

Tanta University

Faculty of medicine

Internal medicine department

Diploma Exam of diagnostic radiology

(Total marks: 50)

Time allowed (3 hours)

All questions must be answered:

- 1- Causes & complications of liver cirrhosis.

- 2- Clinical manifestations & diagnosis of hyperthyroidism.

- 3- Clinical manifestations & diagnosis of heart failure.

Good luck

Examination for Diploma Degree in: Radiology and medical imaging
Course Title: MED O2-A17 Path
Date:17-4-2016
Term: April 2016
Time Allowed: one hours
Total Assessment Marks: 40



Tanta University
Faculty of Medicine
Department of:
Pathology

| Questions Number | Marks |
|--|-----------|
| Q1 : Discuss the pathology of cystic lesions in the lung. | 10 |
| Q2 : Discuss the pathology and complications of thrombus formation. | 10 |
| Q3 : Give an account on the pathology of rickets. | 10 |
| Q4 : Discuss the pathology of secondary tuberculosis. | 10 |

Chairman of department
Prof Dr. Afaf Alshafey

Tanta University
Faculty of Medicine

General Surgery Exam

دبلوم الاشعة التشخيصية

17
Exam 17 April 2016
All questions to be answered

1. Discuss the clinical picture and differential diagnosis and investigations of a case of solitary thyroid nodule (10 degrees)
2. Discuss the pathophysiology, clinical picture and management of hypovolemic shock. (10 degrees)
3. Discuss early detection, risk factors and investigation for a case of cancer breast (10 degrees)
4. What is differential diagnosis of swelling in the posterior triangle of the neck. (10 degrees)
5. What is the etiology and management of a case of deep vein thrombosis. (5 degrees)

امتحان الشفوي والعملي يوم ٢٠١٦/٤/١٨ بقسم الجراحة العامة بالمستشفى التعليمي الجديد الساعة الثامنة صباحا

Chairman of Department
Prof Dr. Mohamed Ali Attia

Good luck

Tanta university
Faculty of medicine
Internal medicine department

Diploma exam Diagnostic-radiology
(Total marks: 50)
Time allowed (3 hours)

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All questions must be answered:

- 1- Causes & investigations of liver cirrhosis (20 marks)
- 2- Clinical manifestations & diagnosis of systemic lupus erythymatosus (15 marks)
- 3- Clinical picture & investigations of hypothyroidism (15 marks)

Good luck

Tanta University Hospitals
Faculty of Medicine
Diagnostic Radiology Department
19/04/2016.

Written Examination
Number of Questions:4.
Time Allowed: 3 Hours.
Total:80 Marks



Diploma Diagnostic Radiology, 1st part .April/2016.
Radio-Isotopes & Radiobiology.
All questions are to be attempted

جميع الأسئلة إجبارية

Q1-Give an account on the role of radioisotopes in evaluation of patients with myocardial infarction.

Q2-Give a short account on:

a-False +ve results of PET-CT.

b-Radio-isotopes in diagnosis of retro-sternal goiter.

Q3-Utilization of radioisotopes in diagnosis of hypersplenism.

Q4-Give an account on the followings:

a-Pulsed field gel electrophoresis.

b-Relative biological effect(RBE).

NB:The oral examination will be in Saturday,23/04/2016 in Tanta educational hospitals.

GOOD LUCK.

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Tanta University
Faculty of Medicine
Diploma: Diagnostic Radiology, 1st
Part
14 APRRIL 2016

Radiation Physics

Time 3H

Examiner: Prof.Dr. Galal Zedan Farag
Faculty of Science /Physics Department

Answer the following Questions:

1-Explain:

- (a) The component of PET scanner. (8 M.)
(b) The different between MRI, and MRS. (12 M.)

2- Discuss:

- (a) The Doppler Effect and the applications of Ultra-Sound in diagnostics, and therapy. (8 M)
(b) Lethal, Effective dose, and Quality factor. (12 M.)

3-Compare between CT, and MRI.

(20M.)

4-Discuss:

- (a) The methods of radiation protection. (10M.)
(b) The pollution with radioactive materials. (10M.)

تنبیه هام: الرجاء التوجه بعد الاختبار مباشرة إلى قسم الأشعة
بالعيادة الشاملة لإجراء الاختبار الشفوي
والله ولي التوفيق. (20M.)

Tanta University
Faculty of Medicine

General Surgery Exam

دبلوم الأشعة تشخيصية

Exam 6 April 2016
All questions to be answered

1. What is the differential diagnosis of a case of solitary thyroid nodule?
(10 degrees)
2. What are the radiological investigations required and the different radiological signs of a case of cancer breast
(10 degrees)
3. What are the precautions for prevention of the complications of blood transfusion
(10 degrees)

امتحان الشفوي والعملي يوم ٢٠١٥/٤/١٦ بقسم الجراحة العامة بالمستشفى التعليمي الجديد الساعة الثامنة صباحا

Chairman of Department
Prof Dr. Mohamed Ali Attia

Good luck

Examination for Diplome Degree in: radiodiagnosis
Course Title: **RAD 7003**
Date:6-4-2016
Term: April 2016
Time Allowed:3 hours
Total Assessment Marks: 90



Tanta University
Faculty of Medicine
Department of:
Pathology

| Questions Number | Marks |
|---|-----------------|
| Q1: Discuss the pathology of bone tumours | 15 marks |
| Q2 :Discuss the causes of acute intestinal obstruction | 15 marks |
| Q3 : Give an account on differential diagnosis of retroperitoneal mass | 15 marks |
| Q4 : Discuss the differential diagnosis of hepatic cystic lesions | 15 marks |
| Q5: Discuss paraneoplastic syndrome | 15 marks |
| Q6: what are the effects of the total body irradiation | 15 marks |

Chairman of department
Prof Dr. Afaf Alshafey

Tanta university
Faculty of medicine
Internal medicine department

Diploma exam Diagnostic-radiology
(Total marks: 50)
Time allowed (3 hours)

All questions must be answered:

- 1- Causes & investigations of liver cirrhosis (20 marks)
- 2- Clinical manifestations & diagnosis of systemic lupus erythematosus (15 marks)
- 3- Clinical picture & investigations of hypothyroidism (15 marks)

Good luck

Tanta University- Faculty of Medicine
Department of Diagnostic Radiology & Medical Imaging
Written Examination
Total Marks : 80 Marks
10/4/2016



Diploma Diagnostic Radiology, 1st part
Technology & Radiological Anatomy

All questions are to be answered (10 Marks for each)

- 1- Oblique plain x-ray positions used for examination of the cervical spine
- 2- Plain x-ray positions used for examination of the sacroiliac joints
- 3- Plain x-ray positions used for examination of the lung apex
- 4- Discuss the technique of ascending urethrography
- 5- Indications & contrast media used in hysterosalpingography
- 6- Radiological anatomy of the thyroid glands
- 7- Radiological anatomy of the lower limb arterial system
- 8- Types & complications of contrast media used in urologic radiology

امتحان الشفوى و الـ Spots التاسعة صباحا بقسم الأشعة - العيادة الشاملة

السبت ٢٠١٦/٤/٣٠

Good Luck,

Tanta University- Faculty of Medicine

Department of Diagnostic Radiology & Medical Imaging
Written Examination
Total Marks : 120 Marks
10/4/2016



1st Paper

Diploma Diagnostic Radiology, 2nd part

All questions are to be attempted

- 1- Imaging features of meningiomas (20 marks)
- 2- Imaging features of thyroid nodules (20 marks)
- 3- Role of plain chest radiography in emergency room in adults (20 marks)
- 4- Radiological features of double mitral lesions (20 marks)
- 5- Imaging techniques & diagnostic features of esophageal obstruction (20 marks)
- 6- MS-CT features of inflammatory colonic disease (20 marks)

امتحان الشفوى و الـ Spots التاسعة صباحا يقسم الأشعة - العيادة الشاملة بإذن الله تعالى

الخميس ٢٠١٦/٤/٢١ لطلاب الدبلوم

Good Luck,

Tanta University- Faculty of Medicine
Department of Diagnostic Radiology & Medical Imaging
Written Examination
Total Marks : 180 Marks
2/4/2016



1st Paper

Diploma Diagnostic Radiology, 2nd part

All questions are to be attempted

- 1- MRI features of congenital anomalies of the posterior cranial fossa. (30 marks)
- 2- Imaging features of the nasopharyngeal masses (30 marks)
- 3- Imaging features of coin lesions in the chest (30 marks)
- 4- CT features of congestive heart failure (30 marks)
- 5- CT features of inflammatory small bowel disease (30 marks)
- 6- Imaging features of colonic obstruction (30 marks)

امتحان الشفوي و الـ Spots التاسعة صباحا بقسم الأشعة - العيادة الشاملة باذن الله تعالى

الأحد ٢٠١٦/٤/١٠

Good Luck,

Tanta University- Faculty of Medicine
Department of Diagnostic Radiology & Medical Imaging
Written Examination
Total Marks : 90 Marks
2/4/2016



Diploma & MSc Diagnostic Radiology, 1st part
Technology & Radiological Anatomy

All questions are to be answered (10 Marks for each)

- 1- Plain x-ray positions used for examination of the sternum
- 2- Plain x-ray positions used for examination of the mandible
- 3- Plain x-ray positions used for examination of the patella
- 4- Double contrast barium enema
- 5- Discuss the techniques used in Intravenous urography
- 6- Discuss the technique used for Hepatic Triphasic CT
- 7- Segmental anatomy of the lungs
- 8- Radiological anatomy of the lower limb venous system
- 9- Technique of MRI of the knee joint

امتحان الشفوي و الـ Spots التاسعة صباحا بقسم الأشعة - العيادة الشاملة

السبت ٢٠١٦/٤/٩ لطلاب الدبلوم

الأحد ٢٠١٦/٤/١٠ لطلاب الماجستير

Good Luck,

Tanta University- Faculty of Medicine
Department of Diagnostic Radiology & Medical Imaging
Written Examination
Total Marks : 90 Marks
4/4/2016



2nd Paper

Diploma Diagnostic Radiology, 2nd part

All questions are to be attempted

- 1-Imaging modalities & diagnostic features of vesicoureteric reflux (20 marks)
- 2- Imaging features of renal osteodystrophy (20 marks)
- 3- Imaging diagnostic features of osteosarcoma (20 marks)
- 4- Ultrasound features of fetal growth retardation (20 marks)
- 5- Doppler diagnostic features of acute arterial occlusion (10 marks)

Good Luck,

Tanta University- Faculty of Medicine
Department of Diagnostic Radiology & Medical Imaging
Written Examination
Total Marks : 120 Marks
14/4/2016

Number of Questions: 6
Time Allowed: 3 Hours



2nd Paper

Diploma Diagnostic Radiology, 2nd part

All questions are to be attempted

- 1-Imaging modalities & diagnostic features for ureteric obstruction (20 marks)
- 2- Imaging features of hyperparathyroidism (20 marks)
- 3- Imaging diagnostic features of epiphyseal hip joint disease (20 marks)
- 4-Ultrasound features of molar degeneration of the placenta (20 marks)
- 5- Ultrasound diagnosis of fetal hydrocephalus (20 marks)
- 6- Ultrasound diagnosis of arterial disease in the lower limb ischaemia (20 marks)

Good Luck,