

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
SCHOOL OF SCIENCE AND TECHNOLOGY EDUCATION
DEPARTMENT OF INDUSTRIAL AND TECHNOLOGY EDUCATION
FIRST SEMESTER EXAMINATION 2019/ 2020 SESSION

COURSE CODE: ITE 315

COURSE TITLE: AUTO-SHOP SAFETY AND HIGHWAY CODES

TIME: 2 HOURS

INSTRUCTION: ATTEMPT FOUR QUESTIONS ONLY

- 1a What are safety devices?
b Highlight five (5) safety precautions to be observed in handling inflammable liquid 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 Differentiate between T-junction and Y-junction (Support your answer with neat sketches)
- 6a List and explain the four (4) classification of accident/ crashes
b Enumerate three (3) driving conditions while driving in:
i- The night ii- the rain iii- the harmattan haze iv- A convoy v- Misty/ Foggy
weather