# Free PMP® Exam Sample Question

The following sample question for the Project Management Professional (PMP)® Exam may be freely published in newsletters, websites, blogs and other media of your organization.

For newsletters it is a good practice to include the question up front and the answer & explanation toward the back.

Please credit the source by including the following text below the question, “Question provided by The PM Exam Simulator: [www.pm-exam-simulator.com](http://www.pm-exam-simulator.com).”

## Question

A project has the CPI of 0.73 and SPI of 1.1. Two programmers on your project team are in conflict over the best approach to take now. A junior programmer wants to re-use some of the software components your company developed from a similar software application in the past. She supports her idea by claiming that this approach would save at least 1,000 hours of team effort. The opposing senior programmer wants to follow the current development plan because the new proposed approach would require major design changes.

As the project manager, what is the best way for you to proceed?

A.) Tell both programmers to work out the problem between themselves

B.) Consult the project management plan for guidance

C.) Tell them to follow the original design

D.) Analyze the idea and issue a change request if appropriate

*Question provided by The PM Exam Simulator:* [*www.pm-exam-simulator.com*](http://www.pm-exam-simulator.com)

## Answer & Explanation

Correct Answer: D)

Since the CPI is 0.73 and SPI is 1.1 we can infer that the project is over budget but slightly ahead of schedule.

Accepting the idea will reduce the project duration. Don't get carried away by the fact that because the SPI is greater than 1 that time is not an issue. A point to be considered here is that if we can reduce the total project time by 1,000 man-hours of team effort, we can significantly reduce the project cost as well. Although this benefit is not highlighted in the junior programmer's claim, it is very obvious. It seems that taking her advice is a good idea.

But in order to weigh all the pros and cons we need to first analyze it further and then issue a change request.

Reference: PMBOK Guide 5th Edition, page 283 and page 82

# Disclaimer and Copyright Statement

PMI, PMP, CAPM, PgMP, PMI-ACP, PMI-SP, PMI-RMP and PMBOK are trademarks of the Project Management Institute, Inc. PMI has not endorsed and did not participate in the development of this publication. PMI does not sponsor this publication and makes no warranty, guarantee or representation, expressed or implied as to the accuracy or content. Every attempt has been made by OSP International LLC to ensure that the information presented in this publication is accurate and can serve as preparation for the PMP certification exam. However, OSP International LLC accepts no legal responsibility for the content herein. This document should be used only as a reference and not as a replacement for officially published material. Using the information from this document does not guarantee that the reader will pass the PMP certification exam. No such guarantees or warranties are implied or expressed by OSP International LLC.