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**School of University Polytechnic**

Diploma in Civil Engineering  
Mid Term Examination - Nov 2023

Duration : 90 Minutes  
Max Marks : 50

**Sem III - N1DB303B - Transportation Engineering-I**General Instructions

Answer to the specific question asked

Draw neat, labelled diagrams wherever necessary

Approved data hand books are allowed subject to verification by the Invigilator

- 1) Clarify the option: \_\_\_\_\_ color milestone is used in NH road. K2 (2)  
(yellow, red, black, green)
- 2) Define the various preventive measure taken to minimize accidents. K1 (3)
- 3) Describe the use of road margin and road shoulder K2 (4)
- 4) Explain IRC and its function K2 (6)
- 5) Write a short note on following: .Transition curve K3 (6)
- 6) Show highways as per Indian Road Congress. K3 (9)
- 7) Sketch the diagram for valley and summit Curve K4 (8)
  
- 8) Conclude the advantages of road. K4 (12)

**OR**

Focus on grade separated intersection. K4 (12)