

**FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA**  
**SCHOOL OF SCIENCE AND TECHNOLOGY EDUCATION**  
**DEPARTMENT OF INDUSTRIAL AND TECHNOLOGY EDUCATION**  
**FIRST SEMESTER EXAMINATION 2018/ 2019 SESSION**

**COURSE CODE: ITE 315**

**COURSE TITLE: AUTO-SHOP SAFETY AND HIGHWAY CODES**

**TIME: 2 HOURS**

**INSTRUCTION: ATTEMPT FOUR QUESTIONS ONLY**

- 1a What is safety precaution?
- b Explain ten (10) safety precautions to be observed while working in storage areas
  
- 2a What are road markings?
- b Explain the following as applied to road markings:
  - i- Centre lines
  - ii- Edge lines
  - iii- cross walk
  - iv- zebra line
  - v- diagonal line
  - vi- pavement messages
  
- 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:
  - i- Regulatory (Mandatory) signs
  - ii- Regulatory (Prohibitive) signs
  - iii- Warning signs
  - iv- informative signs
  
- 4a Differentiate between T-junction and Y-junction (Support your answer with neat sketches)
- 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
  
- 5 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
  
- 6a List and explain the four (4) classification of accident/ crashes
- b Overtaking is prohibited in certain areas. Highlight the areas where overtaking is strictly prohibited