

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