

SECTION-D

Note: Long answer type questions. Attempt any three questions out of four questions. 3x10=30

Q.33 State the different types of traffic signal used at road crossing and state their relative merits.

Q.34 Write a short note

- (a) Medians and type of median
- (b) regulatory signs

Q.35 What are the different types of traffic survey. State in details.

Q.36 IRC specification for traffic control aids.

No. of Printed Pages : 4
Roll No.

127155

5th / Civil Engg., (Spl. Highway Engg.)

Subject : Traffic Engineering

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Objective type questions. All questions are compulsory (10x1=10)

Q.1 Traffic lane is the portion of the road over which _____ traffic moves.

Q.2 Zebra crossing is provided for _____ to cross the road.

Q.3 A traffic rotary is called for _____ .

Q.4 T intersection is type of intersection at _____

Q.5 Traffic sign are one of the _____ devices.

Q.6 Full form of O & D study.

Q.7 Width of one lane in multiple lane road.

Q.8 Full form SSD.

(40)

(4)

127155

(1)

127155

Q.9 Full form OSD.

Q.10 Full form of ADT.

SECTION-B

Note: Very short answer type questions. Attempt any ten questions out of twelve questions. 10x2=20

Q.11 What is traffic engineering?

Q.12 What do you mean by journey speed?

Q.13 Explain in brief radar speed meter.

Q.14 Explain in short frequency curve.

Q.15 What do you mean by parking survey.

Q.16 Name different types of road marking.

Q.17 What is object marker?

Q.18 Explain in short parking problem. Name only.

Q.19 Draw traffic lanes for four lane highway.

Q.20 Name only type of pedestrian crossing.

Q.21 What do you mean by weaving length?

Q.22 What is diverging?

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. 8x5=40

Q.23 Explain in brief importance of traffic engineering.

Q.24 Explain in brief methods of spot speed measurement.

Q.25 Explain in brief techniques of traffic volume study.

Q.26 Write importance of origin and destination survey.

Q.27 Write importance of road markings.

Q.28 What is intersection? Write different type of intersection.

Q.29 Write note on warning signs.

Q.30 Write short note on guide island.

Q.31 Write requirements for parking space.

Q.32 What are the common parking problem?