

# CS673- Software Engineering

## Module 6 Assignment 1

1.

10

The goal of software process improvement effort and CMMI assessment is .... (select one answer that fits best among four possible responses)

- a) Receive a certificate stating the highest possible maturity level ☐ Correct
- b) Improve actual organizational effectiveness so to deliver products faster with a higher quality ☒ Incorrect
- c) Dominate the industry with an expansion of the customer base ☐ Incorrect
- d) Retain enough documentation and evidences of process performance, to satisfy an assessment, audit or any other possible review, either an internal or external review ☐ Incorrect

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I found the question 10 which is at the intersection of Terminology and Improvement to be wrong.

The right answer is: b) Improve actual organizational effectiveness so to deliver products faster with a higher quality

2. (42) Select those statements that are true.

**(a)** The level of control in Configuration Management directly influences the rigor of Source Management practices within the software development process. Higher levels of control, such as Change Control, necessitate stricter source management processes to ensure that changes are properly reviewed, approved, and integrated into the codebase.

**(b)** In a software development environment, having no control over configuration items leads to better source management outcomes. This lack of control encourages developers to freely make changes without any formal processes, resulting in a more efficient and streamlined development process.

3.

	Terminology	Formal	Examination	Work Products	Peers	To Identify Defects	Review Outcomes	Checklists	Review Meetings	Review Feedback	Review Metrics and Measurement
Terminology		1	2	3	4	5	6	7	8	9	10
Formal			11	12	13	14	15	16	17	18	19
Examination				20	21	22	23	24	25	26	27
Work Products					28	29	30	31	32	33	34
Peers						35	36	37	38	39	40
To Identify Defects							41	42	43	44	45
Review Outcomes								46	47	48	49
Checklists									50	51	52
Review Meetings										53	54
Review Feedback											55
Review Metrics and Measurement											

(42) Select those statements that are true.

a) The use of checklists in peer reviews significantly influences the review outcomes by providing a structured framework for evaluating work products. A well-designed checklist ensures that potential defects are systematically identified, leading to informed decisions about whether the work product is approved, requires revisions, or needs further assessment.

(b) The sole purpose of using checklists in peer reviews is to replace human judgment and decision-making. Checklists remove the need for considering review outcomes, as they automate the process entirely, leading to a lack of critical assessment and improvement in the work products.