

# 中華大學

## 100 學年度碩士班招生入學考試試題紙

系所別：資訊工程學系碩士班 組別： 科目：計算機概論

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可攜帶計算機\*

```
b += 3;  
printf("a = %d, b = %d.\n", a, b);  
return (a * 2) * ++b;  
}
```

```
main() {  
    int x = 3, y = 2;  
    x = func(x, y);  
    printf("x = %d, y = %d.\n", x, y);  
    y = sub(&x, &x);  
    printf("x = %d, y = %d.\n", x, y);  
}
```

5. (10 points) Write a function that passes an array and calculates and returns the sum of  
 $\frac{a_1}{1!} + \frac{a_2}{2!} + \dots + \frac{a_n}{n!}$  where  $a_1, a_2$ , and  $a_n$  are the array elements and n is the size of the array.