

 جامعة طنطا كلية الصيدلة 16/07/2020	Tanta University-Faculty of Pharmacy Department of Clinical Pharmacy Final Examination For 4 th year Pharmacy Students		
	Course Title: Clinical Pharmacy	Code: 5118	
Term :Second	Marks: 240 & Q: 80	Page:9	Time: 2 hour

Select ONE answer and transfer it into answer sheet in shadow ■

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Dr. Sahar Hegazy (Q# 1-40)

▪ **Dermatology**

**** (Q 1-3) : A patient came to the clinic with severe pain on one shoulder that lead to incorrect diagnosis of the internal pathology, later, unilateral eruption of small vesicles on erythematous base appears.**

1-The suggestive diagnosis is:

- A- Impetigo
C- Shingles
B- Chicken pox
D- Herpes simplex

2--The previous case usually follows an attack with:

- A- Impetigo
C-Herpes zoster
B- Chicken pox
D- Herpes simplex

3- Treatment includes the use of:

- A- Vit A
B- Vit B12
C- Vit C

**** Question (4-7): An obese female suffers from well defined erythematous, scaly patches in the upper inner thigh extend to the gluteal area. She stated that she prefer wearing occlusive clothes in order not to appear fat.**

4-The suggestive diagnosis is:

- A-Herpes zoster
B- Tinea cruris
C- Varicose eczema
D- Candida paronychia

5-The origin of this disease is:

- A- Bacterial
B- Viral
C- Fungal
D- None of the above

6- Treatment includes:

- A-Topical fusidic acid
C- Topical terbinafine
B- Topical acyclovir
D-None of the above

7- Instructions to this patient

- A- Avoid contact with animal
C- Use wet clothes to reduce the inflammation
B- Use cottony clothes
D- All of the above

**** (Q 8- 11): A 23 years old female came to the clinic suffering from nodulocystic acne.**

8- The clinical pattern of the disease is:

- A- Wheals
B- Burrow
C- Comedone
D- None of the above

9- Treatment includes

- A- Benzoyl peroxide 2.5-5% cream
C- Oral isotretinoin
B- Erythromycin cream
D- None of the above

10- The duration of treatment is not less than

- A- 1 week
B- 4 weeks
C- 4 months

11- During treatment, monitoring ofis required

- A- Blood glucose
D- All of the above
B- Lipid profile
E- None of the above
C- Liver function

22- The best method for treatment:

- A- Electrocautary B- Topical salicylic acid C- Topical clotrimazole
D- Topical tar E- None of the above

23- Instruction for the patient is:

- A- Balenotherapy (bathing in water containing salts, with natural exposure to sun)
B- Change socks daily and dry foot C- Never share foot wears.
D- All of the above

24-Which of the following induce peri-orbital melanosis?

- A-Asthma B-anemia C-Latanoprost
D- All of the above E- None of the above

25-All of the following induce peri-orbital puffiness EXCEPT

- A-Mononucleosis B-Hypothyroidism C-Nephrotic syndrome
D-Dermatitis E-None of the above

26-Medical treatment of peri-orbital melanosis involve

- A-Strengthening the eyelid via collagen cream
B-Cool tea bags on the eyes for 15 min
C-Hydroquinone D-Both A and B E- All of the above

27-Hirsutism, is grow too much hair

- A-Generalised B- Not in a gender specific
C-Facial hair in a male pattern. D- All of the above

28-About self care of hirsutism

- A-Shaving encourages more hair growth
B-Depilatories chemically dissolve hair shafts
C-Electrolysis destroy the hair root permanently
D- Both B and C E- All of the above

29-Concerning anti-androgen in hirsutism

- Finasteride used at the dose to treat male-pattern baldness (1mg).
-Cyproterone can be used safely in pregnancy
-Spiranolactone diuretic can be used D-All of the above

30-Eflornithine is used for treatment of.....

- Peri-orbital melanosis B-Periorbital puffiness C-Hirsutism

31- The main role of androgen in inducing hirsutism is

- High level of testosterone B-High level of DHT
Variation in the activity of 5-alpha-reductase D- All of the above

32-Concerning hair growth, at any time approximately 85% of scalp hairs are in anagen, and 15% in telogen

- True B- False

33- Sweat reaching the surface is istic

A-True

B- False

34-Scar is a primary lesion

A-True

B- False

35-The face are the common site for cellulitis

A-True

B- False

36-Treatment of folliculitis using

A-Antibiotic

B-Antifungal

C-Antiviral

D-Antiparasitic

37-Bullous impetigo occur secondary to scabies, head - louse infestation or insect bite

A-True

B- False

38- Tuberculoid leprosy is a pattern of well developed immunity

A-True

B- False

39-Lionine face is a characteristic feature of Lepromatous leprosy

A-True

B- False

40-In herpes simplex, the eruption characterized by sudden crops of vesicle with clear fluid

A-True

B- False

Dr. Tarek M. Mostafa (Q # 41-80)

▪ **Nephrology**

41. Removal of waste from our body is due to the process of:

A Filtration

B. Excretion

C. Reabsorption

42. The best long term solution for kidney failure is:

A .Kidney transplant

B. Dialysis

43. Select the one which not describes the signs and symptoms of kidney disease

A. High blood pressure

B. Pulmonary edema

C. Hypernatremia

D. Swelling on face, legs etc

44. CRF can be suggested through urine analysis via presence of:

A. Hyaline casts

B. Fatty casts

C. Waxy casts

D. Granular casts

45. Which of the following is correct about urine analysis?

A. Positive heme test with the presence of RBC indicates Rhabdomyolysis

B. Specific gravity is negatively correlated with urine osmolarity

C. Presence of mucus threads without bacteria is a normal phenomenon

D. Fizzing urine indicates liver diseases

46. Regarding indices quantify kidney function, select the correct answer

- A. BUN is accurate index since its level is not affected by water conservation
- B. S.Cr level is affected by many variables as age, sex and race
- C. GFR assessment is not affected by intake of protein or IV infusion of amino acids
- D. BUN: Scr of 30:1 refers to normal kidney function

47. When the kidneys cannot effectively regulate fluid and electrolyte balance and eliminate metabolic waste products, intake of these substances must be regulated. Fluid and sodium intake are _____

- A. Encouraged
- B. Restricted
- C. Limited

48. _____ is the most frequent complication during hemodialysis

- A. Infection
- B. Bleeding
- C. Hypertension
- D. Dialysis dementia

49. The least nephrotoxic aminoglycoside is:

- A. Gentamicin
- B. Netilmicin
- C. Amikacin
- D. Tobramycin

50. Which of the following induce nephrotoxicity by ATN mechanism?

- A. Streptomycin
- B. Radiocontrast media
- C. Amphotericin B
- D. All

51. Which of the following is correct about cystine stones?

- A. Urine analysis may reveal presence of cystiene, lysine, arginine, and ornithine
- B. It may result from acquired cysteinuria
- C. Cystine crystals is hexagonal shape & sodium cyanide-nitroprusside test negative
- D. It can be treated with magnesium citrate or pyrodoxine

52. Which of the following is non-correct about triple phosphate stones?

- A. Urine analysis revealed alkaline ammonical odor containing pus
- B. The crystals of triple phosphate is usually polymorphous
- C. Uro-sepsis, loss of renal function and nephroectomy are common complications
- D. It has low recurrence rate

53. Raising the urine pH to 6.8 is most important in patients suffers from:

- A. Struvite stones
- B. Calcium stones
- C. Uric acid stones

54. Which of the following is correct about treatment of kidney stones?

- A. Allopurinol dose should be adjusted in patients with significant liver dysfunction
- B. Febuxostat dose should be adjusted in patients with significant renal impairment
- C. Escherichia Coli is the most common organism induces infection induced stone
- D. Potassium sodium hydrogen citrate should be prohibited in patient on digitalis

55. ____ failure is caused by acute damage to renal tissue and nephrons or acute tubular necrosis. It involves abrupt decline in tubular and glomerular function due to either prolonged ischemia, malignant hypertension, is or exposure to nephrotoxins

- A. Prerenal
- B. Intrarenal
- C. Postrenal

64. This man suffers from:
A. Normal depression B. Schizophrenia C. Clinical depression D. Bipolar II disorder
65. The ideal treatment for this man condition is
A. TCAS B. Olanazepine C. Lithium D. Mirtazapine
66. Which of these behaviors is a symptom of depression?
A. Cynicism (philosophy) B. Unexplained aggression
C. Loss of interest and pleasure D. Rapid mood swings
67. Which of these should you avoid if you're depressed?
A. Supportive relationship B. Major Decisions C. Exercise D. Trips
68. Which of the following SSRIs seems safe for poly-pharmacy patient?
A. Fluoxetine B. Fluvoxamine C. Paroxetine D. Sertraline
69. Select the antidepressant that counteracts nicotine withdrawal symptoms?
A. Bupropion B. Trazodone C. Mirtazapine D. Nefazodone
70. The main mood-stabilizing medication used in bipolar disorder is:
A. Lorazepam B. Resperidone C. Fluoxetine D. Lithium
71. Which of the following is not indicative for mania?
A. Frequent punning and rhyming meaning words
B. Wearing flamboyant clothes with excessive makeup
C. Feeling guilty and self underestimation
D. Extreme happiness and little need for sleep
72. Which of the following decreases urinary excretion of lithium
A. Mannitol B. Furosemide C. Triamterene D. Acetazolamide
73. Which of the following neurotransmitter is involved in dementia?
A. Dopamine B. Acetylcholine C. Serotonin D. Nor epinephrine
74. Loss of semantic memory occurs during....
A. Pre-dementia (Stage I) Alzheimer disease
B. Mild dementia (Stage II) Alzheimer disease
C. Moderate dementia (Stage III) Alzheimer disease
D. Advanced dementia (Stage IV) Alzheimer disease
75. Scientists believe that.....develop in the brain of an Alzheimer's patient, and may be a cause of the disease.
A. Cholesterol B. Tumors C. Ruptured blood vessels D. Plaques and tangles
76. One of the following seems essential for diagnosing Parkinson disease.
A. Hypokinesia B. Rest tremor C. Bradykinesia D. Freezing