



FACULTY ART DESIGN AND ARCHITECTURE

2015 November

Main Assessment

DEPARTMENT OF ARCHITECTURE

<u>MODULE NAME</u>	:	Architectural Management 4
<u>MODULE CODE</u>	:	APM41-1
<u>DATE</u>	:	5 November 2015
<u>DURATION</u>	:	3 Hours
<u>TIME</u>	:	08:30 – 11:30
<u>TOTAL MARKS</u>	:	100

<u>ASSESSOR(S)</u>	:	Mrs L Booker
<u>MODERATOR(S)</u>	:	Mrs S Grace
<u>NUMBER OF PAGES</u>	:	3

INSTRUCTIONS TO CANDIDATES:

- Question papers must be handed in.
- This is an open book assessment. (electronic and printed material, no Internet)
- Read the questions carefully and answer only what is asked.
- 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.

QUESTION ONE – ARCHITECTURAL MANAGEMENT

1.1 Briefly list the criteria for good quality in Architecture according to the theories of TQM (10)

1.2 Organisational success depends ultimately on the quality of its leaders. But leaders are born to be so: it is not possible to train a person to become an effective leader'.

Critically discuss this statement. (15)

[25]

QUESTION TWO – PROJECT MANAGEMENT

2.1 Define the terms “Project” and “Work Breakdown Schedule” related to a project. (8)

2.2 What is the project duration for these activities following onto each other, if weighted as $[2t_o + 10t_m + 3t_p]$? (5)

Activity identity	t_o most optimistic duration (days)	t_m most likely duration (days)	t_p most pessimistic duration (days)
X	3	4	5
Y	2	3	5
Z	10	12	15

2.3 Draw a precedent diagram to calculate all values of this project, and show the interdependence of all activities, as well as the critical path. (12)

Activity identity	Activity duration (days)	Immediate predecessor
A	2	-
B	6	-
C	7	A & B
D	5	A
E	6	A
F	4	B
G	3	D, E & M
H	2	C & D
I	1	J
J	1	-
K	2	D & G
L	11	C & I
M	3	-

[25]

QUESTION THREE - ECONOMICS

Explain the trend in the South African INTEREST RATE in the last year

3.1 Table the current trends in the SARB interest rate (5)

3.2 Discuss the reasons for this trend (10)

3.3 Explain the effect of this trend on the building industry (10)

[25]

QUESTION FOUR – FINANCES & ACCOUNTING

4.1 Explain how Partnering is implemented in the Architectural Industry and how it contributes to the process of continuous improvement (15)

4.2 Use a diagrammatic explanation of a Value Added Statement to explain the way in which profit is redistributed to different parties (10)

[25]

TOTAL MARKS (100)