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Highway & Traffic Engineering

Learning Activities: Road Classification and Design Standard

by

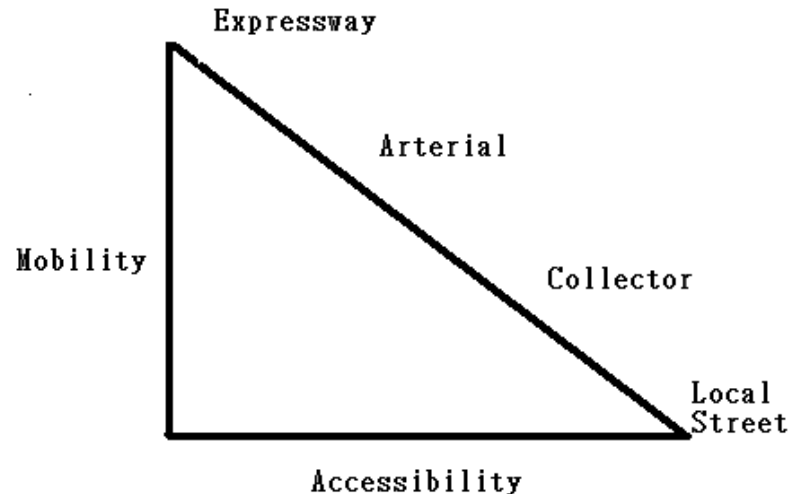
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QUESTION 1

Safe and comfortable travel improves the quality of life through increased mobility and accessibility. **Figure** below show the relationship of mobility and accessibility of roads in urban area. Referring to the figure:



Briefly discuss the terms mobility and accessibility and describe the characteristics of each road seen on the figure in terms of their function and administration

QUESTION 2

Control of access is usually classified into three types for its degree of control, namely full access control, partial access control and non access control. Define the terms of access control. State the types of access controls and why it needs to be applied for the following roads:

- i. Lebuhraya Persekutuan Kuala Lumpur – Shah Alam
- ii. Jalan Taman Mahkota Aman 1/11

END OF QUESTION