

# **By OnlineInterviewQuestions.com**

## **Telematics interview questions**

### **Q1. What is Telematics?**

Telematics is the field of study for information technology that deals with the long-distance transmission of computerized information. It enables information to be shared wirelessly.

### **Q2. What is telematics devices?**

Telematics devices refer to an instrument that merges telecommunications and informatics. It installs into a car. It records information about your driving behavior, including how fast you drive, how fast you brake, and the distance you drive.

### **Q3. List some practical applications of vehicle telematics?**

Some practical applications of vehicle telematics are as follows:

- 1.Trailer tracking
- 2.Container tracking
- 3.Fleet management
- 4.Telematics Standards

### **Q4. List some benefits of telematics in fleet management?**

Some benefits of telematics in fleet management are as follows:

- 1.Increase Efficiency
- 2.Improve Safety
- 3.Reducing Operating Costs
- 4.Optimizing Vehicle Performance

5.Scheduling Alerts for Repair Centers

6.Streamlining Compliance

7.Ret

**Q5. Can you tell top commercial Telematics companies in world?**

Some of the top commercial Telematics companies in the world are as follows:

1.AirIQ

2.Fleetmatics Group

3.MiX Telematics

4.TomTom

5.Trimble

**Q6. What is telematics box?**

A telematics box is an electronic device fitted to a vehicle to record and monitor the driver's performance.

**Q7. Please explain the functions of Data Link Layer?**

The functions of the data link layer are as follows:

1. Framing

2. Physical Addressing

3. Flow Control

4. Error Control

5. Access Control

**Q8. What is a Communication system?**

A communications system is an integrated system of communications hardware specially designing to fulfill a specific goal like sharing of information.

**Q9. What are the different types of hashing techniques you know?**

There are typically two types of hashing techniques as follows:

1.Static Hashing

2.Dynamic Hashing

In static hashing, the hash function maps search-key values to a fixed set of locations.

In dynamic hashing, a hash table can grow to handle more items. The associated hash function must change as the table grows.

**Q10. What is Sliding window protocol?**

Sliding window protocol is a flow control protocol that allows the sender to send multiple frames before needing the acknowledgments. It involves sliding through the sender's window.

**Q11. What is Ethernet?**

Ethernet is the technology for connecting devices in a wired local area network or wide area network (WAN) that enables them to communicate with each other via a protocol. A protocol is a set of rules for the transmission of data.

**Q12. What is dynamic memory allocation in OS?**

Dynamic Memory allocation is an action of assigning the physical or the virtual memory address space to a process (its instructions and data). The dynamic memory allocation method assigns the memory to a process, during its execution that provides flexibility to the execution of the program.

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