Multiple Choice Questions (10%)
B(8) (Which of the following is an example of a language that is based on the declarative paradigm?
A LISP B PROLOG C.C D.C++
(() 2. Which of the following is not a control statement?
A. If- else statement B. While statement C Assignment statement D. For statement
() Which of the following is a means of nullifying conflicts among data types?
A Inheritance B Parsing C/Coercion D. Code optimization
A Inheritance B Parsing O Coercion S. Code optimization A Which of the following is a means of defining similar yet different classes in an object-oriented program? A Province B Parsing O Coercion S. Code optimization A Province B Parsing O Code opt
A Parsing B. Resolution C. Polymorphism D Innermance
(13) 5. Which of the following is not associated with object-oriented programming?
A. Inheritance B. Resolution C. Encapsulation D. Polymorphism
Fill-in-the-blank/Short answer Questions (90%)
Give three examples of key words that are often found in high-level imperative or object-oriented languages. (676)
Ans it, while for class into
Ans: tom while class C. C+t. Javascript
2. The following is a program segment and the definition of a function named sub. (6%)
X = 5; def sub(Y): Y = 10;
<pre>sub(X) print(X+1);</pre>
A What value will be printed by the program segment if parameters are passed by value:
B. What value will be printed by the program segment if parameters are passed by reference?
3. A data structure in which all elements have the same type is called Qu QYAQ, whereas a Structure
may have elements of different types. (6%)
由該文法生成的議論有一个字對雜有人於一個的存效,常以於
自該文法生成的主統(有一十字)作列人,一個的科學、作品的
the examinar allows more than (9%)
(4) To say that a grammar is ambiguous means that the grammar allows more than (9%) one passe tree or for a single string
one passe tree in the in the first
(TOR =0) (6%)
What clause would produce the resolvent (T OR W) when resolved with the clause (T OR ¬Q). (6%)
TOR-Q
TOP-38 (QOTWOYS)
Ans: (Q or W) Ans: (Q OR W)
Explain the distinction between fruitful and void functions. (9%)
Fruitful function (ADME fruitful - returne 16
vid funcion 1960/6/10 visit & retorne (1
45.) * 1.

Ch 6_Quiz

7. Based on the sketch of a class definition below, which methods can be invoked from outside in instance of the class? med 1 2 class Example (private void method1() method 4 private void method3(Upublic void method4() 8. Rewrite the following instructions using a single if-else statement (9%) if (A == 3) goto 50 if (A = = >) { goto 60 print(C) print (c); } 60 print(B) goto 100 else {
print(B); } (9) What general rule should be added to the Prolog program below so that Prolog can conclude that ice cream is better than candy? (6%) better(icecream, cookie).
better(X, Z) :- better(X, Y), better(Y, Z). better (awlie, candy). 10. Indicate how each of the following types of programming languages is classified in terms of generation (first generation, second generation, or third generation). (9%) third Gen. A. High-level languages first gen. B. Machine languages second for C. Assembly languages (11) Explain the distinction between global and local variables. (9%) Textunction内的 local variables, 只有 致 function 可使用 of Johal variable AI to tunction all in 1 1 任何function都可以使用的 4 Explain the distinction between a formal parameter and an actual parameter. (9%) 主程式の参数 actual parameter: 固定的复数格式,型别 actual parameter:不用參數的型別,由室數使用的意 下戏类型的