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國立臺灣大學 104 學年度碩士班招生考試試題

科目：計算機概論(A)

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※ 注意：請於試卷內之「非選擇題作答區」標明題號依序作答。

1. (15%) Make an example to show what are the differences among “data”, “information”, and “knowledge” in computer science.
2. (15%) Use C, C++ or Java programming language to design a recursive program to generate the Fibonacci number of an input integer N.
3. (10%) Use formatted I/O functions such as “scanf()” and “printf()” to input a hexadecimal number and output its octadecimal number.
4. (10%) Explain and compare “CPU” and “GPU” in computer hardware.
5. (10%) Explain and compare “RAID” and “NAS” in computer system.
6. (10%) Explain and compare “mp3” and “mp4” in computer multimedia.
7. (10%) Explain and compare “TCP” and “UDP” in computer network.
8. (10%) Explain and compare “HTTP” and “HTTPS” in computer WWW.
9. (10%) Explain and compare “man-moth” and “Gantt chart” in computer project.

試題隨卷繳回