

Domanda 1

Risposta non data

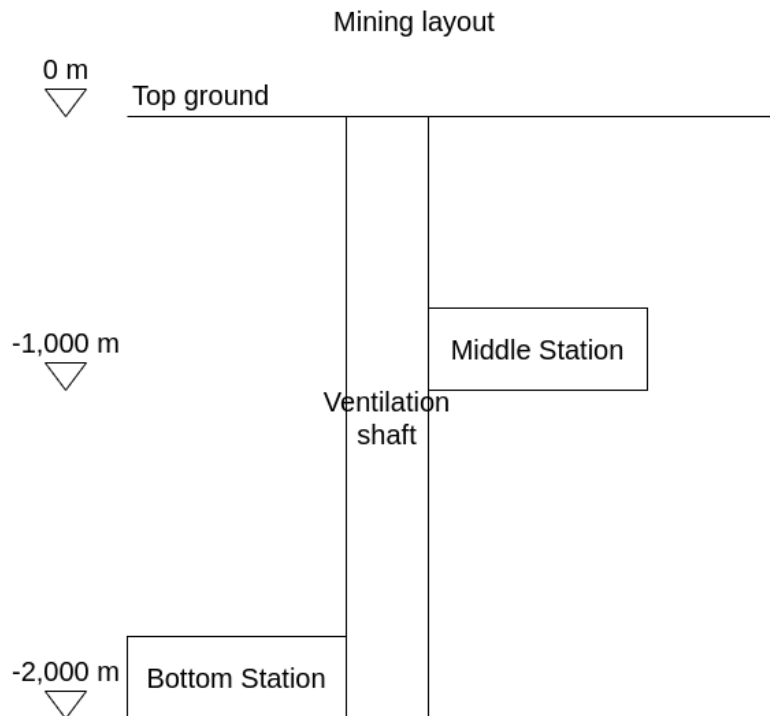
Punteggio max.:
1,00**Project context - Process and subject groups**

The team of SA Gold Mine was tasked to improve the mine layout by sinking a ventilation shaft, and then to excavate room for a station at the bottom of the shaft.

After the work had begun, the scope of the project was changed to include excavation for a new station halfway down the shaft (Figure below).

As the mine improvement has progressed, your executive management has requested an earned value report as well as time and cost estimates at completion.

According to the description, looking at only what is explicitly indicated, what were the steps in the project management processes according to ISO21500 leading to current situation?



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- ☐ (a) Planning, Implementing, Controlling, (re)Planning, Implementing, Controlling
 - ☐ (b) Initiating, Planning, Implementing, Controlling
 - ☐ (c) Implementing, Controlling
 - ☐ (d) Planning, Implementing, Controlling

Risposta errata.

La risposta corretta è: Planning, Implementing, Controlling, (re)Planning, Implementing, Controlling

Domanda 2

Risposta non data

Punteggio max.:
1,00**Planning - Scope - Create work breakdown structure**

Does the following tree best describes the project WBS and activities for the project under the “Function Oriented” decomposition approach?

- 1. Gold Mine improvement Project
 - 1. Ventilation shaft
 - 1. Excavate from top soil to middle station
 - 2. Excavate from middle to bottom station
 - 2. Stations
 - 1. Excavate middle station
 - 2. Excavate bottom station
-

Scegli una risposta:

- ☐ Vero
- ☐ Falso

La risposta corretta è 'Falso'.

Domanda 3

Risposta non data

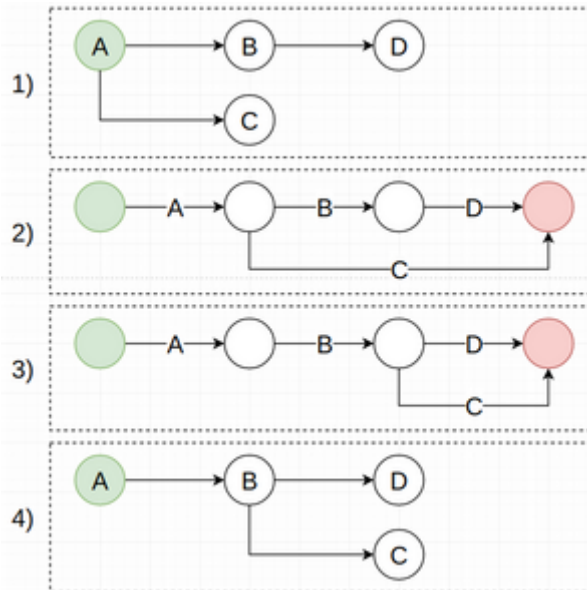
Punteggio max.:
1,00

Assuming the following activity list

- A. Excavate ventilation shaft from top soil to middle station
- B. Excavate ventilation shaft from middle to bottom station
- C. Excavate middle station
- D. Excavate bottom station

Consider that the middle station can be performed simultaneously to the second ventilation shaft and bottom station tasks.

Which one of the following pictures represents the correct AOA activity network?



- ☐ (a) 1)
- ☐ (b) 3)
- ☐ (c) 2)
- ☐ (d) 4)

Risposta errata.

La risposta corretta è: 2)

Domanda 4

Risposta corretta

Punteggio ottenuto

1,00 su 1,00

Planning - Time: Estimate durations & Develop schedule

The following table represent the Gold Mine project's current schedule:

Activity	Duration (months)	Start	End	Predecessor
A. Excavate ventilation shaft from top soil to middle station	8	1	8	
B. Excavate ventilation shaft from middle to bottom station	8	9	16	A
C. Excavate middle station	?		?	A
D. Excavate bottom station	4	17	20	B

Knowing that

- station tasks have the same rate of excavation (m3/month),
- excavation volume of task D equals 5204 m3,
- excavation volume of task C equals 5724,4 m3,

Calculate and input task C **free float**, if any. Input 0 if critical.

Risposta:



La risposta corretta è : 7,60