

# 國立彰化師範大學 102 學年度碩士班招生考試試題

系所：車輛科技研究所

選考甲

科目：汽車學

☆☆請在答案紙上作答☆☆

共 1 頁，第 1 頁

每題各 20 分(中英文回答皆可)

1. List the differences between drum brakes and disc brakes.
2. Consider a 1500-kg vehicle with a combined brake drum and rotor weight of 9-kg that is brought to a complete stop from 50 km/h. What's the brake temperatures increase?
3. Describe the purpose and function of a stabilizer bar.
4. How does the Atkinson cycle differ from a conventional (Otto) four-stroke cycle?
5. 試述未來汽車之發展.