**QUIZ # 1**

**Section 32690**

**Aggregates**

Take **15 minutes** to answer the following questions

Q1 briefly explain why the following aggregate properties are important to asphalt concrete used in pavements.

* 1. Strength
  2. Porosity and absorption
  3. Surface texture.

Q2 Answer True or false and provide a comment.

[***NOTE*** that answers without the comment are not considered]

2-1 Flaky type of stones is the best for asphalt concrete.

2-2 Use of dusty stones reduces the strength of asphalt concrete.

2-3 Gravel is material with particle size less than 4.75 mm.

2-4 Approximately 92% to 96% of the volume of asphalt concrete is occupied by aggregates.

2-5 The specific gravity (G) of aggregates is approximately 2.5 to 2.7 mm/mm.