
(ii) Reactivity of metals.
- 2 (a) List five properties of wood.
(b) Explain the following:
(i) Specific gravity of wood and
(ii) grains of wood as its property
- 3 (a) List five properties of Ceramics
(b) Explain the following:
(i) Refractory of ceramics material
(ii) "Chemically stable" in ceramics materials.
- 4 (a) List five properties of rubber
(b) Explain (i), Tensile modulus of rubber n and
(ii) Abrasion resistance of rubber.
- 5 (a) List five properties of glass.
(b) Explain the following:
(i) Insulation property of glass and
(ii) chemical resistance of glass.
- 6 (a) List five properties of Ceramics
(b) Explain the following:
(i) Refractory of ceramics materials.
(ii) "Chemically stable" in ceramics materials.