

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

COURSE CODE: ITE 315

COURSE TITLE: AUTO-SHOP SAFETY AND HIGHWAY CODES

TIME: 2 HOURS

INSTRUCTION: ATTEMPT ANY FOUR (4) QUESTIONS ONLY

- 1a What are safety devices as it relates to automobile workshop
- b Highlight five (5) safety precautions to be observed while handling chemical agents in the workshop.
- c List five (5) safety devices and their uses in the automobile workshop

- 2a What is a round-about?
- b Explain the rules of using a roundabout when:
 - i- Turning right
 - ii- going straight
 - iii- turning left
 - iv- making a u-turn
 - v- leaving the roundabout

- 3 Traffic signs tell you about traffic regulations, special hazards, construction areas and speed limit. With the aid of neat and simple sketches, explain the following terms:
 - i- Regulatory (Mandatory) signs
 - ii- Regulatory (Prohibitive) signs
 - iii- Warning signs
 - iv- informative signs

- 4a What are carriageways?
- b Explain the following terms:
 - i- Single carriageway
 - ii- Dual carriageways
 - iii- Undivided dual carriageways/ expressway

- 5a Enumerate four (4) general guides for drivers:
 - i- Before driving
 - ii- when driving
 - iii- when stopping
- b List and explain the four (4) classification of accident

- 6a What are road markings?
- b Draw and explain the following types of road markings using simple sketches:
 - i- Centre lines
 - ii- Edge lines
 - iii- Pavement messages
 - iv- Cross walks
 - v- Zebra crossing