

السلام عليكم ورحمة الله وبركاته..

الامتحان كان بنك اسئلة,, يعني كل نموذج يختلف عن الاخر, لكن كان في اسئلة متكررة او متشابهة في كل النماذج ف هاد هو نمودجي يلي

اجاني, ف لو قدرت تشوف كمان نموذج من طالب سادسة غيري بيكون كويس

نصيحة// اقرأ السؤال ما تستصعبه لأنه في أسئلة هتلاقيها فعلا سهلة ومش محتاجة تضيع وقتك في البحث هان وهان..

دعواتي بالتوفيق والسداد لكم, ربنا يبسر أموركم دكاترتنا الحلوين

تحياتي / قصي سامي جبر

Fresh G. :)

Statins work by competitive inhibition of:

سؤال 1 الإجابة

- a. Cytochrome p450.
- b. reductase.
- c. Succinate Co-A dehydrogenase.
- d. 2-Peroxide dismutase.
- e. 3-hydroxymethylglutaryl coenzyme A (HMG Co-A)
- f. 21-hydroxylase.

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سؤال 2

تم حفظ الإجابة

إزالة الإشارة

نص السؤال

In a patient with liver cirrhosis which one of the listed features is characteristic of portal hypertension?

سؤال 2 الإجابة

- a. Hepatomegaly
- b. Gynaecomastia
- c. Spider telangiectases
- d. Jaundice

e.
Oesophageal varices

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سؤال 3

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

All of the following are true about [Rheumatoid Arthritis](#), except:

سؤال 3 الإجابة

- a.
HLA-DR determine genetic susceptibility
- b.
Joint deformity
- c.
HLA-B27 determine genetic susceptibility
- d.
Subcutaneous nodules
- e.

[Anemia](#)

[أخل اختياري](#)

سؤال 4

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

A 19-year-old man with asthma complains of shortness of breath and wheezing when playing sports. Otherwise he has no symptoms. What is the best preventive treatment?

سؤال 4 الإجابة

- a.
Antileukotrienes before exercise
- b.
Long-acting β agonist
- c.
Inhaled β agonist before exercise
- d.
Regular inhaled steroids

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سؤال 5

تم حفظ الإجابة

إزالة الإشارة

نص السؤال

Five months after a car accident, a patient developed lateral blindness in both of his eyes. His best corrected visual acuity was 20/40 on the right and 20/30 on the left. Careful visual field mapping revealed complete bitemporal hemianopsia. Both direct and consensual light reflexes were impaired, bilaterally. Muscle tone and reflexes were increased in his left upper

and lower limbs but were normal on the right side. Where is the most likely site of the lesion causing the visual field defect in this patient?

سؤال 5 الإجابة

- a.
Right visual cortex
- b.
Optic chiasm
- c.
Right optic tract
- d.
Right temporal lobe
- e.
Midbrain

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سؤال 6

تم حفظ الإجابة

علّم هذا السؤال

نص السؤال

Which one of the following is most consistent with a diagnosis of asthma?

سؤال 6 الإجابة

- a.
Reduced FVC and increased FEV1 /FVC ratio
- b.
Reduced FEV1 and reduced FEV1 /FVC ratio
- c.
Reduced FEV1 and increased FEV1 /FVC ratio
- d.
Reduced FEV1 and normal FEV1 /FVC ratio
- e.
Reduced FVC and normal FEV1 /FVC ratio

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سؤال 7

تم حفظ الإجابة

علّم هذا السؤال

نص السؤال

Hypercalcemia is caused by all except:

سؤال 7 الإجابة

- a.
Vit. D intoxication
- b.
Furosemide
- c.
Thiazide
- d.
Thyrotoxicosis
- e.

Sarcoidosis

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سؤال 8

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

A 14-year-old boy is admitted after developing a haemarthrosis in his right knee whilst playing in the garden. The following blood results are obtained: Platelets = $220 \times 10^9/l$ - PT = 12 secs - APTT = 78 secs - Factor VIIIc activity = Normal. What is the most likely diagnosis?

سؤال 8 الإجابة

- a. Antithrombin III deficiency
- b. Hemophilia A
- c. Antiphospholipid syndrome
- d. Von Willebrand's disease
- e. Hemophilia B

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سؤال 9

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

A 60-year-old man with a history of hypertension presents with chest pain and palpitations that started shortly after an encounter with a would-be assailant. The patient denies ever having had symptoms in the past. Physical examination shows an anxious male with a rapid and irregular pulse. The rest of his physical examination is unremarkable. An EKG shows atrial fibrillation with a rate in the 16. He is diagnosed with new-onset atrial fibrillation and is started on heparin. Shortly after that, he is electrically cardioverted into sinus rhythm. What would be the most effective medication at this time?

سؤال 9 الإجابة

- a. Metoprolol
- b. Amiodarone
- c. Quinidine
- d. Digoxin
- e. Verapamil

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سؤال 10

تم حفظ الإجابة

نص السؤال

Ten individuals are admitted to casualty with profuse vomiting after attending a retirement dinner in a Chinese restaurant. They all ate at roughly 7 pm and became ill at roughly midnight. Nine ate a mixture of dishes except one female who ate vegetarian dishes with her rice. What is the most likely infective organism?

سؤال 10 الإجابة

- a.
E.Coli
- b.
Clostridium perfringens
- c.
Salmonella enteritidis
- d.
Bacillus cereus
- e.
Staphylococcus aureus

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11 سؤال

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

A 24-year-old man with a known history of asthma presents with worsening symptoms. His vital signs are stable, but you hear diffuse wheezing on auscultation. Which of the following would be the most appropriate next step in management?

سؤال 11 الإجابة

- a.
Prescribe a long-acting beta-agonist
- b.
Refer for pulmonary function testing
- c.
Administer oral corticosteroid
- d.
Administer a short-acting beta-agonist
- e.
Administer inhaled corticosteroid

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12 سؤال

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

A 63 year old patient with known alcohol related cirrhosis presented with ascites, abdominal tenderness and peripheral oedema. A diagnostic tap revealed a neutrophil count of 400/mm³. Which of the following would be of most immediate benefit?

سؤال 12 الإجابة

- a. Therapeutic paracentesis
- b. Fluid restriction and a no added salt diet
- c. Oral spironolactone
- d. Trans-jugular intrahepatic porto-systemic shunt
- e. Intravenous antibiotics

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سؤال 13

تم حفظ الإجابة

إزالة الإشارة

نص السؤال

A 44-year-old female with a history of Raynaud's phenomenon is reviewed in the rheumatology clinic. She is currently being investigated for dysphagia. On examination she is noted to have tight, shiny skin over her fingers. Which one of the following complications is she most likely to develop?

سؤال 13 الإجابة

- a. Erythema nodosum
- b. Early onset dementia
- c. Constrictive pericarditis
- d. Erosive joint disease
- e. Malabsorption

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سؤال 14

تم حفظ الإجابة

عَلِّم هذا السؤال

نص السؤال

Currently, which one of the following is the best screening test for hereditary hemochromatosis?

سؤال 14 الإجابة

- a. HFE gene testing
- b. Serum iron
- c. Serum ALT (SGPT)
- d.

Serum transferrin saturation

e.

Serum alkaline phosphatase

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15 سؤال

تم حفظ الإجابة

إزالة الإشارة

نص السؤال

A 35-year-old man has undertaken a strict fad diet for 3 months. He previously had been healthy but now complains of fatigue. His hemoglobin level is 10 g/dL, and his MCV is 105 fL. Which of the following is the most likely etiology of his [anemia](#)?

سؤال 15 الإجابة

a.

Vitamin B12 deficiency

b.

Iron deficiency

c.

Thalassemia

d.

Sideroblastic [anemia](#)

e.

Folate deficiency

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16 سؤال

تم حفظ الإجابة

علّم هذا السؤال

نص السؤال

A 56-year-old woman who presented with complaints of pruritus and fatigue has elevated alkaline phosphatase. Select the cause that is probably responsible for the patient's presentation.

سؤال 16 الإجابة

a.

Autoimmune hepatitis

b.

Wilson disease

c.

Hematochromatosis

d.

Primary biliary cirrhosis

e.

Sclerosing cholangitis

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17 سؤال

تم حفظ الإجابة

إزالة الإشارة

نص السؤال

A 35-year-old woman is referred to hospital. As part of a liver screen, the following results are obtained: Anti-HBs Negative, Anti-HBc Positive, HBs Antigen Positive, IgM anti-HBc Negative. What is the patient's hepatitis B status ?

سؤال 17 الإجابة

- a.
Previous immunization to hepatitis B
- b.
Probable hepatitis D infection
- c.
Previous hepatitis B infection, not a carrier
- d.
Acute hepatitis B infection
- e.
Chronic hepatitis B

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18 سؤال

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

A 45-year-old woman complains of nervousness, palpitations, and a 10-pound weight loss. Her thyroid gland is enlarged twofold, and her heart rate is 108 bpm. Free T4 is 3.6 ng/dL (high), and TSH is undetectable. You recommend radioiodine therapy, and the patient asks you about possible complications. What is the most common complication of radioiodine therapy?

سؤال 18 الإجابة

- a.
Subacute thyroiditis
- b.
Thyroid cancer
- c.
Leukemia
- d.
Hypothyroidism
- e.
Thyroid storm

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19 سؤال

تم حفظ الإجابة

إزالة الإشارة

نص السؤال

A 32-year-old female presents with breathlessness and is diagnosed with Pneumocystis carinii pneumonia. A HIV test returns positive. Which laboratory test is useful for prognostic purposes in new diagnoses of HIV?

سؤال 19 الإجابة

- a.

HIV plasma RNA

b.

HIV p24 antigen

c.

HIV viral load

d.

HIV envelope antibody

e.

CD4 count

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20 سؤال

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

Causes of dullness over Kronig's isthmus are the following EXCEPT

سؤال 20 الإجابة

a.

Apical pleural fibrosis

b.

Pleural effusion

c.

Apical Consolidation

d.

Pancoast Tumor

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21 سؤال

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

All the following may be found in Intravascular hemolysis Except:

سؤال 21 الإجابة

a.

Increased unconjugated bilirubin

b.

Increased haptoglobin

c.

Increased methemalbumin

d.

Reticulocytosis

e.

Hemoglobinurea

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22 سؤال

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

A 25-year-old man presents with back pain. Which one of the following may suggest a diagnosis of ankylosing spondylitis?

سؤال 22 الإجابة

- a.
Improves with rest
- b.
Rapid onset
- c.
Bone tenderness
- d.
Pain at night
- e.
Gets worse following exercise

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سؤال 23

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

An asymptomatic 32-year-old African-Canadian female presents with a hemoglobin concentration of 102 g/L and a mean corpuscular volume (MCV) of 68 μm^3 . Iron studies are normal. In which one of the following would a normal pattern on hemoglobin electrophoresis be expected?

سؤال 23 الإجابة

- a.
Hemoglobin SC disease
- b.
Alpha-Thalassemia minor (trait)
- c.
 β -Thalassemia major
- d.
 β -Thalassemia minor (trait)
- e.
Hemoglobin H disease

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سؤال 24

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

A 35-year-old man complains of chest pain, which began following the use of cocaine 30 minutes prior to arrival. The patient describes severe substernal chest pressure, radiating to the left arm and jaw. It is associated with shortness of breath. Initial vital signs: temperature 100.4°F, heart rate 120/min, respiratory rate 20/min, blood pressure 185/100 mm Hg, pulse oximetry 98% on room air. An ECG is consistent with acute myocardial infarction. A drug which is contraindicated is:

سؤال 24 الإجابة

- a. Aspirin.
 - b. Bisoprolol.
 - c. Oxygen.
 - d. Lorazepam.
 - e. Morphine
- [أخِل اختياري](#)

سؤال 25

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

The most common cause of diabetic ketoacidosis is:

سؤال 25 الإجابة

- a. Emotional stress
- b. Increased physical exercise
- c. Presence of infection
- d. Inadequate food intake
- e. Increased insulin dose

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سؤال 26

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

Regarding hypokalemia, all the following statements are true, except:

سؤال 26 الإجابة

- a. Hypokalemia causes acidosis.
- b. Severe diarrhea may cause Hypokalemia.
- c. Serum potassium of 2.5 mmol/L is Hypokalemia
- d. Hypokalemia causes paralytic ileus
- e. Hypokalemia causes muscle weakness.

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سؤال 27

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

A 24-year-old man who has a sister with adult polycystic kidney disease asks his GP if he could be screened for the disease. What is the most appropriate screening test?

سؤال 27 الإجابة

a.

Anti-polycystin 1 antibodies levels

b.

CT abdomen

c.

Urine microscopy

d.

Ultrasound abdomen

e.

PKD1 gene testing

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28 سؤال

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

A 69-year-old man with type II diabetes mellitus is brought to hospital with confusion, drowsiness and aggressive behaviour. He lives with his daughter who noticed that he had become 'not himself' and had checked his blood sugar, finding it to be 2.3mmol/L. Which of the following are NOT associated with hypoglycaemic states?

سؤال 28 الإجابة

a.

Cushing's disease

b.

Insulinoma.

c.

Addison's disease.

d.

Liver failure.

e.

Gliclazide.

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29 سؤال

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

Each of the following is a correct statement about COPD, except:

سؤال 29 الإجابة

a.

Smoking cessation is the single most effective therapy for the majority of COPD patients

b.

The type of emphysema associated with smoking is usually centriacinar

c.

Long-term oxygen therapy improves survival in hypoxemic patients with COPD

d.

Clubbing is a typical clinical feature of COPD

e.

Inhaled corticosteroids are not recommended as monotherapy for COPD

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30 سؤال

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

A 53-year-old woman with [rheumatoid arthritis](#) was referred with iron deficiency anaemia. Endoscopy revealed several superficial antral erosions, with small bowel biopsy showing mild villous blunting, occasional eosinophils and mild increase in chronic inflammatory cells. Colonoscopy was reported as normal. What is the most likely cause of these findings?

سؤال 30 الإجابة

a.

Whipple's disease

b.

NSAIDs therapy

c.

Small bowel lymphoma

d.

Coeliac disease

e.

Crohn's disease

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31 سؤال

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

A 60-year-old woman presents with a tremor. Which one of the following features would suggest a diagnosis of essential tremor rather than Parkinson's disease?

سؤال 31 الإجابة

a.

Unilateral symptoms

b.

Tremor is worse following alcohol

c.

Tremor is worse when the arms are outstretched

d.

Postural instability

e.

Difficulty in initiating movement

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سؤال 32

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

Which of the following is Not a feature of upper motor neuron lesion in the lower limb?

سؤال 32 الإجابة

a.

Flexor planter reflex

b.

Exaggerated deep reflexes

c.

Clasp knife spasticity

d.

Hypertonia affecting the antigravity muscle than the progravity muscles

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سؤال 33

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

A 34-year-old black female has had frequent asthma exacerbations for the past several months. She uses her albuterol (Proventil, Ventolin) inhaler 4 times per week with a good response. Which one of the following is preferred for the prevention Of future asthma exacerbation?

سؤال 33 الإجابة

a.

Theophylline

b.

No additional therapy

c.

Long-acting β_2 -agonists

d.

Leukotriene modifiers

e.

Inhaled corticosteroids

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سؤال 34

تم حفظ الإجابة

إزالة الإشارة

نص السؤال

Criteria of splenic enlargement include all the following EXCEPT:

سؤال 34 الإجابة

a.

You can insinuate your hand below the costal margin to reach the upper border

b.

A palpable notch felt on the medial surface

c.

Dullness is continuous with dullness behind the midaxillary line from 9th to 11th rib

d.

The spleen most often enlarges downwards and medially towards to the right iliac fossa

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سؤال 35

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

What is the most common source of infection in cases of sepsis?

سؤال 35 الإجابة

a.

Gastrointestinal

b.

Musculoskeletal

c.

Respiratory

d.

Genitourinary

e.

Skin

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سؤال 36

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

A 48-year-old auto mechanic presents to the clinic with complaints of many years of "pins and needles" in his left hand that initially occurred only while working but have worsened substantially. He claims the pain wakes him almost every night. On examination, marked weakness and wasting of the left hand muscles are evident. What is the patient's most likely diagnosis?

سؤال 36 الإجابة

a.

Myasthenia gravis

b.

Amyotrophic lateral sclerosis

c.

Multiple sclerosis

d.

Angina

e.

Carpal tunnel syndrome

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سؤال 37

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

Statin therapy is the mainstay of treatment for patients with familial (homozygous or heterozygous) hypercholesterolaemia, with mixed dyslipidaemias. Which one of the following biological changes is associated with use of statin therapy?

سؤال 37 الإجابة

- a. Reduction in HDL cholesterol
- b. Up-regulation of PCSK9 expression
- c. Impaired endothelial function
- d. Down-regulation of LDL receptors
- e. Increase in LDL cholesterol

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سؤال 38

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

What drug therapy should be utilized in an acute attack of gout?

سؤال 38 الإجابة

- a. Allopurinol
- b. Colchicine
- c. IV steroids
- d. Sulfipyrazone
- e. Diclofenac

[أخِل اختياري](#)

سؤال 39

تم حفظ الإجابة

إزالة الإشارة

نص السؤال

Which one of the following is least recognised as a risk factor for developing osteoporosis?

سؤال 39 الإجابة

- a. Cushing's syndrome

- b. Hypothyroidism
- c. Turner's syndrome
- d. Diabetes mellitus
- e. Hyperparathyroidism

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سؤال 40

تم حفظ الإجابة

علّم هذا السؤال

نص السؤال

A 31-year-old female is referred from occupational health. A chronic infective carrier state may occur in which viral infection?

سؤال 40 الإجابة

- a. Hepatitis E virus
- b. Hepatitis A virus
- c. Hanta virus
- d. Hepatitis C virus
- e. Nipah virus

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سؤال 41

تم حفظ الإجابة

علّم هذا السؤال

نص السؤال

Which one of the following should be the initial therapy for COPD

سؤال 41 الإجابة

- a. Theophylline.
- b. Cromolyn
- c. Salmeterol inhalation
- d. Ipratropium inhalation
- e. Prednisone.

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سؤال 42

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

A 60-year-old male with a right-sided pleural effusion undergoes thoracentesis. Analysis of the pleural fluid reveals a protein level of 2.0 g/dL and an LDH level of 70 U/L. His serum protein level is 7.0 g/dL (N 6.0-8.3) and his serum LDH level is 200 U/L (N 100-105). Based on these findings, which one of the following is the most likely diagnosis?

سؤال 42 الإجابة

- a. Malignancy
- b. Bacterial pneumonia
- c. Heart failure
- d. Pulmonary embolism
- e. Tuberculous pleurisy

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43 سؤال

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

Which of the following is most strongly associated with primary biliary cirrhosis?

سؤال 43 الإجابة

- a. Systemic sclerosis
- b. Sjogren's syndrome
- c. Thyroid disease
- d. SLE
- e. Rheumatoid arthritis

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44 سؤال

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

Which one of the following is associated with an increased risk of developing Alzheimer's disease?

سؤال 44 الإجابة

- a. Elevated serum alpha-tocopherol

- b.
A positive homozygous genotype for apolipoprotein E4
- c.
Decreased serum Beta-carotene
- d.
A low-fiber diet
- e.
Elevated serum aluminum

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سؤال 45

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

Which one of the following is least recognised in polyarteritis nodosa?

سؤال 45 الإجابة

- a.
Hypertension
- b.
Pyrexia
- c.
Mononeuritis multiplex
- d.
Cytoplasmic-antineutrophil cytoplasmic antibodies
- e.
Renal failure

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سؤال 46

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

Majority of blood flow through coronary arteries is during ?

سؤال 46 الإجابة

- a.
Presystole
- b.
Prediastole
- c.
Systole
- d.
Diastole

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سؤال 47

تم حفظ الإجابة

إزالة الإشارة

نص السؤال

An obese 47 year old presents with asymptomatic jaundice. Examination of her abdomen reveals a palpable gall bladder. There's extensive pruritis. Her blood results are as follows : Albumin 32 - Alk Phos 456 (<110) - ALT 88 (<40) - Bilirubin 120(<20) - INR 1.6 - GGT 400 (0-70) >> What's the most likely diagnosis?

سؤال 47 الإجابة

- a. Gallstones
- b. Primary billiary cirrhosis
- c. Alcoholic Hepatitis
- d. Paracetamol Overdose
- e. Pancreatic cancer

[أخلى اختياري](#)

سؤال 48

تم حفظ الإجابة

علّم هذا السؤال

نص السؤال

A drug of choice for primary prevention of variceal bleeding is:

سؤال 48 الإجابة

- a. Lactulose
- b. pindolol
- c. Nadolol
- d. Spironolactone
- e. Isosorbide dinitrate

[أخلى اختياري](#)

سؤال 49

تم حفظ الإجابة

إزالة الإشارة

نص السؤال

A 55-year-old man with a history of alcoholism complains of more than a month of malaise, low-grade fever, and a productive cough with greenish sputum tinged with blood. Examination shows periodontal disease with bad breath and clubbing of fingers. On chest x-ray, there is a 2 cm cavity with an air-fluid level in the posterior segment of the right upper lobe. Sputum smear shows many neutrophils and a variety of bacteria. Appropriate treatment includes:

سؤال 49 الإجابة

- a.

Isolate the patient and initiate a four-drug antituberculosis treatment.

b.

Start administration of methicillin and tobramycin

c.

Start intravenous clindamycin.

d.

Schedule a bronchoscopy for the next day.

e.

Refer the patient to a dentist for periodontal care.

[أدخل اختياري](#)

50 سؤال

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

A 31-year-old male presents to your office reporting that he has the onset of a severe, unilateral headache that has been intermittent for one week, usually occurring at night after he goes to sleep. The pain awakens him and forces him to "pace the floor." He has also been experiencing a "runny nose and runny eye" with this. Past medical history is otherwise unremarkable. He is taking no medications. His family history is hypertension in both parents. He denies tobacco or drug use, but drinks two to three beers on weekend nights. His physical exam is normal. What is the likely diagnosis?

سؤال 50 الإجابة

a.

Cluster headache

b.

Tension headache

c.

Trigeminal neuralgia

d.

Migraine without aura

e.

Subarachnoid hemorrhage

[أدخل اختياري](#)

51 سؤال

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

A 40-year-old woman with a past medical history of IBS and infertility is evaluated for persistently abnormal liver tests. Routine blood testing 3 months ago revealed AST 83 IU/L and ALT 64 IU/L, with normal bilirubin, alkaline phosphatase, albumin, and INR. Hepatitis A, B, and C serologies were negative. She was not on any medications or herbal supplements. Repeat blood testing now confirms the persistently abnormal liver tests and reveals iron-deficiency [anemia](#). What is the most appropriate next step?

سؤال 51 الإجابة

a.

Percutaneous liver biopsy

- b. No further testing
- c. AMA
- d. CT abdomen and pelvis
- e. Total serum IgA and serum IgA tTG

[أخلى اختياري](#)

سؤال 52

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

Which one of the following is most likely to be of benefit in patients with essential tremor of the hand?

سؤال 52 الإجابة

- a. Gabapentin
- b. Clonidine
- c. Isoniazid
- d. Diazepam
- e. Primidone

[أخلى اختياري](#)

سؤال 53

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

A 35 -year-old woman 'presents with recurrent peptic ulceration. She is on a proton pump inhibitor previously received Helicobacter pylori eradication therapy three months ago. Which of the following is likely to be raised on venous blood testing?

سؤال 53 الإجابة

- a. Cholecystokinin
- b. Histamine
- c. Gastrin
- d. Pancreozymin
- e. Secretin

[أخلى اختياري](#)

سؤال 54

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

A 44-year-old farmer presents with headache, fever and muscle aches. He initially thought he had a bad cold but his symptoms have got progressively worse over the past week. During the review of systems he reports nausea and a decreased urine output. On examination his temperature is 38.2°C, pulse 102 / min and his chest is clear. Subconjunctival haemorrhages are noted but there is no evidence of jaundice. What is the most likely diagnosis?

سؤال 54 الإجابة

- a.
- D - Listeria
- b.
- Leptospirosis
- c.
- Mycoplasma pneumonia
- d.
- Legionella pneumonia
- e.
- Lyme disease

[أخِل اختياري](#)

سؤال 55

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

A 22yo man has a reduced conscious level and a fixed dilated pupil after being involved in a MVC. Choose the single most appropriate option?

سؤال 55 الإجابة

- a.
- Oculomotor nerve
- b.
- Facial nerve
- c.
- Trigeminal nerve
- d.
- Optic nerve
- e.
- Olfactory nerve

[أخِل اختياري](#)

سؤال 56

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

All the following are causes of WORM autoimmune hemolytic [anemia](#) Except:

سؤال 56 الإجابة

a.

Non-Hodgkins lymphoma

b.

[SLE](#)

c.

Chronic lymphocytic leukemia

d.

Methyldopa

e.

Infectious mononucleosis

[أخلى اختياري](#)

سؤال 57

تم حفظ الإجابة

إزالة الإشارة

نص السؤال

A 40-year-old woman is brought to the emergency department with complaints of severe weakness, back pain, and anorexia for the past 3 days. She has a history of a well-controlled connective tissue disease. Physical examination is remarkable for dry oral mucosa and decreased muscular strength, symmetrically. She has a history of coronary artery disease and does not know which medications she takes. The following lab values are obtained: White cell count 14,000/mm³; hematocrit 36%; sodium 134 mEq/L; potassium 3.0 mEq/L; chloride mEq/L 118; bicarbonate 15 mEq/L; BUN 42 mg/dL; creatinine 1.9 mg/dL; glucose 100 mg/dL. Arterial blood gas on room air pH 7.30; PCO₂ 29 mm/Hg; HCO₃ 12 mm Hg; PO₂ 70 mm Hg. Urinalysis—specific gravity 1.030; pH 6.5; protein 1+; red cells 10–20/hpf. Which of the following would be the most appropriate test?

سؤال 57 الإجابة

a.

Spiral CT scan of abdomen

b.

Fludrocortisone stimulation test

c.

Urine electrolytes

d.

Serum osmolarity

e.

Urine osmolarity

[أخلى اختياري](#)

سؤال 58

تم حفظ الإجابة

علّم هذا السؤال

نص السؤال

A 25-year-old female complains of chest pain. She is known to have a history of [SLE](#). Examination reveals no abnormality. There is evidence of diffuse ST elevation on an ECG. What do you think is the likely cause of her chest pain?

سؤال 58 الإجابة

- a.
Libman
- b.
Myocarditis
- c.
Pericarditis
- d.
Cardiac Tamponade
- e.
STEMI

[أخِل اختياري](#)

سؤال 59

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

Which of the following confirmed values meet the diagnostic threshold for diabetes mellitus?

سؤال 59 الإجابة

- a.
HBA1C 6.3%
- b.
Fasting blood glucose 100 mg/dl
- c.
All the above
- d.
Fasting blood glucose 129 mg/dl

[أخِل اختياري](#)

سؤال 60

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

Normal individuals excrete what amount of albumin in urine ?

سؤال 60 الإجابة

- a.
< 100 mg / day
- b.
< 300 mg / day
- c.
< 200 mg / day
- d.
< 30 mg / day

[أخِل اختياري](#)

سؤال 61

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

A 65-year-old man is admitted with fever and dyspnea. A chest X-ray shows extensive shadowing in the right lower zone. Which of the following is associated with a poor prognosis in patients with community acquired pneumonia?

سؤال 61 الإجابة

a.

Urea 12 mmol/l

b.

Diastolic pressure of 65 mmHg

c.

Na⁺ 131 mmol/l

d.

WBCs 27*10⁹/l

e.

Respiratory rate 25/min

[أخلى اختياري](#)

62 سؤال

تم حفظ الإجابة

علّم هذا السؤال

نص السؤال

A 36-year-old female presents with the sudden onset of severe headache, nausea, and photophobia. Her level of consciousness is progressively diminishing. Which one of the following would be the most appropriate next step?

سؤال 62 الإجابة

a.

Head CT without contrast

b.

Head MRI

c.

CT angiography

d.

Lumbar puncture

e.

Head CT with contrast

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63 سؤال

تم حفظ الإجابة

علّم هذا السؤال

نص السؤال

A 28-year-old man is found in the sea by the emergency services. he is alert but confused. His core temperature is below 33°C. ECG changes that may occur include which one of the following?

سؤال 63 الإجابة

a.

Narrowed QRS complex

b.

Shortened QT interval

c.

Prolonged PR interval

d.

inverted T wave at the junction of the QRS & T wave

e.

Atrial flutter

[أخل اختياري](#)

سؤال 64

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

All the following cause chest pain EXCEPT:

سؤال 64 الإجابة

a.

Dry pleurisy.

b.

Pneumothorax.

c.

Bronchial asthma.

d.

Pleural tumor

e.

Herpes zoster.

[أخل اختياري](#)

سؤال 65

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

65-year-old man with a history of chronic AF presents to ER with acute memory impairment (recent amnesia), confusion, and impaired vision. Physical examination confirms the confusion state and right homonymous hemianopsia. No paresis was noted. The current status is most probably related to the occlusion of:

سؤال 65 الإجابة

a.

Left common carotid artery

b.

Basilar artery

c.

Left middle cerebral artery (posterior branch)

d.

Right vertebral artery

e.

Left posterior cerebral artery

[أخل اختياري](#)

سؤال 66

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

A blood film is performed on a patient with a haemoglobin of 10. The film shows multiple circulating blast cells. The most likely diagnosis is?

سؤال 66 الإجابة

- a. Leukaemia
- b. Hypersplenism
- c. Lymphoma
- d. Iron deficiency anaemia
- e. Hereditary Spherocytosis

[أخلى اختياري](#)

67 سؤال

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

Which of the following findings is goes against immune thrombocytopaenic purpura?

سؤال 67 الإجابة

- a. Low platelet count
- b. Positive ANA (anti nuclear antibody)
- c. Palpable spleen
- d. Epistaxis
- e. Recent infection

[أخلى اختياري](#)

68 سؤال

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

A 53-year-old male accountant comes to your office with progressive facial weakness on the left side that began yesterday. He also reports pain behind the left ear and decreased lacrimation from the left eye. He has been in good health and had his yearly physical examination 1 week ago, which was normal. His lipid levels, chemistry profile, and CBC were all normal. He has not been involved in any outdoor activities, nor does he engage in any high-risk sexual behavior. On examination, there is flattening of the left nasolabial fold and decreased ability to close the left eye. The mouth appears to be drawn to the right. The

remainder of his general examination and neurologic examination are normal. Which one of the following would be the most appropriate management at this time?

سؤال 68 الإجابة

- a.
MRI with gadolinium enhancement
- b.
Aspirin and observation
- c.
Carotid ultrasonography
- d.
Prednisone and valacyclovir (Valtrex)
- e.
High-resolution CT

[أخِل اختياري](#)

سؤال 69

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

A 35-year-old male presents with a persistent cough, shortness of breath and fatigue. His chest X-ray shows diffuse infiltrates and his blood test results show a positive anti-neutrophil cytoplasmic antibody (ANCA). What is the most likely diagnosis?

سؤال 69 الإجابة

- a.
Granulomatosis with polyangiitis
- b.
Pneumonia
- c.
Asthma
- d.
Sarcoidosis
- e.
Bronchitis

[أخِل اختياري](#)

سؤال 70

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

A 14-year-old boy presented with an 18-month history of intermittent, painless haematuria, usually occurring after strenuous exercise, but without dysuria or increased frequency of micturition. He also had frequent colds and sore throats and believed that the haematuria also happened at these times. On examination, he appeared fit and healthy; his blood pressure was 120/75. Urine analysis showed microscopic haematuria (3+) and a trace of protein. His haemoglobin, white cell count, blood urea and creatinine clearance, C4 and C3 levels were normal; the urinary protein excretion was 0.95g/day. A renal biopsy was performed. Showed increase in mesangial cells with thickening of the matrix. What is the prognosis of his haematuria?

سؤال 70 الإجابة

a.

He is at low risk of progression to end stage renal failure.

b.

He is at high risk for progression to end stage renal failure.

c.

Rapid progression to end stage renal disease within days.

d.

Complete recovery with no long term sequela.

[أخِل اختياري](#)

71 سؤال

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

A 24-year-old woman with a seizure disorder treated with phenytoin is noted to have the following findings at 15 weeks of pregnancy: Hemoglobin (Hgb) 93 g/L (Normal 123-157 g/L) - Hematocrit (HCT) 29% (Normal 37-46%) - Mean corpuscular volume (MCV) 105 fL (Normal 80-100) , Which one of the following is the most likely cause for these findings?

سؤال 71 الإجابة

a.

Folate deficiency

b.

Physiologic [anemia](#)

c.

Sickle cell trait

d.

Thalassemia

e.

Iron deficiency

[أخِل اختياري](#)

72 سؤال

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

An 8 1-year-old female presents with bilaterally painful knees. There was no history of gastrointestinal diseases. On examination she had crepitus but had a full range of movement of both knees. Which one of the following is the most appropriate initial treatment?

سؤال 72 الإجابة

a.

Topical Diclofenac

b.

Celecoxib

c.

Naproxen

d.

Dihydrocodeine

e.
Paracetamol

[أدخل اختياري](#)

سؤال 73

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

Dapagliflozin is a sodium-glucose co-transporter 2 (SGLT2) inhibitors, which has been approved by NICE to be used as second-line agent with metformin in patients with type 2 DM. Which one of the following is a contraindication for use of dapagliflozin therapy?

سؤال 73 الإجابة

- a.
Cranial diabetes insipidus
- b.
Combination with GLP-1 analogue
- c.
Combination with thiazides
- d.
Combination with insulin
- e.
eGFR < 60 mL/minute/1.73 m²

[أدخل اختياري](#)

سؤال 74

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

All of the following micro organisms can cause infectious diarrhea with positive fecal leucocytes except:

سؤال 74 الإجابة

- a.
Campylobacter
- b.
Salmonella
- c.
Shigella
- d.
Giardia
- e.
Yersinia

[أدخل اختياري](#)

سؤال 75

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

In stage 5 chronic kidney disease the glomerular filtration rate is below:

سؤال 75 الإجابة

- a. 15 ml/min per 1.73 m²
- b. 50 ml/min per 1.73 m²
- c. 25 ml/min per 1.73 m²
- d. 0 ml/min per 1.73 m² (anuria)
- e. 5 ml/min per 1.73 m²

[أخلى اختياري](#)

سؤال 76

تم حفظ الإجابة

علّم هذا السؤال

نص السؤال

In ASD the second heart sound is best described by the following :

سؤال 76 الإجابة

- a. Paradoxical splitting
- b. Splitted and moves with respiration
- c. Increase in the intensity of the heart sound
- d. Decrease in the intensity of the second heart sound
- e. Splitted and fixed during respiration

[أخلى اختياري](#)

سؤال 77

تم حفظ الإجابة

علّم هذا السؤال

نص السؤال

A patient with history of occupational exposure (worked in a silica mine) 20 years back, now presents with 6 month history of cough and weight loss. CXR shows infiltrates and fibrosis in the upper lobes. What is the most likely diagnosis?

سؤال 77 الإجابة

- a. Tuberculosis
- b. Pneumonia
- c. Mesothelioma
- d. Rapidly progressive silicosis

[أخلى اختياري](#)

سؤال 78

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

In the diagnosis of rheumatic fever, which of the following may be helpful?

سؤال 78 الإجابة

- a.
Polyarthrititis.
- b.
A generalised macular papular rash.
- c.
ASO titre of less than 1:200.
- d.
Staphylococcus aureus grown on throat culture.
- e.
Splinter haemorrhages.

[أخلى اختياري](#)

سؤال 79

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

Which one of the following is least likely to result from Streptococcus pyogenes infection?

سؤال 79 الإجابة

- a.
Rheumatic fever
- b.
Scarlet fever
- c.
Cellulitis
- d.
Pneumonia
- e.
Type 2 necrotizing fasciitis

[أخلى اختياري](#)

سؤال 80

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

Osler's nodes (choose the correct answer)

سؤال 80 الإجابة

- a.
Are seen in the hands in [rheumatoid arthritis](#)
- b.

Are painful, red, raised lesions found on the hands and feet in infective endocarditis

c.

Are seen in the hands in rheumatic fever

d.

Are painless , small erythematous macules in palms and soles in infective endocarditis

[أخلى اختياري](#)

81 سؤال

تم حفظ الإجابة

علّم هذا السؤال

نص السؤال

Use of all of the following medications is believed to be associated with an adverse impact on glycaemic control except?

سؤال 81 الإجابة

a.

Bisoprolol

b.

Nicotinic acid

c.

Protease inhibitors

d.

Atorvastatin

e.

Olanzapine

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82 سؤال

تم حفظ الإجابة

علّم هذا السؤال

نص السؤال

A 55-year-old man is evaluated because of painless jaundice and a 10 kg weight loss. He has had intermittent bloody diarrhea for several years. A magnetic resonance study suggests a mass within the common bile duct. Endoscopic biopsy indicates cholangiocarcinoma. Which of the following is the most likely cause of the patient's bloody diarrhea?

سؤال 82 الإجابة

a.

Tumor bleeding into the gastrointestinal tract

b.

Chronic duodenal ulcer

c.

Shigella enteritis

d.

Hemorrhoids

e.

Ulcerative colitis

[أخلى اختياري](#)

83 سؤال

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

All the following are mechanism – drug induced Hyperkalemia except :

سؤال 83 الإجابة

- a.
Digoxin inhibits K-ATP ase
- b.
Trimethoprim inhibits Na channels
- c.
NSAID blocks PG stimulated Renin secretion
- d.
Cyclosporin and CI shunting
- e.
Heparin decreases Aldosterone level

[أخل اختياري](#)

84 سؤال

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

The most common presenting symptom of obstructive sleep apnea is:

سؤال 84 الإجابة

- a.
Enuresis
- b.
Morning headache
- c.
Snoring
- d.
Gastroesophageal reflux
- e.
Excessive daytime sleepiness

[أخل اختياري](#)

85 سؤال

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

A 43-year-old male presents with weight loss and watery diarrhea. Investigations reveal hypokalemia with a pancreatic mass. Which of the following would support the diagnosis of a VIPoma?

سؤال 85 الإجابة

- a.
Increased pancreatic polypeptide
- b.
Achlorhydria

- c.
Hypoglycemia
 - d.
Migratory erythema
 - e.
Pellagra
- [أخلى اختياري](#)

سؤال 86

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

A 16-year-old boy presents with a low-grade fever which started 1 week ago. The patient also reports feeling fatigued and indicates pain in his joints. His parents mention that he has been visiting the toilet more often than usual. A urine dipstick shows trace proteins, while a blood test shows raised eosinophils. The most likely diagnosis is:

سؤال 86 الإجابة

- a.
Renal failure
 - b.
Diabetes mellitus
 - c.
Reactive arthritis
 - d.
Acute tubulointerstitial nephritis
 - e.
UTI
- [أخلى اختياري](#)

سؤال 87

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

Which of the following is not related to infective endocarditis ?

سؤال 87 الإجابة

- a.
Nikolsky's sign
 - b.
Osler's nodes
 - c.
Janeway lesions
 - d.
Subungual hemorrhages
- [أخلى اختياري](#)

سؤال 88

تم حفظ الإجابة

علِّم هذا السؤال

نص السؤال

A 60 year old gentleman presents with proximal muscle weakness and has noticed a rash on his knuckles and a purplish rash around his eyes. His CK is elevated. He also admits to having significant weight loss and a cough and haemoptysis. Which antibody would you expect to find?

سؤال 88 الإجابة

- a. Anti CCP
- b. Rheumatoid factor
- c. Anti centromere
- d. Anti Jo 1
- e. Anti dsDNA

[أخل اختياري](#)

سؤال 89

غير مجاب عليه بعد

عَلِّم هذا السؤال

نص السؤال

Hyperprolactinemia in females causes:

سؤال 89 الإجابة

- a. Hyperglycemia
- b. Cushing syndrome
- c. Obesity
- d. Galactorrhea amenorrhea syndrome
- e. Hypertension

[أخل اختياري](#)

سؤال 90

غير مجاب عليه بعد

عَلِّم هذا السؤال

نص السؤال

Which is not a high pitched heart sound :

سؤال 90 الإجابة

- a. Opening snap
- b. Mid systolic click
- c. Pericardial shudder

d.
Tumor plop sound
[أخلى اختياري](#)

91 سؤال

غير مجاب عليه بعد

علِّم هذا السؤال

نص السؤال

A 40-year-old woman has just returned from a two-week holiday and presents with persistent fatigue, mild right hypochondrial ache and pruritis. She has a good appetite. Alcohol intake increased while on holiday to 14 units weekly; but intake had previously been negligible (less than four units weekly). On examination, she appears to have a slightly enlarged tender liver and palmar erythema. She also has a few xanthelasma. Liver function tests are found to be deranged with gamma GT 520, AST 61, ALT 85 and Alkaline Phosphatase 386. FBC shows a mild iron deficiency anaemia with a low MCV. Ferritin is low. Antimitochondrial antibody test positive. Which is the single most likely diagnosis?

سؤال 91 الإجابة

- a.
Alcoholic liver disease
- b.
Carcinoma head of pancreas
- c.
Common bile duct gallstone
- d.
Haemochromatosis
- e.
Primary biliary cirrhosis

[أخلى اختياري](#)

92 سؤال

غير مجاب عليه بعد

علِّم هذا السؤال

نص السؤال

A 19-year-old man is recently diagnosed with type 1 diabetes and attends your clinic to ask about possible complications in the future. He mentions an uncle who has end-stage renal disease due to poorly controlled diabetes and specifically enquires about testing for early signs of renal impairment. The most appropriate investigation is:

سؤال 92 الإجابة

- a.
Blood pressure
- b.
Microalbuminuria
- c.
Urine dipstick for glucose
- d.
Serum creatinine
- e.

Serum electrolytes

[أخلى اختياري](#)

93 سؤال

غير مجاب عليه بعد

علِّم هذا السؤال

نص السؤال

Which of the following best describes stage 1 diabetic nephropathy?

سؤال 93 الإجابة

- a. Hyperfiltration
- b. Overt nephropathy
- c. Microalbuminuria
- d. End-stage renal failure
- e. Latent phase

[أخلى اختياري](#)

94 سؤال

غير مجاب عليه بعد

علِّم هذا السؤال

نص السؤال

TSH cannot be used for monitoring response to treatment in:

سؤال 94 الإجابة

- a. Primary hypothyroidism
- b. Iodine deficiency
- c. Secondary hypothyroidism
- d. Thyroprivic hypothyroidism

[أخلى اختياري](#)

95 سؤال

غير مجاب عليه بعد

علِّم هذا السؤال

نص السؤال

Visual disturbance A 71-year-old man is being treated for congestive heart failure with a combination of drugs. He complains of nausea and anorexia, and has been puzzled by observing yellow rings around lights. His pulse rate is 53/minute and irregular and blood pressure is 128/61mmHg. Which of the following medications is likely to be responsible for these symptoms?

سؤال 95 الإجابة

- a.
Digoxin
- b.
Lisinopril
- c.
Furosemide
- d.
Spironolactone
- e.
Bisoprolol

[أخلى اختياري](#)

سؤال 96

غير مجاب عليه بعد

علِّم هذا السؤال

نص السؤال

An elderly man with aortic stenosis is assessed. Which one of the following would make the ejection systolic murmur quieter?

سؤال 96 الإجابة

- a.
Expiration
- b.
Left ventricular systolic dysfunction
- c.
Mixed aortic valve disease
- d.

[Anemia](#)

- e.
Thyrotoxicosis

[أخلى اختياري](#)

سؤال 97

غير مجاب عليه بعد

علِّم هذا السؤال

نص السؤال

ECG signs of hyperkalemia may include all of the following except :

سؤال 97 الإجابة

- a.
Sine wave
- b.
Peaked T wave
- c.
Delta wave
- d.
QRS widening
- e.
Prolonged P-R interval

[أخلى اختياري](#)

سؤال 98

غير مجاب عليه بعد

علِّم هذا السؤال

نص السؤال

A middle-aged man who has recently begun taking captopril and hydrochlorothiazide for hypertension develops an itchy rash in sun-exposed areas. What is the most likely cutaneous diagnosis?

سؤال 98 الإجابة

- a. Urticaria
- b. Erythema multiforme
- c. Erythema nodosum
- d. Photosensitivity reaction
- e. Vasculitis

[أخلى اختياري](#)

سؤال 99

غير مجاب عليه بعد

علِّم هذا السؤال

نص السؤال

A 21-year-old man presents with painless haematuria which he has noticed in the last 3 days. He suffers from type 1 diabetes which is well controlled, but is otherwise fit and healthy. The patient has recently recovered from a mild throat infection. Urine dipstick analysis reveals blood and protein in the urine. The most likely diagnosis is:

سؤال 99 الإجابة

- a. IgA nephropathy
- b. Henoch–Schonlein purpura
- c. Benign prostate hypertrophy
- d. Urinary tract infection (UTI)
- e. Diabetic nephropathy

[أخلى اختياري](#)

سؤال 100

غير مجاب عليه بعد

علِّم هذا السؤال

نص السؤال

A 50 year old man with a history of hemochromatosis presents to the emergency room vomiting up bright red blood. He had his most recent phlebotomy yesterday. His blood

pressure is 110/85 mm Hg, his pulse 115/min; his face is flushed, and he is diaphoretic. During the physical examination splenomegaly and a venous pattern on his chest and abdomen are noted. He seems somewhat drowsy and confused but has no focal neurologic signs. What is the probable source of this patient's confusion?

سؤال 100 الإجابة

a.

Serum iron overload

b.

Vitamin B12 deficiency

c.

Subarachnoid hemorrhage

d.

Hepatic encephalopathy

e.

Severe [anemia](#)

[أخل اختياري](#)