1. Compare and analyse the Motor Vehicle Act of 1988 and 2019 for the following

conditions

a. SAFETY OF PEDESTRIANS AND NON-MOTORISED TRANSPORT

b. REGISTRATION OF NEW MOTOR VEHICLES BY VEHICLE DEALERS

c. DANGEROUS DRIVING

d. SAFETY OF CHILDREN DURING COMMUTE

e. STRINGENT PUNISHMENT FOR FAULTY ROAD DESIGN, ENGINEERING

AND MAINTENANCE

f. OFFENCES BY JUVENILES

ANS: <https://savelifefoundation.org/wp-content/uploads/2019/07/MVA-Bill-2019_Analysis_SLF.pdf>

2. Explain Human factors governing the road user behavior.

ANS: <https://sist.sathyabama.ac.in/sist_coursematerial/uploads/SCI1609.pdf>

The various factors which affect road user characteristics may broadly be classified under four heads:

* Physical
* Mental
* Psychological
* Environmental

PHYSICAL CHARACTERISTICS: The permanent physical characteristics of the driver are vision, hearing, strength, and the general reaction to the traffic situations.

MENTAL CHARACTERISTICS: Knowledge, skill, intelligence, experience and literacy can affect the road user characteristics. Knowledge of vehicle characteristics, traffic behaviour, driving practice, rules of roads and psychology of road users will be quite useful for safe traffic operations.

PSYCHOLOGICAL FACTORS: This affect reaction to traffic situations of road users to a great extent. Attentiveness, anger, fear, anxiety, phobias, superstition, and impatience may affect the traffic performance to great extent.

ENVIRONMENT FACTORS: The various environmental conditions affecting the behaviour of road user are traffic stream characteristics, facilities to the traffic, atmospheric conditions and locality.

Pg no. 3 onwards.

3. Explain the classification of traffic signs. As per IRC suggest the placement of traffic

signs on different categories of roads.

ANS: <https://civilnoteppt.com/traffic-signs-or-road-signs-in-india/>

4. Explain the general principles of Pedestrian facilities.

ANS: <https://brtguide.itdp.org/branch/master/guide/pedestrian-access/principles-of-pedestrian-planning>

Use PPT.

5. Explain the vehicular characteristics with IRC specifications.

ANS: Pg no 7 onwards.

<https://sist.sathyabama.ac.in/sist_coursematerial/uploads/SCI1609.pdf>

6. Explain the need and scope of traffic regulations.

ANS: https://www.ques10.com/p/24982/what-are-the-objects-scope-of-traffic-engineering-/?

7. Explain the regulations of vehicles.

ANS: Refer PPT.

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