

## Section C: 2005 Sample

1. (a) This is a PSU (Power Supply Unit). It provides power to the mainboard as well as any devices (such as arddrives etc) within the PC.  
(b) This is a sound card (as can be judged by the number of outward connectors). It is used to connect speakers and microphone to enable the card to function as either and input or output device for sound.
  
2. (a) **Item A** The processor (CPU). This is an earlier system and as such doesn't have a coller on it. But the name 'Intel' is quite clear on it. The most Common CPU brands are Intel and AMD. Very often they will turn out to be the largest or most noticeable items on the mainboard.  
**Item B** These are memory modules. All PCs need memory to operate. Depending on the age of the PC more or less modules sockets will exist and the colour will vary. In this case there are 8 sockets and white. A more modern PC may have as few as two and they will tend to be black. The size (length) of the sockets and modules varies also, with newer modules being longer.  
(b) As can be read from the text on the front of the device, this is an “Ethernet Broadband Router”. From this we can determine that the function of this device is to connect a small network (there's only a few lights at the front – hence, small) to DSL or broadband. This function with 'route' traffic from the local network onto the internet and back from the internet to local Pcs.