

التاريخ: 2014/02/05

القسم: هندسة النفط

الزمن: ساعتان

خريف 2014/2013

الإمتحان النهائي لمقرر: إدارة المكامن

رقم الجلوس ()

أستاذ المقرر: أبو بكر السعداوي

Reservoir Management Final Exam:

1. **What are the reservoir monitoring base elements? Explain in details?**
(12)
2. **Qualitative and detailed description of the life cycle in reserve estimation and uncertainty and explain the reserve estimation methods?**
(10)
3. **Qualitative description of the Field life cycle (Initial Plan of Annual Recovery) from discovery to the abandonment?**
(8)
4. **Reservoir Management data; during exploration, appraisal and development?**
(6)
5. **How to maximize and improve reservoir recovery factor?**
(8)
6. **Explain in detail how to build a model for the simulation studies, production forecast and scenarios testing.**
(8)
7. **In terms of reservoir management how to deal with:**
 - a. **Secondary and enhanced oil recovery and**
 - b. **HSE (Health, Safety and Environment).**
(8)