

國立彰化師範大學 101 學年度碩士班招生考試試題

系所：車輛科技研究所

科目：汽車學

☆☆請在答案卷上作答☆☆

共 1 頁，第 1 頁

共 5 題，每題各 20 分，共 100 分

1. Explain the three primary types of brake fade caused by heat.
2. Explain the Service Description 205/75R x 15 92H on the tire.
3. Explain the meaning of the following terminology
 - (a) Traction control
 - (b) Electronic stability control
4.
 - (a) Describe the key feature of the Atkinson cycle.
 - (b) What is the effect of the Atkinson cycle on the fuel economy and the efficiency of the engine?
5. What is the relationship between the horsepower and altitude?