

AEE32012 Project Management in Biosystems

EXAM GUIDELINES

The exam paper will contain 4 essay typed questions for 2 hour duration covering possibly the following areas but not limited to.

1. Basics of Project Management
2. Project Vs Routine Operations
3. Project failures
4. Project Manager key characteristics
5. Process groups interaction
6. Portfolio, Program, PMOs.
7. Project charter; business case
8. Scope statement; project scope; product scope
9. PMP – subsidiary plans
10. WBS
11. Direct and manage project work
12. Cost management processes
13. Building cost baseline/budget
14. EVM calculations
15. EVM graph –practical application
16. Cost estimation methods/techniques
17. CPM – network (AOA and AON); CPM calculations; critical path
18. Decision making and group creativity techniques/tools
19. Risk registry and risk assessment methods
20. Expected Monetary Value (EMV) – risk management
21. Etc.

IMPORTANT NOTES

- The questions will mainly be practical or case study-oriented.
- **Follow all of my past papers as it can help you immensely.**
- You are highly advised to write your answers IN POINT FORM, BRIEF & TO THE POINT.
- **Overly long answers can consume your time and lead to complaints about running out of time. Therefore, use your time wisely by providing answers of suitable length and depth. The two-hour duration allotted for the exam should be more than sufficient.**
- Don't waste spaces unnecessarily in the answer papers; rather be sustainable.
- **Sustainable and mindful writing can help you in gaining grace marks.**
- Above all, please use neat handwriting (you are not expected to change the way you write rather present your answers neatly)
- Do not leave any question unanswered; just try to write or sketch something of your understanding.
- Think positive and do not be panicking.

Best Wishes! God Bless You!

Eid Mubarak! Happy New Year!