

## Corrigé type de l'examen final d'informatique (2<sup>ème</sup> semestre).

### Exercice 1: (4 pt)

**a=10** (2 pt);                      **b=7** (2 pt).

### Exercice 2: (8. pt)

```
Program permutation; (0.5 pt)
var X,Y, Z ,W: real (ou integer); (4*0.5 pt)
begin (0.25 pt)
writeln (' Donner les valeurs de X');
readln (X); (0.5 pt)
writeln (' Donner les valeurs de Y');
readln (Y); (0.5 pt)
writeln (' Donner les valeurs de Z ');
readln (Z); (0.5 pt)
W:=X; (0.5 pt)
X:=Y; (0.5 pt)
Y:=Z ; (0.5 pt)
Z:=W; (0.5 pt)
writeln (' la valeur de X est : ',X); (0.5 pt)
writeln (' la valeur de Y est : ',Y); (0.5 pt)
writeln (' la valeur de Z est : ', Z ); (0.5 pt)
end. (0.25 pt)
```

### Exercice 3: (4.5 pt)

```
Program surface ; (0.5 pt)
Var long, surf, peri: real ; (3*0.5 pt)
Begin (0.25 pt)
writeln (' Donner les valeurs de longueur ');
readln (long); (0.5 pt)
surf :=long*4 ; (0.5 pt)
peri := long*2 ; (0.5 pt)
writeln (' La valeur de la surface: ',surf, ' La valeur du perimetre: ',peri); (0.5 pt)
end. (0.25 pt)
```

### Exercice4: (3.5 pt)

```
Program Note; (0.5 pt)
var TP,TD,Examen , Note_finale : real ; (4*0.25 pt)
begin (0.25 pt)
Writeln('Donner les notes de TP,TD ,Examen ')
end.
```

```
readln (TP,TD,Examen ) ; (0.5 pt)
Note_finale :=(TP+TD+Examen _ 2 ) / 4 ; (0.5 pt)
Writeln( 'Note f i n a l e = ' , Not e _ f inale ) ; (0.5 pt)
end . (0.25 pt)
```