

ENS1161 Computer Fundamentals

Module 7 – Revision Questions

1. What are the primary functions of I/O devices?
2. What is the difference between serial and parallel communication? Why is serial communication commonly used?
3. Why are the functions of I/O interfaces?
4. What do standards specify? Why are they required?
5. What is the function of an expansion bus? Name 3 bus standards.
6. Explain the principles of operation of a keyboard.
7. Explain how a display produces an image with the aid of diagrams.
8. Explain the following terms:
 - a. Pixel
 - b. Resolution
 - c. Aspect ratio
 - d. Colour depth
 - e. Frame buffer
9. List and explain the differences between the VGA and HDMI interfaces.
10. What is the function of a graphics accelerator? Why and when is it required?