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PROJECT MANAGEMENT LEVEL 6

BUS/OS/PM/CR/08/6

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Manage Project Environment

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July/August 2025

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TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION COUNCIL (TVET CDACC)

WRITTEN ASSESSMENT

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Date: 30.07.2025 10:37 AM

TIME: 3 HOURS

INSTRUCTIONS TO CANDIDATE

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1. This paper consists of **TWO** sections: **A** and **B**.
2. Attempt **ALL** questions in section **A**.
3. Attempt question **ELEVEN** (11) and any other **TWO** (2) questions in section **B**.
4. Marks for each question are indicated in the brackets.
5. Candidates are provided with a separate answer booklet
6. Do not write on the question paper.

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This paper consists of FOUR (4) printed pages

Candidate should check the question paper to ascertain that all pages are printed as indicated and that no questions are missing.

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SECTION A (40 MARKS)

Attempt ALL questions in this section.

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1. Political environment can affect the success or a failure of a project. State **FOUR** ways in which political environment may determine the success of a project. (4 Marks)
2. Identifying project environment is critical before initiating a project. List **FOUR** reasons why risk identification and mitigation are important in assessing project environment. (4 Marks)
3. Environmental analysis is an important factor when determining project environment. State **FOUR** external factors considered when performing project environmental analysis. (4 Marks)
4. Developing a project monitoring plan is essential in managing project environment. List **FOUR** benefits of developing a project monitoring plan. (4 Marks)
5. Economic environment should always be assessed when initiating development projects. State **FOUR** challenges that may result if economic environment is not properly analyzed. (4 Marks)
6. Involving stakeholders in identifying project environment is important before undertaking any project. List **FOUR** reasons why stakeholders may be included in project environment identification. (4 Marks)
7. There are various categories of stakeholders involved in identifying project environment. Identify **FOUR** stakeholders involved in identifying project environment. (4 Marks)
8. Project managers are required to document project environment analysis. List **FOUR** benefits of documenting project environmental analysis. (4 Marks)
9. Organization process assets are important consideration when identifying a project environment. State **FOUR** examples of project organization assets. (4 Marks)
10. Determining project legal environment requires a project manager to take into account several factors. Identify **FOUR** aspects considered when determining project legal environment. (4 Marks)

SECTION B (60 MARKS)**Attempt question 11 and any other TWO questions in this section.**

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11. John has been appointed as a project manager with a government organization which is implementing a road infrastructure project in Kajiado county. The road infrastructure to be constructed requires wider consultation with the members of the public, elected leaders, land owners where the road is going to cut across. The project manager is to initiate a stakeholder meeting which will help him and his team to determine pertinent issues which may hinder the roll out of the project. Several aspects such as the culture of the people surrounding the project, economic impact of the project, physical environment, legal environment, available technology and the prevailing political climate will be discussed. During the deliberation all environment aspects will be noted and documented for further analysis to determine their impact on the project. The project environment analysis will help John and his team to develop the project environment monitoring plan to guide the implementation of the project.

From the above case study

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- a) Discuss **FIVE** factors that will determine the success of the road project. (10 Marks)
- b) Explain **FIVE** challenges that John would encounter if stakeholders were not involved in the initiation of the road project. (10 Marks)
12. Printed By: Amref International Training Center
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- a) The level of technology is an important aspect to consider when conducting environmental analysis. Discuss **FIVE** benefits of assessing the available technology before initiating projects. (10 Marks)
- b) You have been appointed as a project manager to oversee a renewable energy project to monitor physical environmental factors that could affect the project. Explain **FIVE** tools that could be used to monitor the project physical environment. (10 Marks)
13. Printed By: Amref International Training Center
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- a) Project environment monitoring plan is an important tool developed for managing project environment. Discuss **FIVE** components of project monitoring plan (10 Marks)
- b) Describe **FIVE** challenges that may be encountered by a project manager if project monitoring plan is not effectively used in managing project environment. (10 Marks)

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14.

- a) During the execution of a project, a project manager is required to prepare an environment monitoring report. Explain **FIVE** elements that should be included in the monitoring report.

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(10 Marks)

- b) Environmental analysis helps to identify economic effects that may affect the success or failure of a project. Describe **FIVE** economic effects that may arise if project economic environment analysis is not properly carried out.

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(10 Marks)

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