

## Design Technology - Grade 5 Project Review Questions

**Q1. What do you call the five stages used to complete the project?**



- a. Programming skills
- b. Project requirement
- c. Systems development lifecycle
- d. Microcontroller

**Q2. What did you create in your project using the microcontroller?**



- a. A calculator



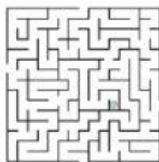
- b. A compass



- c. A flag



- d. A puzzle



**Q3. What did you use to output the answers?**

- a. Pin pads
- b. LED grid
- c. NeoPixels
- d. Power pad

**Q4. What did you use to store the results?**

- a. Variable
- b. Constant
- c. Name
- d. Input

**Q5. Which block-based language did you use?**

- a. Scratch 

- b. Python 

- c. Ardublockly 

- d. Arduino 

**Q6. Which one outputs a beep to feedback the user? (2 marks)**

- a. A buzzer
- b. LED grid
- c. Lights
- d. Pin pads

**Q7. What is the value of the answer variable at the start of the program? (2 marks)**

- a. 2
- b. 5
- c. 0
- d. 1

**Q8. Which kind of microcontroller did you use? (2 marks)**

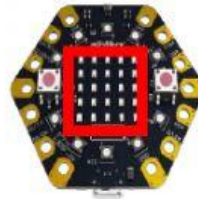
- a. Arduino Leonardo
- b. Arduino UNO
- c. Maker
- d. Arduino Mega

**Q9. Which pin pad number will output the answer and play the buzzer?**

- a. D10
- b. D2
- c. D3
- d. D6

**Q10. What does the picture show? (2 marks)**

- a. Pin pads
- b. LED grid
- c. Accelerometer
- d. Push button



**Q11. What is the data entered in a system by a user? (2 marks)**

- a. Input
- b. Output
- c. LED
- d. Code

**Q12. Which stage do you check a product, program or system meets the requirements? (2 marks)**

- a. Programming
- b. Project brief
- c. Testing
- d. Self-reflection

**Q13. Which stage do you look back at how you worked during a project? (1 mark)**



- a. Programming
- b. Project brief
- c. Planning
- d. Self-reflection