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University of Ottawa
Faculty of Engineering

Department of
Civil Engineering

CVG 2141 – CIVIL ENGINEERING MATERIALS

Quiz X

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Deadline: **December 4th 2020**

1. **What types of asphalt are used in civil engineering? List the possibilities of using the different types of asphalt.**
2. **List the different applications of liquid asphalts in civil engineering.**
3. **Describe the advantages and disadvantages of using asphalt and Portland cement concrete for pavements.**
4. **Show the difference in structural behaviour between asphalt and concrete pavements.**
5. **Describe the different layers of an asphalt pavement.**
6. **What is the PG of asphalt concrete? How do one select it?**
7. **Cite the durability related issues that can arise while the use of asphalt in pavements.**