RGB LED's pop up test

1. **What does RGB stand for?**

    - A. Red, Green, Black
    - B. Red, Green, Blue
    - C. Red, Grey, Blue
    - D. Red, Green, Brightness

2. **What happens when you set the brightness of an LED to 125?**

    - A. The LED turns off.
    - B. The LED becomes dimmer.
    - C. The LED becomes brighter.
    - D. The LED flashes.

3. **What colour is displayed if R = 255, G = 0, and B = 0?**

    - A. Blue
    - B. Green
    - C. Red
    - D. Purple

4. **Which block is used to control the brightness of an LED?**

    - A. Set RGBled
    - B. LED brightness
    - C. On start
    - D. Car stop

5. **What happens when the RGB LED is set to black?**

    - A. The LED displays a dim light.
    - B. The LED displays a white light.
    - C. The LED does not turn on.
    - D. The LED flashes intermittently.

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6. **What would the colour be if R = 124, G = 34, and B = 0?**

- A. Dark red
- B. Light green
- C. Blue
- D. White

7. **What is the maximum brightness value that can be set for an LED?**

- A. 100
- B. 200
- C. 255
- D. 500

8. **Which block allows you to set specific RGB values for the LED?**

- LED brightness
- Set RGB Led
- On start
- Play tone

9. **What colour does the RGB LED display when R = 255, G = 0, and B = 255?**

- White
- Blue
- Purple
- Green

10. **What colour combination would you use to make a police siren light?**

- A. Blue and Red
- B. Green and Blue
- C. Purple and Red
- D. White and Red

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