

## Biology 30 Study of the Brain!

Using your resources (text pp. 374-377, library & internet) complete the following tasks and label & colour code the brain diagram that follows:

### I. For each of the following parts of the brain record its function:

#### A) Protective layers:

Skull:

Cerebrospinal fluid:

Meninges:

Ventricles:

---

#### B) Regions of the Brain:

i) *Hindbrain* –  
Medulla oblongata:

Pons:

Cerebellum:

-----  
ii) *Midbrain* –  
Optic chiasma:

Pineal Gland:

-----  
iii) *Forebrain* –  
Thalamus:

Hypothalamus:

Corpus Callosum:

Cerebral cortex:

Motor cortex:

Sensory cortex:

Cerebrum:

Pituitary Gland:

---

#### C) Divisions of the Cerebrum (the 5 lobes)

For each lobe below find as many functions for each as stated by the number given:

i) Olfactory lobe (2):

iv) Temporal Lobe (10):

ii) Occipital Lobe (3):

v) Frontal Lobe (10):

iii) Parietal Lobe (6):

---