## ΘΕΜΑ Α

Α1. α) Λ β) Σ γ) Σ δ) Λ ε) Σ

Α2. 1) ε 2) στ 3) γ 4) α 5) β

## ΘΕΜΑ Β

Β1. ΔΩΔΕΚΑΝΗΣΑ
ΝΑΞΟΣ
ΚΥΚΛΑΔΕΣΝΑΞΟΣ
4

Β2. α)
```
def tipose(self):
    if self.vathmos >= 10:
        print 'Προάγεται'
    else:
        print 'Παραπέμπεται'
```

β)
```
mathitis1 = Mathitis(103, 'Νικολάου', 19)
mathitis2 = Mathitis(105, 'Γεωργίου', 9)
```

γ)
```
mathitis1.tipose()
```

δ)
```
sum = (mathitis1.vathmos + mathitis2.vathmos)
mo = sum/2.0
print mo
```

B3. (1) 0
(2) word
(3) letter
(4) m
(5) L
(6) m

ΘΕΜΑ Γ

```
def ypologismos(x):
  if x>=1 and x<=3:
    xr = x*120
  elif x<=6:
    xr = 3*120 + (x-3)*100
  else:
    xr = 3*120 + (6-3)*100 + (x-6)*70
  return xr

sum=0
pl=0
For i in range(50):
    tem = input('Δε. τεμαχίων')
    XR = ypologismos(tem)
    priut XR
    sum+=XR
    if tem>10:
      pl+=1
print sum
pos = pl/50.0*100
print pos
```

ΘΕΜΑ Δ

```
sum=0
vath=[]
kod=[]
k=input('Δωσε κωδικο')
while k!='τελος':
    kod.append(k)
    v=input('Δωσε βαθμο')
    while v<1 or v>100:
        v=input('Δωσε βαθμο')
    vath.append(v)
    sum+=v
    k=input('Δωσε κωδικο')
N=len(vath)
MO=sum/float(N)
print MO

max=vath[0]
For i in range(N):
    if max<vath[i]:
        max=vath[i]
For i in range(N):
    if max==vath[i]:
        print kod[i]
a=0
File.open("epityxon.txt","w")
For i in range(N):
    if vath[i]>=60:
        a+=1
        File.write(a,".",kod[i],"\n")

File.close()
```