

# 國立臺北科技大學

九十四學年度工程科技研究所博士班入學考試

## 資源工程導論試題

填 准 考 證 號 碼

第一頁 共一頁

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### 注意事項：

1. 本試題共四題，配分共 100 分。
2. 請按順序標明題號作答，不必抄題。
3. 全部答案均須答在答案卷之答案欄內，否則不予計分。

1. What are mineral deposits? Describes five ways by which a mineral deposit can form. (20%)
2. Describe the theory and methods of Geophysical and Geochemical Prospecting. (20%)
3. What's the difference between GPS and DGPS? (20%)
4. Explain the following terms regarding Mineral Resources Engineering. (40%)
  - (1) Cleavage
  - (2) Concentration Ratio
  - (3) Contact Metamorphism
  - (4) Detonation Velocity
  - (5) Grid North
  - (6) Hydrophobic
  - (7) Nephrite
  - (8) Performance Factor
  - (9) Probable Reserve
  - (10) Quarrying