

=. 简答题

P採作: 请求申请临界资源的原语 Procedure p (Var s:semaplon)
V採作: 释放临界资源的原语 s. value:= bs. value:=
s. value > o: 还有空气的资源 end fs. value < o then sleeplo;
s. value = o: 没有空气的资源 procedure V (Var s: semaphore)
begin s. value:= s. value+1;
s. value < o: 有临界压在等待 s. value:= s. value+1;
即的资源数 无质溶析使用 end fs. value < - o the wakeap(s)

安阳 worker() {
Void worker() {
Void customer() {
Void custome

```
24.
       int waiting = 0 mutex value:=1

customer value:=0
       void worker()
                     barbers offued customers)
orej
          While (TRUE)
                                P(mutex);
                                if (waiting < 5)
             P(customers);
                                waiting = waiting + 1;
            P(mutex);
            print();
                                   V(customers);
           Worken;
                                  V(mutex)
            V (mutex);
                                   P(worker);
                                   get_printed();
                                    p(mutex);
                                    waiting --
                                else Vlmutex);
                                    V(mutex);
```

