



COLLEGE OF BUSINESS AND ECONOMICS FINAL EXAMINATION

DEPARTMENT OF BUSINESS MANAGEMENT

MODULE : **PROJECT CONTROL**

CODE : **HC1PJCL**

DATE : **20 NOVEMBER**

DURATION : **2 HOURS**

TIME : **08H30**

TOTAL MARKS : **100**

EXAMINER(S) : **MR WIKUS ERASMUS**

(EXTERNAL) MODERATOR(S): **MR RUDI HARMSE**

NUMBER OF PAGES : **2 PAGES**

INSTRUCTIONS TO CANDIDATES:

- The question papers should be submitted after the completion of the exam.
- This is a CLOSED book assessment and NO electronic notes, laptops and tablets are allowed.
- Read the questions carefully and answer only what is asked.
- There are no optional questions. Please complete all questions.
- Number your answers clearly
- Write neatly and legibly
- Structure your answers by using appropriate headings and sub-headings.
- The general University of Johannesburg policies, procedures and rules pertaining to written assessments apply to this assessment.

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QUESTION 1

1.1 You received the following financial report for his project:

Activity	PV	EV	AC
Design	R5 000	R5 500	R5 600
Build A	R3 000	R2800	R2 500
Build B	R3 500	R3 500	R3 500
Deliver	R1 500	R1 900	R1 600

- Which WBS element(s) of the project is behind schedule? (5)
- Which elements have a positive cost variance? (5)
- Element "Build A" is over/under budget by ____%. (5)

1.2 You have a project to build 20 low-cost housing units at R50 000 each in 10 months, At the end of the 5th month, you have completed 6 houses. Calculate the following:

- Planned value (5)
- Earned value (5)
- Schedule variance (in rand) and (5)
- Time variance (in days) (5)
- Say the actual cost is R52 000 instead of the budgeted R50 000. Determine the actual cost and the cost variance. (5)

(40)

QUESTION 2

2.1 Name and discuss the six interrelated cost activities on any project. (18)

2.2 Name and discuss the six of the seven cost-related activities with which the project's management will concern itself. (12)

2.3 List and discuss the five factors that influence the economic feasibility of a project. (10)

(40)

QUESTION 3

3.1 Describe how the following terms relate to project management WITH AN EXAMPLE:

- Quality (5)
- Quality control (5)
- Quality assurance (5)
- Quality planning (5)

(20)

TOTAL [100]