**MODULE 3 – Introduction to Business Of EV**

## **3.4 Connectivity makes auto-mobility cost efficient**

Practice Problems

### Question 1 According to the lecture notes, the average occupancy per 5-seat passenger car is less than?

1. 0.7
2. 1.0
3. 1.2

Ans. C

### Question 2 According to the lecture notes, commercial vehicles, which are meant for transporting goods are driving about without cargo for about

1. 20%
2. 50%
3. 60%

Ans. B

### Question 3 Match the following descriptions to the actual example.

**In this car sharing service, you get bonus points for charging. Lot of young people in the Amsterdam are using this service.,**

Car2Go

**Foreigners can experience Tesla and have durable driving after arriving in Amsterdam Airport.,**

Schiphol Taxi

**A very new and successful service where you share the shopping surface and goods are distributed with an electric vehicle.,**

Picnic

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### Question 4 Please read the statements a) and b) and answer the question below.

*a) The combustion engine is composed of two and half thousand parts. It's designed for 10,000 hours of use, which is about half a million kilometers.*

*b) An electric engine has three moving parts. It’s designed for 50,000 hours of operation, which is about two and half million kilometers.*

1. Both statements are true.
2. Statement a) is true and statement b) is false.
3. Statement a) is false and statement b) is true.
4. Both statements are false.

Ans. A