## **Questions (8)**

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They are independent of each other
This is a wrong answer
The higher the plateau rate, longer the plateau
This is a wrong answer
The higher the plateau rate, shorter the plateau
This is a correct answer
Q2:when producing in plateau mode, what is the effect of increasing the number of wells?
Plateau duration remains unchanged

This is a wrong answer

Plateau duration is prolonged

This is a correct answer

Plateau duration is shortened

This is a wrong answer

Q3:What is the reason why increasing the number of wells prolongs plateau duration?

The available pressure calculated from reservoir is higher

This is a correct answer

• The required pressure to flow against separator is lowered

This is a wrong answer

•	The production potential of the system increases
	This is a correct answer
<b>Q4</b> :W	hat is the production potential of a field?
•	The maximum rate the field can produce at a given time
	This is a correct answer
•	The rate calculated when all chokes are open
	This is a wrong answer
•	The flow equilibrium rate
	This is a wrong answer
•	The rate calculated when all pumps are at maximum speed
	This is a wrong answer
<b>Q</b> 5:W	hy is production potential (pp) a function of cumulative production (Qp)?
•	It is NOT a function of cumulative production
	This is a wrong answer
•	pp is a function of pR, and pR is a function of Qp
	This is a correct answer
•	The IPR depends on Qp only.
	This is a correct answer
00.15	

**Q6:**If the production potential vs cumulative production is linear, the decline is exponential

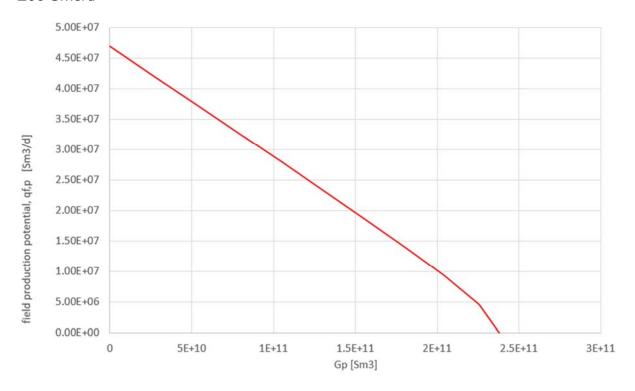
## FALSE

This is a wrong answer

## TRUE

This is a correct answer

**Q7:**For the following production potential curve, what is the plateau duration for 30 E06 Sm3/d



15 years

This is a wrong answer

5 years

This is a wrong answer

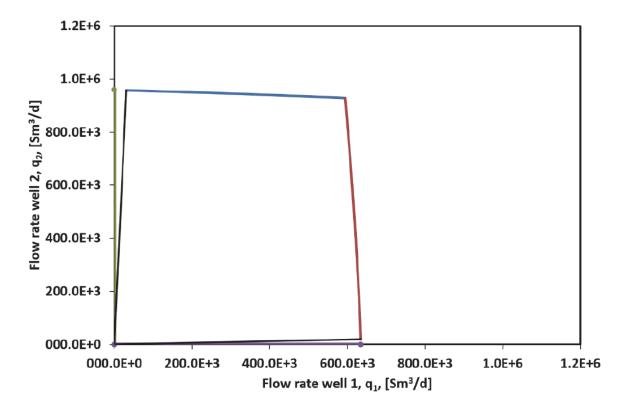
3 years

This is a wrong answer

• 8 years

This is a correct answer

**Q8:**For two wells producing to a common line, rates q1=200E3 and q2=1e6 are feasible



TRUE

This is a wrong answer

• FALSE

This is a correct answer

Note Titl

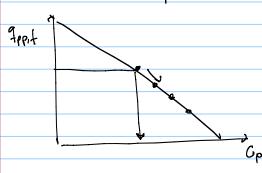
· Re-cap hahoot gura

· Proble 2, esserare set 2

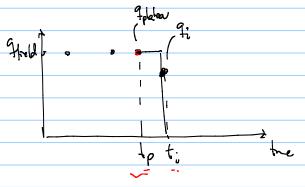
9pp, 1 = Nw (-m Gp + 9ppo)

flow equilibrim relations if well model and retwork model are available to impose famin if reservoir similator

Plateau period II = contant



 $G_{p_{i}} = G_{p_{i-1}} + o_{-5} \left( f_{i} + g_{i-1} \right) \cdot \left( f_{i} - f_{i-1} \right) \quad (1)$ 



7 field = New (-m Gp + 9pp).

9 i = New (-m Gp; + 9pp) (1)

Problem 1, exerce set 3.

to estimate how much each rejevoir unt should produce in platear rate one often uses the potential

Dat the "o" run a flow equilibrium adulchen with open chone

1pp\_L

1pp\_n

1pp\_tield

O caladale production split factor

(3) Calculate production split at plateau ranke

1 plateau\_L = Iplateau Field - f\_L

1 plateau\_m = Iplateau\_Field - f\_m

