

EKWO AND ASSOCIATE REAL ESTATE APPRAISER

Group 1: Estate Management Class HND II, OLD REF. IMT

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COURSE: REAL ESTATE APPRAISAL 11

QUIZ

QUESTION 1 = Critical path is that part that has no float in a project

It is determine by identifying the path that has the longest irreducible sequence of events.

QUESTION 2 = Relevance of CPA

It helps to examine the feasibility and viability of a construction project

It helps in comparing different aspect of a project at a glance or handles multiple tasks.

It helps in project with starting time and finishing time.

QUESTION 3 = Pert chart Analysis

a) Duration of each path.

- Path 1 19 days
- Path 2 → 17 days
- Path 3 → 38 days

b) Critical path.→

Critical path → path3 (38days) it is the major sequence of the event and it has no float.

c) How to ensure project timely delivery.

1. Planning: the project involves three paths, path 1, 2 and 3.

Leaving the purchase plots events to arrive at assemble shed.

Path 1= leaves event starting point of purchase plot (5days) to select design (3days) to purchase wood (3days) then finally to assemble shed (8days) end.

Path 2= leaves event 1 purchase plot (5days) to event 2 select design (3days) to event 3 purchase paint (1day) then to event 4 assemble shed (8days) end.

Path 3= leaves event 1 purchase plot (5days) to event 2 select design (3days) to event 3 hire workers (4days) to event 4 dig foundation (4days) to event 5 lay foundation 6days to event 6 foundation cement (8days) to final event assemble shed (8days)

2. Arranging and scheduling:

Task 1= 5days

Task 2= 3 days

Task3= 3days

Task 4= 1day

Task5= 4days

Task6= 4days

Task7= 6days

Task 8= 8days

Task9= 8days

P1= T1, T2, T3, T9 = 19days, -19days Float

P2= T1, T2, T4, T9 =17days, - 21days float

P3= T1, T2, T5, T6, T7, T8, T9 = 38days, - 0 float

3. Controlling: this entails allocating the free days (float)

from path1 and path 2 to path 3. These will help to ensure timely delivery which is called control.

➤ Path 1 join path 3 = 19 days floats

➤ Path 2 join path 3 = 21 days floats

QUESTION 4 = Analysis of the line of balance chart.

The chart is all about a project which was planned to be completed within 4 months, i.e. it is expected that the project is going to attain its best value (100%) within 4 months.

But the actual is that, within 2 months the project has attained 50% of its value.

This shows that the project is a positive one, there is no trouble area and also it did not deviate from the established plan therefore the project is making progress.