

1. 1 / 1 point

Components of the Eclipse Workbench include: (Mark all that apply)

☒ View

Correct
Correct!

☐ Platform Designer

☒ Editor

Correct
Correct!

☒ Perspective

Correct
Correct!

2. What actions are taken in the NIOS II design flow? (Mark all that apply) 1 / 1 point

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☒ Add Source Files

☒ Correct
The design flow starts with Adding source files

☒ Edit Source Files

☒ Correct
Feedback: the design flow includes Editing source files

☒ Build programming images

☒ Correct
Feedback: the design flow includes Building programs

☒ Debug Code

☒ Correct
Feedback: the design flow includes Debugging code the design flow includes Building programs

3. What is a HAL?

1 / 1 point

- ☒ Hardware Abstraction Layer
- ☐ Highly Available Linker
- ☐ Header Absolute Lookup
- ☐ High Altitude Loop

✓ Correct
Feedback: Yes, this is correct.

4. SBT relative to the NIOS II stands for:

1 / 1 point

- ☐ Single Best Timer
- ☐ Soft Processor Basic Tool
- ☐ Simple Build Tool
- ☒ Software Build Tool

✓ Correct
Feedback: Yes, this is correct!

5. Eclipse is: 1 / 1 point

- ☐ A text editor
- ☒ An Integrated Development Environment
- ☐ A debugger
- ☐ A C/C++ compiler

✓ Correct
That's correct

6. EDS, relative to the NIOS II, means: 1 / 1 point

- ☐ Embedded Dynamic System
- ☐ Embedded Development Suite
- ☐ Enhanced Design Source
- ☒ Embedded Design Suite

✓ Correct
Yes!

7. What can be controlled by the BSP? (Mark all that apply) 1 / 1 point

☒ System timers

☒ Correct
Feedback: System timers can be configured by the BSP.

☒ Stdin source

☒ Correct
Feedback: Standard In source can be configured by the BSP.

☒ Code size

☒ Correct
Feedback: Code size can be configured somewhat by the BSP

☒ Stack size

☒ Correct
Feedback: Stack size can be configured by the BSP

☐ Breakpoints

8. Which of the following are the Perspectives available in the NIOS II SBT? (Mark all that apply) 1 / 1 point

- ☐ Console
- ☒ Debug

✓ Correct
Correct

- ☒ NIOS II

✓ Correct
Correct

- ☒ C/C++

✓ Correct
Correct

9. Osvs gives system information. memory map to the software tools by the _____ file. 0 / 1 point

9. Qsys gives system information, memory map to the software tools by the _____ file. 0 / 1 point

.sof

✗ **Incorrect**
This file is used to start a software project for the NIOS II.

10. What is a BSP? 1 / 1 point

- ☐ Big Soft Processor
- ☐ Binary System Project
- ☒ Board Support Package
- ☐ Basic Software Package

✓ **Correct**
Yes, this is correct