Name: _____ **Date: _____**

<div style="background:green;color:white">

VEX CTE: Workcell Automation

Unit 1 - Lesson 2: Getting Started with the Brain

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1. How can you check the level of charge on the Battery?

  a. Use the indicator lights on the Battery.

  b. Select the Battery icon in VEXcode EXP.

  c. Use the indicator lights on the 6-Axis Robotic Arm.

  d. Select the Brain icon in VEXcode EXP.

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2. What should you do if the Brain icon in VEXcode EXP turns orange?

  a. Disconnect and reconnect the Brain.

  b. Unplug the Battery.

  c. Update the Brain's firmware.

  d. Close and reopen VEXcode EXP.

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3. What is the purpose of updating the firmware on the EXP Brain?

  a. To change the colors of blocks in VEXcode EXP.

  b. To add new features and fix known bugs.

  c. To charge the Battery.

  d. To make the 6-Axis Robotic Arm move to the coordinates (120, 0, 100).

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4. What indicates that the firmware update process is actively occurring in VEXcode EXP?

  a. The Brain icon turns green.

  b. The Brain icon turns orange.

  c. The Battery level decreases.

  d. A progress bar is displayed in VEXcode EXP.

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5. What happens to the EXP Brain once the firmware update is completed?

  a. It powers off and then back on (power cycling).

  b. It changed the color of the Brain icon to blue.

  c. A warning message is displayed.

  d. The Brain plays a sound and the screen flashes.

6. **Reflect on your learning in this Unit so far. On a scale of 1 to 5, with 1 being 'Not confident at all' and 5 being 'Very confident,' how confident are you that you will reach your learning targets for this unit? (Circle one)**

<div align="center">

1   2   3   4   5

</div>

What questions or uncertainties do you have, if any, about the material in the first two lessons of the unit that need to be addressed in order for you to meet your learning targets? Be prepared to discuss this question with your instructor.

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7. **Now that you have completed this Lesson, how are you feeling about what you are learning in this Unit? On a scale of 1 to 5, with 1 being 'Completely disinterested' and 5 being 'Very excited and motivated to learn more', rate your level of excitement and interest in this Unit. (Circle one)**

<div align="center">

1   2   3   4   5

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Additionally, briefly explain why you chose this rating.

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