

NWSM PRE PROFF BLOCK L

NOTE

The marked answers are the correct keys according to NWSM keys. Please Check the unmarked ones by yourselves

Q#: 1

A 55-year-old male patient with a history of hypertension and diabetes presents to a primary health clinic with complaints of anuria (complete absence of urine output) and severe fatigue. He reports a gradual decrease in urine output over the past 24 hours. On examination, you note bilateral lower limb swelling and elevated blood pressure. Which of the following actions is most appropriate?

- Initiate treatment for urinary tract infection
- Urgently refer the patient to a nephrologist
- Start the patient on over-the-counter diuretics
- Order a renal ultrasound for outpatient evaluation
- Schedule a follow-up appointment for a comprehensive assessment

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Q#2

A 18 years nulliparous obese girl came to Gynae OPD with complaining of oligomenorrhea, scanty flow, you advise ultrasound, on ultrasound multiple cyst present in right ovary, she is also complaining of hirsutism. What would be the cause of oligomenorrhea in this patient

- Polycystic ovarian syndrome
- Adrenarache
- Physiological cause
- Obesity
- Hirsitism

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What is the Social Security Administration's definition of "disability"?

- Inability to perform any job
- Inability to perform any job for which the individual is qualified
- Inability to perform any job in the individual's previous occupation
- Inability to perform any job for which the individual has training
- Inability to perform a specific task assigned to a person

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Q#4

A clinical study is conducted in patients diagnosed with either type 1 or type 2 diabetes mellitus. Persons with either type develop complications of accelerated and advanced atherosclerosis. All untreated patients have an elevated hemoglobin A1c. Which of the following features common to patients with either type 1 or type 2 diabetes mellitus is most likely to be found by this study?

- Association with certain MHC class II alleles
- High concordance rate in monozygotic twins
- Marked resistance to the action of insulin
- Nonenzymatic glycosylation of proteins
- Presence of islet cell antibodies

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Q#5

A 34-year-old man is referred for evaluation of hypertension and persistent hypokalemia in spite of taking oral potassium supplements. Blood pressure is 180/110 mm Hg. Serum sodium is 149 mEq/L (normal 140 to 148 mEq/L); potassium, 3.3 mEq/L (normal 3.6 to 5.2 mEq/L). Computed tomography demonstrates a 3cm mass in the right adrenal gland. The most likely diagnosis is?

- Addison disease
- Cushing syndrome.
- Conn syndrome
- Cushing disease
- Sipple syndrome

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Q#6

After delivery the uterus resumes its normal size within:

- 2 weeks
- 4 weeks
- 6 weeks
- 8 weeks
- 3 months

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A 40-year-old man notes weight loss, increased appetite, and double vision for 6 months. On physical examination, his temperature is 37.7° C, pulse is 106/min, respirations are 20/min, and blood pressure is 140/80 mm Hg. A fine tremor is observed in his outstretched hands. He has bilateral proptosis and corneal ulceration. Laboratory findings include a serum TSH level of 0.1 mU/L. A radioiodine scan indicates increased diffuse uptake throughout the thyroid. He receives propylthiouracil therapy, and his condition improves. Which of the following best describes the microscopic appearance of his thyroid gland before therapy?

Destruction of follicles, lymphoid aggregates, and Hurthle cell metaplasia

Enlarged thyroid follicles lined by flattened epithelial cells

Follicular destruction with inflammatory infiltrates containing giant cells

Nodules with nests of cells separated by hyaline stroma that stains with Congo red

Papillary projections in thyroid follicles and lymphoid aggregates in the stroma

A study of patients with postmenopausal uterine bleeding reveal that some of them have malignant neoplasms that arise from prior atypical hyperplastic lesions. The peak incidence is between 55-65 years of age in women who have obesity, hypertension, and/or diabetes mellitus. These tumors have mutation of PTEN gene and tend to remain localized for years. Which of the following neoplasms is most likely to have these characteristics?

- Clear cell carcinoma
- Endometrioid carcinoma
- Leiomyosarcoma
- Malignant mixed mullerian tumor
- Serous carcinoma

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. The treatment of choice for a large renal pelvic stone is

- ESWL
- Per cutaneous nephrolithotomy
- Open surgery
- Ureteroscopy
- None of the above

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Q#10

A 13-year-old female collapses while playing basket ball. When brought to the emergency room, she is obtunded. She has hypotension, tachycardia, and deep, rapid, labored respirations. She has a serum sodium level of 151 mmol/L, potassium level of 4.6 mmol/L, chloride level of 98 mmol/L, bicarbonate level of 7 mmol/L, and glucose level of 521 mg/dL. A urinalysis reveals no protein, blood, or nitrite, but there are 4+ glucose and 4+ ketone levels. The most probable pathologic finding in the pancreas at the time of her collapse is

- Amyloid replacement of islets
- Chronic pancreatitis
- Eosinophil infiltration of islets
- Loss of islets of Langerhans
- Pancreatic duct obstruction

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Q#11

A 5-year-boy develops secondary sex characteristics, including pubic hair development and enlargement of the penis. Which of the following morphologic features is most likely to be seen in his adrenal glands?

A nodule in the adrenal medulla

A nodule in the adrenal cortex composed of zona glomerulosa cells

Bilateral adrenal cortical hyperplasia

Bilateral adrenal cortical atrophy

Normal size and architecture

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The softening of lower segment of uterus refers to:

- Braxton-Hick's sign
- Chadwick sign
- Goodell's sign
- Hegar's sign
- Uterine souffle

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Q#13

Optimum number of visits is recommended antenatal clinic if everything is normal. However, if it is difficult for pregnant women to attend antenatal clinic regularly, the minimum number of visits target covering the entire period of pregnancy should be

- 3 visits
- 4 visits
- 2 visits
- 6 visits
- 5 visits

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Q#14

Inhibition of gonadotropin release is required in a patient for which she is stated on gonadotropin analogues. Which of the following methods of administration would be followed in this patient?

- Concomitant use of antagonists
- Continuous administration
- Gradual increase in dose
- Pulsatile administration
- Single large dose

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A 42-year-old woman has a Pap smear as part of a routine health maintenance examination. There are no remarkable findings on physical examination. The Pap smear shows cells consistent with a high-grade squamous intraepithelial lesion (HSIL) with human papillomavirus subtype 18. Cervical biopsy specimens are obtained, and microscopic examination confirms the presence of extensive moderate dysplasia (CIN II) along with intense chronic inflammation with squamous metaplasia in the endocervical canal. What is the most likely explanation for proceeding with cervical conization for this patient?

She is at risk for invasive carcinoma

Human papillomavirus infection cannot be treated

She is perimenopausal

She has chronic cervicitis

Her reproductive years are over

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Important Note

Q#16

A 55 year old lady with a history of breast lump now diagnosed with liver metastasis. Trucut biopsy of breast shows invasive ductal carcinoma. What should be the stage of disease?

- Stage 3b
- Stage 2 b
- Stage 3
- Stage 1 b
- Stage 4

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Q#17

A 30-year-old lady presents with history of recurrent UTIs. She wishes to receive medicine to prevent further recurrence of UTIs. She is started on a drug that acts by splitting formaldehyde and ammonia in the acidic urine. Which of the following drugs was most likely given to this patient?

- Methenamine Mandelate
- Nalidixic Acid
- Nitrofurantoin
- Oxalinic Acid
- Phenazopyridine

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Q#18

A 32 years old lady presented to OPD with the complaint of chronic vaginal discharge. Her pap smear was taken and the result came out to be inadequate cervical cytology. What is the further management of this patient.

- Repeat cervical cytology in 3 months
- Repeat cervical cytology in 6 months
- Repeat cervical cytology in 1 year
- No action needed
- Cervical biopsy

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Q#19

An infant is born following premature delivery. Multiple external congenital anomalies are noted. The infant exhibits a seizure soon after birth. The blood glucose is 19 mg/dL. Which of the following maternal diseases is the most likely cause for the observed findings in this infant?

- Cystic fibrosis
- Diabetes mellitus, type 2
- Gestational diabetes
- Maturity onset diabetes of the young
- Pancreatic neuroendocrine tumor

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Q#20

A 28 years old woman complains of regular but heavy menstrual cycles and abdominal discomfort. Her abdominal examination reveals 14 weeks size irregular uterus. Her pap smear is normal. The best next step in her management would be:

- Continued observation.
- Endometrial biopsy.
- Hysterectomy.
- Laparoscopy.
- Pelvic ultrasonography.

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Q#21

A 19-year-old woman has had a fever and chills accompanied by right flank pain for the past 3 days. She has had two similar episodes during the past year. On physical examination, her temperature is 38.3° C, her blood pressure is 152/94 mm Hg, and there is right costovertebral angle tenderness. Laboratory findings show a serum glucose level of 77 mg/dL and creatinine level of 1 mg/dL. Urinalysis shows a pH of 6.5; specific gravity, 1.018; and no protein, blood, glucose, or ketones. Microscopic examination of the urine shows many WBCs and WBC casts. Which of the following is the most useful test to obtain on this patient?

- Antinuclear antibody
- Abdominal CT scan
- Plasma renin
- Renal biopsy
- Urine culture

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Important Note

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A 70-year-old, previously healthy man comes to his physician for a routine health examination. On palpation, his prostate is normal in size.

Laboratory studies show a serum prostate-specific antigen (PSA) level of 17 ng/mL, however, twice the value he had 1 year ago. A routine urinalysis shows no abnormalities. Which of the following histologic findings in a subsequent biopsy specimen of the prostate is most likely to account for the patient's current status?

- Nodular hyperplasia
- Adenocarcinoma
- Acute prostatitis
- Chronic abacterial prostatitis
- Prostatic intraepithelial neoplasia

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Q#23

In a region with limited healthcare resources, medical volunteers set up a mobile clinic in a remote village. They provide iodine supplements to pregnant women to prevent iodine deficiency in their babies. What level of prevention is this initiative addressing?

- Palliative care
- Primary prevention
- Tertiary prevention
- Secondary prevention
- Quaternary prevention

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Q#24

A 23-year-old woman has a routine health status examination. Her body mass index is 22. Laboratory studies show fasting plasma glucose is 130 mg/dL. Urinalysis shows mild glucosuria, but no ketonuria or proteinuria. She has no detectable insulin autoantibodies. Her father was similarly affected at age 20 years. She is most likely to have a mutation in a gene encoding for which of the following?

- Glucagon
- Glucokinase
- GLUT4
- Insulin
- MHC DR

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A 49 year old perimenopausal woman has had menometrorrhagia for the past 3 months. On physical examination there are no remarkable findings. The microscopic examination of the endometrial biopsy specimen is shows simple cystic hyperplasia. The patient undergoes dilatation and curettage and the bleeding stops with no further problems. Which of the following conditions is most likely to produce these problems?

- Chronic endometritis
- Ovarian mature cystic teratoma
- Pregnancy with missed abortion
- Repeated failure of ovulation
- Use of oral contraceptives

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A mother brings her 4 month old baby to you. She is concerned that the baby can't hold his neck, is sleepy all the time and has constipation. On examination the baby is is lethargic, has a wide open anterior fontanelle, coarse features and a large tongue. Which of the following investigations would you like to do to reach a diagnosis?

- Thyroid function tests
- Liver function tests
- Karyotyping
- Renal function tests
- Ultrasound head

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Q#27

A 23 yrs old lady presented to you in the gynae clinic with the complaints of burning micturation and increased urinary frequency. What is the most common organism causing irinary tract infection.

- Proteus mirabilus
- Pseudomonas
- E.coli
- Klebsiella
- Streptococcus

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A 29-year-old woman who has never been pregnant presents after 2 years of inability to conceive. She has a history of asthma, frequent urinary tract infections and an appendectomy for a ruptured appendix. Her cycles are regular every 30 days. Her husband has two children from first wife. What is the most likely cause of their infertility?

- Anovulation
- Endometriosis
- Fallopian tubal occlusion
- Fibroid uterus
- Male factor infertility

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Q#30

A female of 30 years presented to the medical OPD for a routine checkup during the 2nd trimester of pregnancy. On investigation the patient was noted to have hypernatremia and edema. Which of the following factors most probably lead to the patient's condition?

- Activation of aldosterone
- Gestational diabetes
- Increased levels of insulin
- Ketogenesis
- Physiologic volume overload

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Which of the following during pregnancy can be hazardous to the fetus?

- Feeling the fetal movements & parts
- Physical examination of abdomen
- Presence of fetal cells in the mother's blood
- Radiograph of the fetus
- Ultrasonography

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Q#32

a 65 years old male presented with fever, vomiting and decreased urine output. Patient was resuscitated with IV normal saline but his urine output did not improve. the physician suspects Acute tubular necrosis and orders a urine RE. which of the following would suggest ATN?

- oval fat bodies
- hexagonal crystals
- muddy casts
- RBC casts
- WBC casts

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Q#33

Renal Colic is symptom referred to

- T6 Dermatone
- T7 Dermatone
- T8 Dermatone
- T9 Dermatone
- T10 Dermatone

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Superfecundation means:

- Ectopic pregnancy
- False pregnancy
- Fertilization of two ova of different ovulation
- Fertilization of two ova of same ovulation
-

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Q#35

A middle-aged man has experienced diarrhea, nervousness, palpitations, and increased irritability for the past 5 months. Proptosis and lid lag are among physical examination findings. Which of the following laboratory findings is most likely?

- Increased plasma insulin level
- Increased serum T4 level
- Increased serum TSH level
- Increased serum cortisol level
- Increased serum corticotropin level

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Q#36

A 55 year old male having history of Right loin pain and dysuria on and off, was diagnosed with a mass in the right kidney. The most common Renal tumor is ?

- Oncocytoma
- Renal Cell carcinoma
- Angiomyolipoma
- Pheochromocytoma
- Lymphoma

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Q#37

A 60 year old male having history of Right loin pain and dysuria on and off, was diagnosed with a mass in the right kidney. On tissue biopsy it was found hypernephroma of Right kidney. What should be the management plan?

- Rt Radical Nephrectomy
- Partial nephrectomy
- Adjuvant chemotherapy
- Follow up and monitoring
- Monoclonal antibodies

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A 24-year-old obese woman in her 26th week of pregnancy was diagnosed with gestational diabetes mellitus after a positive glucose tolerance test. She was otherwise healthy, and her past medical history was unremarkable. Dietary management failed to control the blood glucose, and her physician decided to prescribe antidiabetic therapy. Which of the following drugs would be most appropriate for the patient at this time?

Glyburide

Insulin

Metformin

Repaglinide

Sitagliptin

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a 32 years old patient with body swelling, malar rash, arthralgia, photo-sensitivity and alopecia. she on examination has a malar rash, small joint tenderness, pedal edema. on urine-analysis she has +2 albumin and +3 RBC-casts. the diagnosis of SLE with renal involvement. which of the following is not a hallmark of nephritic syndrome?

- hematuria
- hypertension
- impaired renal functions
- nephrotic-range proteinuria
- proteinuria

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A powerful hurricane makes landfall in the coastal town. The local government, emergency services, and volunteers quickly mobilized to evacuate residents from low-lying areas. Emergency teams set up shelters and provide medical assistance to those in need. Search and rescue operations are launched, and communication lines are maintained to coordinate relief efforts. The focus is on saving lives and ensuring the safety of the community. The above scenario refers to which phase of disaster management?

- Recovery
- Response
- Mitigation
- Adaptation
- Preparedness

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Q#41

Which of the following is NOT a factor that affects Social Security benefits?

- Age at retirement
- Earnings history
- Number of children
- Marital status
- Type of career or occupation

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Q#42

In a clinical Audit, it has been found that no case of HYPOKALAEMIA has been reported from your lab while the percentage of patients with hyperkalaemia, and sodium abnormalities is quite reasonable. All your quality checks are within acceptable range. What could be the cause of this anomaly?

- A fault in ISE equipment
- Delay in separation of serum
- Use of expired reagents
- Use of liquid heparin causing dilution
-

Use of collection tubes containing sodium heparin

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Q#43

A woman 47 years old ,para 5,complains of hot flashes.She has undergone total abdominal hystrectomy and bilateral salpingo ophrectomy .She want treatment for this symptoms.The best option for her is

- serotonin
- solifenacin
- oxybutinin
- terbutaline
- tibolone

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Q#44

A 45 year man has experienced severe diarrhea, nervousness palpitations, and increased irritability for the past 6 months. Proptosis and lid lag are among physical examination findings. Which of the following laboratory findings is most likely?

- Increased plasma insulin level
- Increased serum T4 level
- Increased serum TSH level
- Increased serum cortisol level
- Increased serum corticotropin level

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Q#45

a 16 years old male patient with history of sudden onset bilateral lower limb weakness, power of 0/5 he reports celebrating his birthday last night and reports intake of 5 slices of cake. his ECG shows prolonged QT interval with u-wave. which of the following electrolyte is responsible?

- sodium
- magnesium
- phosphorus
- calcium
- potassium

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Q#46

a 76 years old female, known case of small cell carcinoma lung. undertreatment from oncologist. presented to ER with fits, he denies extra medications and other symptoms emergency investigations are ordered. serum sodium is 101 , other labs are normal. what is the most probable diagnosis?

- SIADH
- psychogenic polydypsia
- thiazide induced hyponatremia
- hypovolemic hyponatremia
- hypervolemic hyponatremia

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What is the primary purpose of the Social Security Administration?

- To help single-mothers
- To provide healthcare to seniors
- To administer public housing programs
- To provide financial assistance to disabled individuals
- To administer retirement, survivors, and disability insurance programs

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Q#48

A female of 35 years was receiving somatotropin for adiposity, asthenia and reduced muscle mass. A few weeks later she presented to the medical emergency anxiety and ovarian dysfunction. On examination her prolactin levels were low. Which of the following drugs is most likely responsible for the patient's condition?

- Bromocriptine
- Mecasermin
- Prolactin
- Somatostatin
- Somatotropin

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Q#49

23 year old woman presents with a rubbery, freely movable 2 cm mass in the upper quadrant of left breast. Histologic features is most likely to be seen when examining a biopsy specimen from this mass:

- Large number of neutrophils
- Large number of plasma cells
- Dilated ducts with inspissation of breast secretions
- Necrotic fat surrounded by lipid laden macrophages
- A mixture of fibrous tissue and ducts

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Important Note

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Q#50

According to Hess's rule, when fetal length is 40cm, the age of fetus will be:

- 4 months
- 5 months
- 6 months
- 7 months
- 8 months

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Important Note

- Finishing test is mandatory, exit in the mid of the test will mark the student as absent.
- If you are uploading multiple files, first zip it.
- 11:54

AA

192.168.6.2



Q#51

The uterus after delivery resumes its normal size within:

- 2 weeks
- 4 weeks
- 6 weeks
- 8 weeks
- 8.5 weeks

PREVIOUS

NEXT



Important Note

- Finishing test is mandatory, exit in the mid of the test will mark the student as absent.
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- 11:54

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192.168.6.2



Q#52

A patient suffering from urinary tract infection was started on a drug that did not achieve any significant systemic levels but accumulated in the urinary bladder and eradicated the local infection. Which of the following is the most probable drug that fits the above mentioned profile?

- Amoxicillin
- Cotrimoxazole
- Levofloxacin
- Nitrofurantoin
- Trimethoprim

PREVIOUS

NEXT



Important Note

- Finishing test is mandatory, exit in the mid of the test will mark the student as absent

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192.168.6.2



Q#53

A female of 26 years presented to the medical emergency after a miscarriage half an hour ago. She is taken to the labor room. Which of the following will be used for the management of this patient?

- Desogestrel
- Hydroxyprogesterone
- Medroxy progesterone
- Mifepristone
- Norethindrone

PREVIOUS

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Important Note

- Finishing test is mandatory, exit in the mid of the test will mark the student as absent.
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192.168.6.2



Q#54

A 32 year old pregnant woman with no comorbidities presents to clinic for her regular prenatal visit. She is 34 weeks pregnant and does not have any symptoms. Examination is normal. Routine labs are normal except for Urine RE that shows + Albumin, 4-5 RBCs and numerous pus cells. What is the next best step in management?

- Repeat urine RE in 1 week
- Give antibiotics
- Send blood cultures
- 24 hour urine collection for protein
- Serum Albumin level

PREVIOUS

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Important Note

- Finishing test is mandatory, exit in the mid of the

test will mark the student as absent

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192.168.6.2



Q#55

A comfortable thermal temperature is needed to minimize health risks and quality of ventilation is checked to ensure this. The four indicators i.e. air temperature, speed of air, humidity, and mean radiant heat are taken into consideration. The scale used to measure these indicators by an environmental engineer working in a factory is known as:

- Comfort zone
- Cooling power
- Effective temperature
- Maximum allowable sweat rate
- Corrected effective temperature

PREVIOUS

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Important Note

AA

192.168.6.2



A 03 months old infant presented with right side empty scrotum. On examination: right testis is palpable in right inguinal region; A diagnosis of Right undescended testicle (UDT) is made, what is the ideal age of Orchidopexy?

- 6-9 months
- 1-2 years
- 2-5 years
- After 5 years
-

PREVIOUS

NEXT



Important Note

- Finishing test is mandatory, exit in the mid of the test will mark the student as absent.
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192.168.6.2



Q#57

A 38-year-old man previously in good health suddenly develops severe abdominal pain radiating from the left loin to the groin and associated with nausea, perspiration and frequent urination. He is restless, tossing and turning in bed but has no other abnormal findings. What is the most likely diagnosis?



Herpes zoster involving the left lower rib dermatome

Left ureteric calculus

Retroperitoneal haemorrhage.

Sigmoid diverticulitis

Torsion of the left testicle

PREVIOUS

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Important Note

- Finishing test is mandatory. exit in the mid of the

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192.168.6.2



The results that most accurately reflects severe renal disease is:

- S.creatinine = 4.7mg/dl. Creatinine Clearance = 46ml/min, BUN = 85 mg/dl
- S.creatinine = 1.0mg/dl. Creatinine Clearance = 112 ml/min, BUN = 18 mg/dl
- S.creatinine = 2.5 mg/dl. Creatinine Clearance = 119 ml/min, BUN = 16 mg/dl
- S.creatinine = 1.1 mg/dl. Creatinine Clearance = 96 ml/min, BUN = 45 mg/dl
- S.creatinine = 1.2 mg/dl. Creatinine Clearance = 106 ml/min, BUN = 22 mg/dl

PREVIOUS

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192.168.6.2



Q#59

a 14 years old female presented with body swelling, hematuria and decreased urinary output. she reports sore throat 12 days back. on examination she has congested throat, pedal edema. on further examination she has +2 Albumin and +3 RBC. The physician suspects nephritic syndrome, which of the following pathology is the possible diagnosis?

- post infectious GN
- IgA-Nephropathy
- Alports syndrome
- Acute interstitial nephritis
- ATN

PREVIOUS

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Important Note

AA

192.168.6.2



A 22-year-old woman with type-1 diabetes was brought unconscious to the emergency department. Her blood glucose level was 395 mg/dL (normal 70–110 mg/dL). An intravenous infusion of insulin was started, and 6 hours later the patient's blood glucose decreased to a normal level. Which of the following molecular actions most likely contributed to the therapeutic effect of the drug in the patient's disorder?

- Activation of adenosine triphosphate (ATP)–sensitive K⁺ channels in target cells
- Inhibition of glucose transporters in pancreas cell membranes
- Inhibition of liver glucokinase
- Phosphorylation of a tyrosine kinase–linked receptor
- Stimulation of hormone-sensitive lipase

PREVIOUS**NEXT**

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Important Note

Healthy air quality is considered essential by WHO to prevent morbidity and mortality rates in a population. A member of EPA Environmental Protection Agency was planning to monitor the air pollution in a cosmopolitan city. The most appropriate set of indicators that determine air quality is:

- Carbon dioxide and carbon monoxide
- Hydrocarbon, Ozone & Smoke
- Lead Oxide, ozone & Ammonia
- Poly nuclear Aromatic Hydrocarbon (PAH)



Sulfur dioxide, Nitrogen Dioxide, Carbon monoxide and particulate matter (2.5 – 10 microns)

PREVIOUS

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Important Note

AA

192.168.6.2



Integrated Management of Neonatal and Childhood illness is an important health program to prevent high morbidity and mortality among neonates and children up to 5 years of age. Under the case management process or strategy there are a series of flow charts that show the sequence of steps to provide immediate and appropriate treatment. A 2 year child was examined for the sign of dehydration. Choose the most appropriate sign that indicates “severe dehydration” requiring immediate intervention

- Unable to sleep
- Restless and irritable
- Drinks eagerly and thirsty
- Skin pinch goes back very slowly
- Chest in-drawing during respiration

PREVIOUS**NEXT**

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AA

192.168.6.2



Injecting soapy solution in to the uterus during criminal abortion is likely to result in:

- Air embolism
- Fat embolism
- Hemorrhage
- Perforation of uterus
- Thromboembolism

PREVIOUS

NEXT



Important Note

- Finishing test is mandatory, exit in the mid of the test will mark the student as absent.
- If you are uploading multiple files, first zip it.
- 11:54

AA

192.168.6.2



Q#64

A 3 year old boy come with periorbital puffiness and pedal edema. Mom says she has been noticing this puffiness for 3 to 4 days. She also says he is fatigued and has not gone to school for last 3 days. You order some labs. What would be the most diagnostic test for nephrotic syndrome

- 24 hr urine protien and creat clearance
- Urean protien creat ratio more than 2
- Urine protien creat ratio more than 5
- Low albumin and hypercholestrolemia
- Urine potien more than 3+ on urine R/E

PREVIOUS

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Important Note

- Finishing test is mandatory, exit in the mid of the

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192.168.6.2



What is the approximate incubation period for primary syphilis after exposure to the causative agent?

- 1-3 days
- 1-3 week
- 1-3 months
- 1-3 years
- 1-3 decades

PREVIOUS

NEXT



Important Note

- Finishing test is mandatory, exit in the mid of the test will mark the student as absent.
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- 12:04

AA

192.168.6.2



Q#66

What is the full retirement age for Social Security benefits in Pakistan?

- 62
- 65
- 60
- 67
- It varies depending on birth year

PREVIOUS

NEXT



Important Note

- Finishing test is mandatory, exit in the mid of the test will mark the student as absent.
- If you are uploading multiple files, first zip it.
- 12:04

AA

192.168.6.2



Q#67

A 60-year-old diabetic woman being investigated for recurrent urinary tract infections (Proteus on urine culture&sensitivity) has a staghorn calculus on CT. What is the most likely stone composition?

- Cysteine
- Calcium oxalate
- Hydrogen
- Uric acid
- Struvite

PREVIOUS

NEXT



Important Note

- Finishing test is mandatory, exit in the mid of the test will mark the student as absent.
- If you are uploading multiple files, first zip it.
- 12:04

AA

192.168.6.2



. A 75-year-old woman being investigated for recurrent urinary tract infections has a stag horn calculus on CT. Urine culture report shows growth of Proteus. What is the most likely stone composition?

- . Struvite/Triple phosphate
- Uric acid
- . Calcium Oxalate
- Cystiene
- None of the above

PREVIOUS

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Important Note

- Finishing test is mandatory, exit in the mid of the test will mark the student as absent.
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192.168.6.2



Goodell's sign of pregnancy means:

- Blowing murmur is heard on the side of uterus
- Enlargement of breast
- Softening of cervix of uterus
- Softening of lower uterine segment
- Vaginal mucosa is bluish in color

PREVIOUS

NEXT



Important Note

- Finishing test is mandatory, exit in the mid of the test will mark the student as absent.
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- 12:04

AA

192.168.6.2



A 47-year-old man presented with flank pains that occur on either side for months. He was known hypertensive and on antihypertensive medicines for years. His urine analysis showed red cells in urine. On physical examination, he had a mass deep in each flank. His laboratory test showed raised BUN that was 48 mg/dL (normal is 20 mg/dL) and creatinine is 1.9 mg/dL. Complete blood count was normal. What is the most probable diagnosis?

- Acute pyelonephritis
- Acute glomerulonephritis
- Chronic renal failure
- Polycystic kidney disease
- Renal cell carcinoma

PREVIOUS**NEXT**

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Important Note

- Finishing test is mandatory, exit in the mid of the test will mark the student as absent.
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Q#71

A community holds regular earthquake drills and has designated safe locations for residents to seek shelter in case of an earthquake. What phase of disaster management is demonstrated in this scenario?

- Recovery
- Response
- Mitigation
- Prevention
- Preparedness

PREVIOUS

NEXT



Important Note

- Finishing test is mandatory, exit in the mid of the test will mark the student as absent.
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AA

192.168.6.2



Q#72

A 37 yrs old nulligravida presents with her 39 yrs old partner with subfertility of 7 yrs..during history the femal partenr complains of sever paim during menstural cycles which is not relievrd by oral painkilles and she has statrd using injectabled paimkillers she also complains of heay flow..she alsI complains of dysmenorhea..on examination retroveted ueryrus with resteicted mobility and tender on examibatiom...ultrasound scam shows bilateral adnexal masses with small fundal intramural fibroid...what could be the cause of her subfertility

- Adenomyosis
- Fintoid uterus
- Endometriosis
- Ovarain masses
- Pelvic adhesions

PREVIOUS

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Important Note

- Finishing test is mandatory, exit in the mid of the

192.168.6.2 — Private

A years old female is having polyuria (3.5 litres of urine /day). She is not a known patient of diabetes mellitus. She has been referred to you for carrying out 'water deprivation test' to rule out diabetes insipidus. Which of the following is the most important parameter to be tested in blood and urine?

- Estimation of Aldosterone
- Estimation of BNP
- Renal function tests
- Serum and urine electrolytes
- Serum and urine osmolality

PREVIOUS**NEXT**

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Important Note

- Finishing test is mandatory, exit in the mid of the test will mark the student as absent.
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- 12:04

Q#74

A 68 year old lady with uncontrolled diabetes presents to ER with altered mental status and high grade fever associated with rigors and chills for the past 3 days. She also complains of left sided flank pain and burning micturation. On examination pulse is 110/m, BP 90/60 mmHg, temperature 103°F, oxygen saturation 97% and respiratory rate of 22/m. Her GCS is 13/15, chest is clear to auscultation and her left flank is tender on deep palpation. Investigations show Hb 12 mg/dl, TLC 25, platelets 155, Urea 50, creatinine 1.2 and urine R/E +++ albumin, 10 RBC and 10 - 15 pus cells. You have sent her blood for culture. What investigation will you do for diagnosis?

- CT abdomen
- CT brain
- Lumber puncture
- Echo
- Arterial blood gases

PREVIOUS

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A 6-year-old child has been drinking more water, with more frequent urination, for the past 7 months. Urinalysis shows pH of 6.5 and no protein, blood, glucose, ketones, WBCs, RBCs, or casts. Serum electrolytes are deranged and creatinine is 3.2 mg/dL. An ultrasound scan shows bilaterally small kidneys with medullary cysts concentrated at the corticomedullary junction. Which of the following genes is most likely mutated in this child?

- JBTS2
- MCKD1
- NPHP1
- PKD1
- PKHD1

ADPKD

ARPKD

PREVIOUS NEXT

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Important Note

- Finishing test is mandatory, exit in the mid of the test will mark the student as absent.
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Congenital adrenal hyperplasia is a group of autosomal recessive disorders, each characterized by hereditary defects in an enzyme involved in adrenal steroid biosynthesis. Name one particular hormone for this condition?

- Aldosterone
- Cortisol
- Estrogen
- Glucagon
- Thyroid hormone

PREVIOUS**NEXT**

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Important Note

- Finishing test is mandatory, exit in the mid of the test will mark the student as absent.
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- 12:04

A 0.7-cm microadenoma of the adenohypophysis is seen by head MRI in a 25-year-old female. Which of the following complications is she most likely to have?

- Amenorrhea with galactorrhea
- Hyperthyroidism
- Acromegaly
- Cushing disease
-

Syndrome of inappropriate antidiuretic hormone (SIADH)

PREVIOUS

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Important Note

- Finishing test is mandatory, exit in the mid of the

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192.168.6.2



which of the following would not results in increased blood urea concentration

- CCF
- GI bleeding
- High protein diet
- Pregnancy
- Severe dehydration

PREVIOUS

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Important Note

- Finishing test is mandatory, exit in the mid of the test will mark the student as absent.
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- 12:04

AA

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Q#79

A patient is trying to prevent pregnancy by using rhythm method. At which time during a woman's cycle is the most fertile?

- Days 1-5
- Days 9-16
- Days 17-21
- Days 22-28
- Days 24-28

PREVIOUS

NEXT



Important Note

- Finishing test is mandatory, exit in the mid of the test will mark the student as absent.
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- 12:04

AA

192.168.6.2



A P5 patient with 38 years age came to OPD with complaining of heavy menstrual bleeding from last one year, on ultrasound her uterus is normal in size and shape no pathology present ,endometrial thickness is 5mm ,patient wants treatment for heavy menstrual bleeding also wants contraception. Her last baby born is 2years. What is the most suitable option for this patient?

- Cu T intrauterine device
- Mirena
- OCPs
- Implant
- Emergency contraceptive pills

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Q#81

A 16 years old, male patient presented with periorbital puffiness, pedal edema and generalized body swelling. on examination he was found out to have marked edema and pleural effusion. his urine analysis showed ++++ albumin. What does it specify?

- Acute interstitial nephritis
- Nephritic syndrome
- Nephrotic syndrome
- Acute tubular necrosis
- acute kidney injury

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Important Note

- Finishing test is mandatory, exit in the mid of the test will mark the student as absent.

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192.168.6.2



A female of 55 years was started on a drug to counter act the risk of development of breast carcinoma. The drug made the patient prone to the development of endometrial carcinoma. Which of the following drugs can be given to this patient as a substitute to avoid the risk of endometrial cancer?

- Estradiol
- Progestin
- Raloxifene
- Tamoxifen
- Tibolone

PREVIOUS**NEXT**

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Important Note

- Finishing test is mandatory, exit in the mid of the

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In a given industry WHO recommends a normal range of noise level (dBA) because long term exposure to noise pollution can cause auditory fatigue and loss of hearing in workers. An expert in ergonomics monitored the 8 hour average sound pressure level in a factory by using a sound level meter . The result was 40 decibels (dBA). What is the most appropriate conclusion drawn from this observation?

- The result is inconclusive
- this sound may cause auditory fatigue
- The sound level is higher than accepted range
- The sound level is within accepted range
- There is a risk of permanent loss of hearing

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Important Note

- Finishing test is mandatory, exit in the mid of the test will mark the student as absent.

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The high-power microscopic appearance of a thyroid nodule shown here is from a 44-year-old male. His serum free T₄ and TSH levels are normal. No thyroid autoantibodies are detectable in the serum. This is most consistent with a past history of

- Dietary iodine deficiency
- Irradiation to the neck
- Consumption of goitrogens
- Removal of a tumor from the adrenal medulla
- Viral infection

PREVIOUS

NEXT



Important Note

- Finishing test is mandatory, exit in the mid of the test will mark the student as absent

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192.168.6.2



A 44 year old man with type-1 diabetes started an intensive therapy to achieve a tight control of his diabetes. Which of the following complications will the man be at greatest increased risk of experiencing?

- Hypertension
- Hypoglycemia
- Loss of vision
- Nephropathy
- Weight loss

PREVIOUS

NEXT



Important Note

- Finishing test is mandatory, exit in the mid of the test will mark the student as absent.
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192.168.6.2



A 50 year old male presents to ER with 5 days history of severe diarrhea and vomiting. He has had multiple episodes of watery diarrhea since this morning. He hasn't passed any urine since morning. On examination his pulse is 120/m, BP is 110/80 mmHg, temperature is 100°F, respiratory rate is 20/m and pulse oximetry is normal. He is drowsy with no focal signs. On auscultation there are normal breath sounds over chest but cardiac auscultation reveals pericardial rub sound. Abdomen is scaphoid with no tenderness and normal bowel sounds. Investigations show a normal CBC, urea 240, creatinine 8, GFR 15, potassium 7, HCO₃ 8 and severe metabolic acidosis on ABGs. ECG shows tall tented T waves and Echo shows a thin rim of pericardial effusion. You pass a large bore IV cannula, start administering fluid boluses and give potassium lowering therapy. What is the next step in management of this patient?

- Oral vancomycin
- Order CT abdomen and pelvis
- Arrange dialysis
- Lumbar puncture
- Pericardiocentesis

PREVIOUS**NEXT**

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Q#87

A 6 year old child presents to you with 10 days history of generalized body swelling which first started around the eyes then spread to the rest of the body. On examination the child is vitally stable, generalized body oedema present, no jaundice, no visceromegaly, CVS S1, S2, 0. Investigations show 4+ proteins, RBCs nil on Urine RE, serum Albumin 2g/dl, serum Cholesterol 300mg/dl, Liver function tests are normal. What is the most likely diagnosis?

- Congestive Cardiac Failure
- Nephrotic Syndrome
- Acute Post streptococcal glomerulonephritis
- Protein Losing Enteropathy
- Chronic Liver Disease

PREVIOUS

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Important Note

AA

192.168.6.2



A woman 26 years old, para 1, last baby 24 months of age is interested in contraception. She has normal BMI. She wants some long acting method of contraception which should not disturb her BMI as she is weight-conscious. a) condoms b) oral pills c) copper containing contraceptive device d) medroxy progesterone injections e) emergency contraceptive pill

- condom
- copper containing IUCD
- medroxy progesterone injection
- oral pills
- emergency contraceptive pill

PREVIOUS**NEXT**

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Important Note

- Finishing test is mandatory, exit in the mid of the test will mark the student as absent.

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192.168.6.2



A 40-year old man with asymmetrically enlarged thyroid gland associated with elevated levels of T3 and T4 is treated with propylthiouracil (PTU). Which of the following best summarizes the principal mechanism of action of PTU?

- Blocks iodide transport into the thyroid
- Increases hepatic metabolic inactivation of circulating T4 and T3
- Inhibits proteolysis of thyroglobulin
- Inhibits thyroidal peroxidase
- Releases T3 and T4 into the blood

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Important Note

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Q#90

A 43-year-old man has had watery diarrhea and epigastric pain for the past 3 months. Over-the-counter antacid medications do not relieve the pain. An upper gastrointestinal endoscopy shows multiple shallow, sharply demarcated ulcers in the duodenum. He is given omeprazole. Three months later, repeat endoscopy shows that the ulcerations are still present. Which of the following analytes is most likely to be increased in his blood?

- Gastrin
- Glucagon
- Insulin
- Somatostatin
- Vasoactive intestinal peptide

PREVIOUS

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AA

192.168.6.2



A young girl presented to the out patient department is having left loin pain and dysuria . Further investigations showed left PUJ obstruction with stone. Diagnostic investigation for PUJO is?

- CT scan
- DTPA scan
- Intravenous Urogram
- RFTs
-

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Important Note

- Finishing test is mandatory, exit in the mid of the test will mark the student as absent.
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- 12:04

AA

192.168.6.2



What is a reversible contraceptive method that involves injecting hormones every three months to prevent pregnancy?

- Depo-Provera shot
- IUD
- Vasectomy
-
- Female condom

PREVIOUS

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Important Note

- Finishing test is mandatory, exit in the mid of the test will mark the student as absent.
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- 12:04

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192.168.6.2



Which of the following is NOT a type of Social Security benefit?

- Retirement benefits
- Survivor benefits
- Disability benefits
- Education benefits
- Food and Nutritional benefits

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Important Note

- Finishing test is mandatory, exit in the mid of the test will mark the student as absent.
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- 12:04

AA

192.168.6.2



In a small, coastal village, a pregnant woman is at risk of iodine deficiency disorders due to the village's remote location and limited access to diverse food sources. She relies on locally available foods. Which of the following sources of iodine should she prioritize consuming to prevent these disorders in her and her baby?

- Seafood
- Red meat
- Whole grains
- Sugary snacks
- Leafy green vegetables

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Important Note

- Finishing test is mandatory, exit in the mid of the

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Q#95

A 31 yrs old G2 p1 presents to delivery suite with history of 6 weeks amenorrhea and severe abdominal pain along with nausea and vomiting and vaginal spotting. Her hCG is 7000 IU/ml and ultrasound scan shows about 5*5 cm complex mass in left tubal ampullary region with moderate amount of free fluids. Her BP is 90/60 pulse 100/min R/R is 32/min. What will be the management plan?

- Inj Methotrexate 50 mg/kg
- Laproscopic salpingostomy
- Laprotomy and salpingectomy
- Laproscopic salpingectomy
- Total abdominal hysterectomy

PREVIOUS

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Important Note

AA

192.168.6.2



The three delays model proposes that pregnancy related mortality is overwhelming due to various reasons of delay in seeking appropriate medical intervention for an obstetric emergency. Which of the following is the most common cause of maternal death in developing nations

- Getting adequate nutrition
- Receiving health education
- Getting appropriate transport
- Getting adequate food supplements
-

Receiving adequate & timely health care at health facility

PREVIOUS

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Important Note

AA

192.168.6.2



Sexual offence in which seminal detection is not needed is:

- Bestiality
- Fellatio
- Rape
- Sodomy
- Tribadism

PREVIOUS

NEXT



Important Note

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- 12:14

AA

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'Atavism' means

- Child resembles his both parents
- Child resembles his brother
- Child resembles his father
- Child resembles his grand parents
- Child resembles his mother

PREVIOUS

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Important Note

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Enhanced greenhouse effect is responsible for global warming. Many gases contribute to this phenomenon. The gas that is mainly responsible for this phenomenon is:

- Chlorine
- Ammonia
- Sulfur dioxide
- Carbon dioxide
- Carbon Monoxide

PREVIOUS

NEXT



Important Note

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A 24 year old obese woman in her 26th week of pregnancy was diagnosed with gestational diabetes mellitus after a positive glucose tolerance test. She was otherwise healthy, and her past medical history was unremarkable. Dietary management failed to control the blood glucose, and her physician decided to prescribe antidiabetic therapy. Which of the following drugs would be most appropriate for the patient at this time?

- Glyburide
- Insulin
- Metformin
- Repaglinide
- Sitagliptin

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192.168.6.2



Q#101

a 65 years old male patient under treatment from a hematologist for lymphoma, presented to medical OPD with complaints of anasarca. pedal edema and body swelling. he reports shortness of breath and abdominal pain. on examination there is pedal edema and bilateral pleural effusion. the physician orders urine analysis which shows +4 proteinuria and suspects Nephrotic syndrome. which of the following is gold-standard of diagnosis of nephrotic syndrome?

- urine analysis
- urine PCR
- renal biopsy
- ultrasound KUB
- 24 hours urinary protein

PREVIOUS

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AA

192.168.6.2



A 28-year-old woman has had difficulty concentrating at work for the past month. She is constantly getting up and walking around to visit co-workers. She complains that the work area is too hot. She seems nervous and often spills her coffee. She has been eating more but has lost 5 kg in the past 2 months. On physical examination her temperature is 37.5°C, pulse 101/minute, respiratory rate 22/minute, and blood pressure 145/85 mm Hg. Which of the following laboratory findings is most likely to be present in this woman?

- Decreased catecholamines
- Decreased iodine uptake
- Decreased plasma insulin
- Decreased TSH
- Increased ACTH

PREVIOUS

NEXT

AA

192.168.6.2



Q#103

A 15 month old child presented to OPD with right sided empty scrotum. There is bulge in right inguinal region. What is the initial investigation of choice to diagnose undescended testis?



Physical examination/palpation of inguinal region

Ultrasound abdomen

Laparoscopy

MRI



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Important Note

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The estrogen acts through which of the following mechanisms?

- Activating G protein coupled receptors
- Activating hsp90 bound nuclear receptors
- Inactivating the gene transcription
- Inhibition of estrogen response elements
- Inhibition of release of progesterone

PREVIOUS

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Important Note

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Q#105

Enhanced greenhouse effect is responsible for global warming & Climate Change. Many gases contribute to this phenomenon. However, the gas that is mainly responsible for this phenomenon is

- Chlorine
- Ammonia
- Sulfur dioxide
- Carbon dioxide
- Carbon Monoxide

PREVIOUS

NEXT



Important Note

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- 12:14

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Q#106

According to the World Health Organization (WHO), health professionals provide couples seeking family planning advice with a variety of methods. Among these methods, which one falls under the category of hormonal contraception?

- Condom
- IUCD
- Subcutaneous implants
- Tubal ligation
- Vasectomy

PREVIOUS

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A 75 year old gentleman was referred to neurology clinic yesterday morning for slow movements and resting tremors. Based on history and examination he was diagnosed as Parkinson's disease and started on levodopa and amantadine. His symptoms improved but he developed hypogastric pain later in evening that has progressively increased and he has come to ER now. He hasn't passed any urine since yesterday. On examination pulse is 100/m, BP 150/80 mmHg, afebrile and normal respiratory rate and pulse oxygen saturations. A tender mass can be felt in hypogastrium upto umblicus. Labs show normal CBC, Urea 150, creatinine 2.3, potassium 5 and sodium 145. What is the next best step in management?

- CT abdomen
- Dialysis
- Give opioids for pain
- Pass folley's catheter
- Surgical review

PREVIOUS**NEXT**

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A 25years old female is having polyuria . She is not a known patient of diabetes mellitus. She has been referred to you for carrying out ‘water deprivation test’ to rule out diabetes insipidus.Which of the following is the most important to be tested in blood and urine?

- Estimation of Aldosterone
- Estimation of BNP
- Renal function tests
- Serum and urine electrolytes
- Serum and urine osmolality

PREVIOUS**NEXT**

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- 12:14

Syphilis is a sexually transmitted infection caused by which specific bacterium, known for its spiral-shaped appearance under a microscope?

- Neisseria gonorrhoeae
- Treponema pallidum
- Chlamydia trachomatis
- Mycobacterium tuberculosis
- Streptococcus pyogenes

PREVIOUS

NEXT



Important Note

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- 12:14

AA

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What is the primary purpose of waste management in relation to public health?

- Environmental conservation
- Disease prevention
- Cost reduction
- Aesthetic improvement
- Resource generation

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Q#111

A 7-year-boy develops secondary sex characteristics, including appearance of pubic hair , devepment and enlargement of the penis. Which of the following morphologic features is most likely to be seen in his adrenal glands?

- Bilateral adrenal cortical hyperplasia
- Bilateral adrenal cortical atrophy
- Nodule in the adrenal medulla
- Normal size and architecture
-

Nodule in the adrenal cortex composed of zona glomerulosa cells

PREVIOUS

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Q#112

a 66 years old patient with gastroenteritis presents to medical emergency with decreased urine output and AKI, His workup shows hyperkalemia and AKI. ECG shows tall-t waves , which of the following is the immediate treatment of hyperkalemia?

- insulin with dextrose
- hemodialysis
- peritoneal dialysis
- inj calcium gluconate
- ventoline nebulizations

PREVIOUS

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Important Note

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Q#113

3 A 55-year-old man has dysuria, increased frequency, and urgency of urination for the past 6 months. He has sometimes experienced mild lower back pain. On physical examination, he is afebrile. There is no costovertebral angle tenderness. The prostate gland feels normal in size; no nodules are palpable. Laboratory studies show that expressed prostatic secretions contain 30 leukocytes per high-power field. What is the most likely diagnosis?

- Benign prostatic hyperplasia
- Acute bacterial prostatitis
- Syphilitic prostatitis
- Chronic abacterial prostatitis
- Metastatic prostatic adenocarcinoma

PREVIOUS

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Integrated Management of Neonatal and Childhood illness is an important health program to prevent high morbidity and mortality among neonates and children up to 5 years of age. Under the "case management process or strategy" there are a series of flow charts that show the sequence of steps to provide immediate and appropriate treatment. A 2 year child was examined for the sign of dehydration. Choose the most appropriate sign that indicates “severe dehydration” requiring immediate intervention

- Unable to sleep
- Restless and irritable
- Drinks eagerly and is thirsty
- Skin pinch goes back very slowly
- Chest in-drawing during respiration

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Q#115

A 7-year-old boy was brought to the emergency department by his parents because of nausea, vomiting, and persistent abdominal pain secondary to the flu. Medical history of the patient was unremarkable. Pertinent serum values on admission were fasting blood glucose 300 mg/dL (70–110 mg/dL), glycosuria 3+. Which of the following drugs would be appropriate for this patient?

- Metformin
- Miglitol
- Pioglitazone
- Regular insulin
- Repaglinide

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Important Note

AA

192.168.6.2



A patient with hypothyroidism following thyroidectomy will require lifelong hormone replacement therapy. Which of the following agents generally would be most suitable?

- Levothyroxine
- Liothyronine
- Liotrix
- Protirelin
- Thyroid, desiccated

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Important Note

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1. A 56 year old lady presented to the medical unit complaining of excessive tiredness, cold intolerance, constipation and dry skin. She is Post menopausal and is having these symptoms for about 3 months. She has also gained some weight. Which among the following is the probable diagnosis

- A. Hypothyroidism
- B. Acromegaly
- C. Metabolic Syndrome
- D. Cushing's Disease
- E. Adrenal Insufficiency

PREVIOUS

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Important Note

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Q#118

a 36 years old with history of head trauma secondary to road traffic accident presents to ER with polydypsia, polyuria. he denies extra medications and other comorbids. his workup shows sodium of 174, and normal osmolality. whats the probable diagnosis?

- central diabetes insipidus
- nephrogenic diabetes inspidus
- partial diabetes inspidus
- psychogenic polydypsia
- SIADH

PREVIOUS

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Important Note

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A 50 year female subjected to renal transplantation 2 years ago .After the surgery she started steroid therapy to prevent the rejection of transplantation. She came to the hospital for screening and the adrenal biopsy was done. What's the most likely finding that can be observed?

- Cortical atrophy
- Cortical hypertrophy
- Diffuse hyperplasia
- Dysplasia
- Macro nodular hyperplasia

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Important Note

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Disaster management is a comprehensive approach dealing with all four phases of disasters. Actions are taken to decrease mortality and morbidity and to prevent further property damage pre & post-disaster. What action is taken during the mitigation phase to reduce the impact of earthquakes in a seismically active region?

- Evacuating affected areas
- Distributing emergency supplies
- Setting up emergency shelters
- Building earthquake-resistant structures
- Conducting search and rescue operations

PREVIOUS

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Important Note

- Finishing test is mandatory, exit in the mid of the

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