

## QUESTION 23

a) i - The ~~main~~ problem occurs on line 13  
where it doesn't specify.

The problem occurs on line 13 where it turns off the system status if unrecognisable. This is no good as there may be further uses of the system, rather than leaving the system off on error, it should have a go to statement.

ii - Instead of `systemstatus = off`, there could have written, `goto begin process event`.

iii - There is an array of records passed, an on or off flag and an integer.

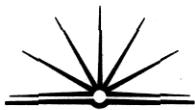
iv - There are 2 syntax errors.

`last event number = event number` and `close event`, when it is reused shortly after the close, close event should be further down the algorithm.



```
read(B)
Begin Algorithm
  write number
  read ticketinfo (tickets sold, name, number)
  write ticket info to ticket array
  if event number 1 } that nextnum then write
else as
  nextnum = event number 1
nextnum
and total records
  add records = record total
  print record total
end sub.
```

- (c) - Learn the ~~app~~ application: this is important for effective time efficient processing of information.
- Learn specific function. This is important for specialised jobs dealing in one area or a small area of the program. eg. it is important for the person counting ticket sales



to be efficient in only that area of the format.