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Time taken	1 min 36 secs
Grade	3.00 out of 3.00 (100%)

#### Question 1

Correct

Mark 1.00 out of 1.00

According to Amdahl's law parallel computing with many processors is useful only for highly parallelizable programs.

Select one:

- ☒ True ✓
- ☐ False

Well done!

The correct answer is 'True'.

#### Question 2

Correct

Mark 1.00 out of 1.00

Machines with huge number of processors and massive parallelism make sense because, in practice, the problem size is often increased in order to improve the accuracy of the solution (weak scaling).

Select one:

- ☒ True ✓
- ☐ False

Well done!

The correct answer is 'True'.

#### Question 3

Correct

Mark 1.00 out of 1.00

In the execution of a parallel program, different sources of overhead appear; since they are unavoidable, it is important to keep them to the minimum. In addition, it is also important to reduce the non-parallelizable part of the program as much as possible.

Select one:

- ☒ True ✓
- ☐ False

Well done!

The correct answer is 'True'.