

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 525 / Industrial material and manufacturing process

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

- 1 (a) How is pennevernon process done in glass drawing? (5Mks)
(b) Explain glass melting process. (10Mks)

- 2 (a) Explain the entire process from tapping of latex to the production of rubber sheets.
(10Mks)
(b) What is butadiene? (Mks)

- 3 (a) **What is marketing size of wood? (5Mks)**
(b) Explain from harvesting to the production of marketable size of wood for usage.
(10Mks)

- 4 (a) What is throwing in ceramics production? (5Mks)
(b) Explain the three classes of clay used for utensils. (Mks)

- 5 (a) What is metallurgy (5Mks)
(b) Explain the three stages of metal. operations (10Mks)

- 6 (a) What is polymerization? (5Mks)
(b) Explain the three sections of plastic industry. (10Mks)