


تمويز با

	TANTA UNIVERSITY FACULTY OF SCIENCE DEPARTMENT OF GEOLOGY			
	EXAMINATION FOR GEOPHYSICS STUDENTS (FOURTH LEVEL)			
	COURSE TITLE:	PETROLEUM GEOLOGY- 2		PAPER NO. GE 4209
DATE:	JUN, 2015	TERM: SECOND	TOTAL ASSESSMENT MARKS: 100	TIME : 2 HOURS

**PETROLEUM GEOLOGY- 2**  
**(120 Minutes, Total Marks 100)**

**Answer the following questions :**

(Sketch maps and diagrams should be drawn whenever possible)

**1-Give reasons:**

**(30 Marks)**

- a- Some traps are free from oil.
- b- Sulfer is formed in the cap rocks of salt domes.
- c- Variance in the position of the pool of fold traps with depth.

**2- Write on the following subjects:**

**(40 Marks)**

- a- Hydrodynamic traps.
- b- Diapiric traps.
- c- Secondary stratigraphic traps.
- d- Fault traps.


**3- Discuss the following subjects:**

**(30 Marks)**

- a- Direction and time of oil migration.
- b- Lithostatic and hydroststic pressures.
- c- Source and cap rocks in the Gulf of Suez.

EXAMINERS	PROF.DR. NADER ELGENDY	DR. SHADIA ABD ELRAHEEM
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تبروفيزيا

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تحت إشراف

TANTA UNIVERSITY  
FACULTY OF SCIENCE  
DEPARTMENT OF GEOLOGY

EXAMINATION FOR SENIORS STUDENTS OF GEOPHYSICS

COURSE TITLE: Mining Geophysics COURSE CODE: GP4206

DATE: 6 /6/ 2015 JUNE, 2015 TERM: SECOND TOTAL ASSESSMENT MARKS: 100 TIME ALLOWED: 2 HOURS

Answer the following questions:

I) Write briefly on:-

(60 marks)

- 1) Degree of breakability
- 2) Lessening of ore deposits and its significances.
- 3) Excavation types
- 4) Mining cycle
- 5) Room and pillar mining method
- 6) Underground Mining Methods

II) Compared between:-

(20 marks)

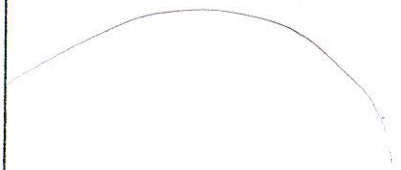
- a) Surface mining method and Underground mining method.
- b) Unsupported mining method and supported mining methods.

III) Drawn sketch of:

(20- marks)

- a) Solid mineral reserves
- b) Open-pit bench terminology

Examiners: Prof. Dr. Hassan Z. Harraz Prof. Dr. Mohamed Refaat EL Sway Soliman



محمد رفيع

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TANTA UNIVERSITY FACULTY OF SCIENCE GEOLOGY DEPARTMENT			
FINAL EXAMINATION IN GEOPHYSICS; FOURTH LEVEL STUDENTS " SPECIAL GEOPHYSICS"			
COURSE TITLE / THEORETICAL EXAMINATION ON " INTEGRATED GEOPHYSICAL METHODS " CODE /			
DATE / 5 / . 2015	SEMESTER / 2	TOTAL ASSESSMENT MARKS: 100	TIME ALLOWED / 2 HOURS

ANSWER THE FOLLOWING QUESTIONS:

MARKS

1-Write the main characteristics of the following geophysical methods;

Gravity, magnetic, seismic and electrical resistivity methods. -----40

-Write about the ground penetrating radar ( GPR) and its role in shallow

Exploration.-----30

3- Write the role of integrated geophysical methods in mineral

explorations.-----30

EXAMINOR : PROF./ MOHAMED REFAAT HAMMAD SOLIMAN

