INTELLIGENT TRANSPORTATION SYSTEMS

ADVANCED TRAFFIC MANAGEMENT SYSTEMS

DISCUSSION ISSUES

Note: Be prepared to answer the following questions.

Question 1.
What is ATMS? What are the primary features?

Question 2.
Compare the functional capabilities of embedded detector systems.

Question 3.
List factors that may affect the performance of Video Image Processing detection.

Question 4.
What are the goals of traffic control and how are these goals achieved?

Question 5.
How can the accuracy of GPS be improved?

Question 6.
Create a list of potential strategies for demand management. Discuss which of these strategies may be appropriate to be used in your city.

Question 7.
Discuss expected benefits and difficulties associated with the use of electronic payment systems.

Question 8.
What are the major challenges in ATMS development? Explain.