**نموذج امتحان مزاولة مهنة الصيدلة**

Choose the correct answer for questions (1-90)

**1. The following Antidote is used in case of Diazepam overdose:**a. Glucagon
b. Naloxone
c. Protamine Sulfate
d. Leucovorin
e. Flumazenil

**2. Hairmax is the brand name of the following drug:**a. Finasteride
b. Minoxidil
c. Bifonazole
d. Permethrin
e. Benzyl Benzoate

**3. Hairmax is manufactured by:-**a. Jerusalem Pharmaceutical Company
b. Pharmacare PLC
c. Beit Jala Pharmaceutical Company
d. Birzeit Pharmaceutical Company
e. Megapharm

**4. State which of the following match is not correct:**a. Amarrex=Glimepiride
b. Tericox=Etoricoxib
c. Profort=Cefixime
d. Voryn=Diclofenac sodium
e. Tinasil=Terbinafine

**5. State which of the following Pharmaceutical abbreviation is not correct:**a. P.r.n=as needed
b. o.d=each eye
c. q.o.d=once daily
d. a.c=before meals
e. b+c

**6. The drug Mabthera is manufactured by:-**a. GSK
b. Novartis Pharma
c. Sanofi Aventis
d. Roche
e. Abbot

**7. The drug Trovan is classified as a/an:-**a. Statin type hypercholestrolemic agent
b. Statin type hypocholestrolemic agent
c. Antiasthmatic agent
d. Calcium antagonist hypotensive agent
e. NSAID

**Read the following prescription carefully then answer questions (8-11)**

RX
Movalis 7.5 mg Tab
1 Tab q.d
for 20 days

**8. The drug Movalis contains the following active ingredient:**a. Misoprostol
b. Minoxidil
c. Meloxicam
d. Alprazolam
e. Indomethacin

**9. The drug Movalis is used for the treatment of:**a. Hypertension
b. Rheumatoid Arthritis
c. Parkinson's disease
d. Gastrointestinal and duodenal ulcers
e. Depression

**10. Movalis is manufactured locally by:**a. BPC
b. Jepharm
c. Pharmacare
d. BJP
e. Megapharm

**11. According to the prescription, the pharmacist should dispense:**a. 15 Tab
b. 20 Tab
c. 30 Tab
d. 40 Tab
e. 60 Tab

**12. All of the following are side effects for Prednisone except:-**a. Skeletal muscle weakness
b. Hypoglecemia
c. Sodium retention
d. Peptic ulceration
e. Lowered resistance to infection

**13. All of the following are classified as Anti-viral drugs except:-**a. Tebivudine
b. Adefovir
c. Oseltamivir
d. Amikacin
e. Peginterferon alpha-2a

**14. Serum enzyme tests that may aid in the diagnosis of Myocardial Infarction include:-**a. Alkaline Phosphatase
b. CPK (creatinine phosphokinase)
c. LDH (Lactic acid dehydrogenase)
d. a+b
e. b+c

**15. Tinea Pedis is commonly known as:-**a. Athlete's foot
b. corns
c. calluses
d. warts
e. blackheads

**16. Signs and symptoms of " Caffeinism " my include all of the following except :**a. Anxiety
b. Muscle twitching
c. Agitation
d. Restlessness
e. Cough

**17. Parenteral drug products undergo what type of testing to ensure that all microorganisms have been destroyed or removed?**a. Clarity testing
b. Leaker testing
c. Pyrogen testing
d. Sterility testing
e. Solubility testing

**18. In the classification system for drug use during pregnancy, category X drugs are compounds for which:-**a. The possibility of fetal harm is remote
b. Animal, but not human, studies have shown adverse effects.
c. Animal, but not human, studies have shown teratogenic risk.
d. Both animal and human studies have shown that severe risk to the fetus clearly overweighs the benefits of the drug.
e. Evidence of human fetal risk exists, but life – threatening situations may necessitate use of the drug despite the risks.

**19. Which of the following cardiovascular agents is classified chemically as a glycoside:-**a. Nifedipine
b. Digoxin
c. Flecainide
d. Cholestyramine
e. Warfarin

**Read the following prescription carefully then answer question (20-23)**

Rx
Oflox E/D
ii gtts o.u q.i.d

**20. Oflox eye drops contains the following active ingredient:**a. Tetrahydrazoline
b. Ofloxacin
c. Chloramphenicol
d. Sodium Cromoglycate
e. Naphazoline

21. According to the prescription, the patient should take the drug as follows:
a. Two drops in the right eye four times daily
b. Two drops in each eye four times a day
c. Two drops in the left eye once daily
d. Two drops in the right eye once daily
e. One drop in the left eye four times a day

**22. Oflox is manufactured by:**a. Allergan pharmaceuticals
b. Sanofi Aventis
c. Braun
e. Novarti

**23. A locally manufactured drug that contains the same active ingredient as Oflox include the following:**a. Lomixin
b. Taricin
c. Ramacetine
d. Ultracin
e. b+d

**24 . True statements concerning Cimetidine and Ranitidine include :-**a. They are useful in the treatment of duodenal ulcers
b. They may cause dizziness, mental confusion, and hepatic dysfunction
c. They are useful in the treatment of allergic reactions
d. a+b
e. b+c

**25 . All of the following are considered common side effects for Codeine except :-**a. Miosis d. Constipation
b. Nausea e. Addiciton
c. Diarrhea

**26 . The sedimentation of particles in a suspension can be minimized by :-**a. Adding Sodium Benzoate
b. Increasing the viscosity of the suspension
c. Reducing the particle size of the active ingredient
d. a+c
e. b+c

**27 . The drug Monozole contains the following active ingredient :-**a. Miconazole
b. Fluconazole
c. Metronidazole
d. Bifonazole
e. Clotrimazole

**28 . Monozole is manufactured by :-**a. Jerusalm Pharmaceutical company
b. Pharmacare PLC
c. Beit Jala Pharmaceutical Company
d. Birzet Pharmaceutical Company
e. Megapharm

**29 . Dimestil GEL is manufactured by :-**a. Jerusalem Pharmaceutical company
b. Pharmacar PLC
c. Abbot
d. Birzeit Pharmaceuticals Company
e. Wyeth

**30 . Clindex Topical Solution is manufactured by :-**a. Jerusalem Pharmaceutical company
b. Pharmacare PLC
c. Beit Jala Pharmaceuticals Company
d. Birzeit Pharmaceutical Company
e. Megapharm

**31 . Which of the following matches is not true :-**a. cidalin – Mebhydrolin
b. Agispor – Miconazole
c. Duracef – Cefadroxil
d. Roxin – Piroxicam
e. Lactopar –Bromocriptin

**32 . Ventolin medicine is :-**a. Alpha – receptor antagonist
b. Alpha – receptor agonist
c. Beta receptor antagonist
d. Beta – receptor agoinst e. Alpha and Beta – receptor agonist

**33 . Benzoyl Peroxide is used in the treatment of :-**a. Psoriasis
b. Pinworms
c. Acne
d. Trichomonal infection
e. Seborrbeic dermatitis

**34. Which of the following have the same mechanism of action as penicillins :**a. Lincomycin
b. Cefixime
c. Tetracyclines
d. Gentamicin
e. Ciprofloxaccin

**35 . Fatal aplastic anemia is a toxic effect of one of the following drugs :**a. Ciprofloxacin
b. Clindamycin
c. Cefadroxil
d. Chloramphenicol
e. Disopyramide

**36 . Carbidopa acts as :**a. Reverse symptoms of Parkinson 's disease
b. Exerts an anticholinergic action
c. dopa-decarboxylase inhibitor
d. aneuromuscular blocking agent
e. Is askeletal muscle relaxant

**37 . Which of the following drugs reduces Uric acid production in the body:**a. Allopurionl
b. Phenylbutazone
c. Famotidine
d. Propylthiouracil
e. Probencid

**38 . Which of the following drugs is used in the treatment of Hyperthyriodism:**a. Dihydrotachysterol
b. Phytomenadione
c. Prednisone
d. Methimazole
e. Liothyronine

**39 . All of the following Anabolic steroid except :**a. Stanozolol
b. Oxymetholone
c. Nandrolone
d. Norethindrone
e. Oxandrolone

**40 . Which of the following is a pure narcotic antagonist ?**a. Butorphanol
b. Naloxone
c. Buprenorphine
d. Sufentanil
e. Nalbuphine HCL

**41 . Use Organic Nitrates for a long period of times lead to :-**a. Hepatotoxicity
b. Tolerance
c. Nephrotoxicity
d. Visual Disturbance
e. Aplasic anemia

**42 . Cyproterone is classified as :-**a. Gonadotropin –releasing hormone analogue
b. Anti estrogen
c. Estrogen
d. Progestin
e. Anti androgen

**43 . Which of the following is a side effect for clozapine drug :**a. Thrombocytopenia
b. Meningitis
c. Hypercalcemia
d. Hyperuricemia
e. Agranulocytosis

**44 . Ramipril is classified as :**a. B-blocker
b. ACE inhibitor
c. Ca-channel blocker
d. MAO inhibitor
e. HI-Antagonist

**45 . Metronidazole:**a. It is antifungal agent
b. It is indicated for the treatment of herpes zoster
c. It has antiprotozoal activity
d. A+B
e. All of the above

**46 . 5000 nanograms equals :**a. 50 Centigram
b. 5 micrograms
c. 0.5 grams
d. 5 milligrams
e. 0.05 Kilograms

**47 . What is the daily dose for a patient weighing 175 Ib if the dose is 2mg/Kg/day :**a. 78mg
b. 350mg
c. 160mg
d. 770mg
e. 140mg

**48. Hypertensive patients who can not use sodium salts can use**a. Ammonium chloride
b. Potassium iodide
c. Calcium chloride
d. Potassium chloride
e. None of the above

**49. Potassium supplements can be administered by all of the following except:**a. IV infusion
b. Effervescent tablets
c. IV bolus
d. Slow-release tablets PO
e. Elixirs PO

**50. Suspension injection can be administered by all of the following routes except:**a. Intra-articular
b. Intravenous
c. Intradermal
d. Subcutaneous
e. Intramuscular

**51. Which of the following drugs can be given safely to breast feeding women:**a. Narcotics
b. Alcohol
c. Barbiturates
d. Acetaminophen
e. Diazepam

**52. Acetylcysteine is used in the Overdose of Which of the following drugs:**a. Aspirin
b. Ferrous salt
c. Paracetamol
d. Benadryl
e. All of the above

**53. All of the following drugs are used in the treatment of hyperglycemia except:**a. Glibenclamide
b. Metformin
c. Chlorpropamide
d. Glipizide
e. Glucagon

**54. Phenolphthalein is classified as:**a. Antiinflammatory
b. Laxative
c. Analgesic
d. Antiseptic
e. Antibioti

**55. Give that t1/2 is 2 hours, how long will it take for 75% of drug to be eliminate ?**a. 12 hours d. 16 hours
b. 4 hours e. 2 hours
c. 8 hours

**56. Swine flu is caused by serotype of influenza A virus:**a. H1N1 d. N5H1
b. N2H1 e. H3N2
c. H5N1

**57. The brand name of Oseltamivir is:**a. Paraflu d. Flumadine
b. Flu e. Relenza
c. Tamiflu

**58. The Pharmaceutical abbreviation D.C. means:**a. Dispense d. Divide
b. Discontinue e. Distilled water
c. Dilute

**59. To make 50% (v/v) alcohol form 5000ml of 85% (v/v) alcohol , you must add enough water to volume?**a. 500 ml d. 850 ml
b. 1000 ml e. 3500 ml
c. 8500 ml

**60. If a cough syrup contains 0.24 g of codeine in 120cc , how milligrams are contained in each teaspoonful dose?**a. 10 mg d. 240 mg
b. 100 mg e. 24 mg
c. 2 mg

**61. If 12 tablets contain 3900 mg of aspirin , how many tablets should contain 975 mg ?**a. 30 d. 9
b. 10 e. 3
c. 6

**62. All of these agents are immunosuppresants Exept :**a. Prednisolone d. Acyclovir
b. Ciclosporin e. Basiliximab
c. Tacrolimus

**63. The set of properties that characteriza the effect of the drug on the body is called**a. Distribution d. Pharmacokinrtics
b. Permeation e. Protonation
c. Pharmacodynamics

**64. The process by which the amount of drug in the body is reduced after administration but before entering the** systemic circulation is called?
a. Excretion d. Metabolism
b. First-order elimination e. Pharmacokinetics
c. First –pass sffect

**65. Chronic use of which of the following drugs may increase the toxicity of Acetaminophen?**a. Ketoconazole
b. Ethanol
c. Ritonavir
d. Succinylcholine
e. Verapamil

**66. Atropine overdose may cause which one of the following?**a. Gastrointestinal smooth muscle cramping
b. Increased cardiac rate
c. Increased gastric secretion
d. Pupillary constriction
e. Urinary frequency

**67. which one of the following does NOT cause cycloplegia (Paralysis of accommodation) when used topically in the eye?**a. Atropine
b. Cyclopentolate
c. Physostigmine
d. Scopolamine
e. Tropicamide

**68. Beta2-selective stimulants are often effective in :**a. Angina due to coronary insufficiency
b. Asthma
c. Chronic heart failure
d. Delayed or insufficiently strong labor
e. Raynaud's syndrome

**69. A drug that can cause renal damage in the fetus if given during pregnancy:**a. Captopril
b. Diazoxide
c. Fenoldopam
d. Guanethidine
e. Hydralazine

**70. Which of the following is the drug of choice in treating suicidal overdose of digitoxin?**a. Digoxin antibodies d. Phenytoin
b. Lidocaine e. Potassium
c. Magnesium

**71. A patient undergoing cancer chemotherapy is vomiting frequently . A drug that might help in this situation:**a. Bromocriptine d. Loratadine
b. Cimetidine e. Ondansetrone
c. Ketanserin

**72. Among NSAIDs , aspirin is unique because it**a. Irreversibly inhibits its target enzyme
b. Prevents episodes of gouty arthritis with long term use
c. Reduces the risk of colon cancer
d. Reduces fever
e. Selectively inhibits the COX-2 enzyme

**73. One effect that theophylline , nitroglycerin , isoproterenol , and histamine have in common is:**a. Direct stimulation of cardiac contractile force
b. Tachycardia
c. Increased gastric acid secretion
d. Postural hypotension
e. Throbbing headache

**74. Which of the following is a direct bronchodilator that is most often used in asthma by the oral route?**a. Cromolyn d. Salmeterol
b. Epinephrine e. Theophylline
c. Ipratropium

**75. An analgesic and antipyretic drug that lacks an anti-inflammatory action is:**a. Acetaminophen d. Indomethacine
b. Celecoxib e. Probenecid
c. Colchicine

**76. Which statement about phenytoin is accurate?**

a. Displaces sulfonamides from plasma protein

b. Drug of choice in myoclonic seizures

c. Half-life is increased if used with Phenobarbital

d. Toxicity may occur with only small increments in dose

e. Non of the aboove

**77.You are on your way to take an examination and you suddenly get an attack of diarrhea , and for an over-the-counter opioid with antidiarrheal action , you will be asking for?**

a. Codeine d. Loperamide

b. Dextromethorphan e. Nalbuphine

c. Diphenoxylate

**78.Morphinemust be used with extreme caution in:**

a. Adrenal insufficiency d. Late stage of labor

b. Biliary tract surgery e. All of the above

c. Hypothyroidism

**79.Which of the following is MOST likely to be required by a 5-year-old boy with chronic renal insufficiency?**

a. Cynocobalamin d. Filgrastim

b. Deferoxamine e. Oprelvekin

c. Erythropoietin

**80.The risk of the following adverse reaction increases when selective-serotonin reuptake inhibitors are used in combination with mono amine oxidase inhibitors:**

a. Antimuscarinic effects

b. Alpha adrenoceptor blocking effect

c. Reduced sexual function

d. Serotonin syndrome

e. Cardiac arrhythmias

**81.An opium alkaloid solely used as a cough suppressant is:**

a. Codeine d. Papaverine

b. Thebaine e. Dextromethorphan

c. Noscapine

**82.Dexamethasone**

a. Is less potent than prednisolone

b. Also has mineralocorticoid activity

c. Improves glucose tolerance

d. Is a naturally occurring glucocorticoid

e. Suppresses hypothalamo-hypophysico-adrenal axis

**83.A drug that causes purgation by local irritation of small intestine:**

a. Senna d. Castor oil

b. Bisacodyl e. Aloes

c. Sorbitol

**84.Which of the following antineoplastic drugs is an antimetabolite:**

a. Carmustine d. Fluorouracil

b. Busulphan e. Vincristine

c. Cisplatin

e. Cardiac arrhythmi

**85.Which of the following Insulin preparations has the longest duration of action?**

a. Insulin aspart d. Glargine

b. NPH insulin e. Glulisine

c. Insulin Zinc suspention Lente

**86.Megaloblastic anemia is the deficiency of:**

a. Iron d. Folic acid

b. Vit B6 e. c+d

c. Vit B12

**87.The active ingredient in the drug Denacine is:**

a. Gentamycin d. Amikacin

b. Tetracycline HCL e. Tobramycin

c. Clindamycin Phosphate

**88.Denacine is used for**

a. Acne vulgaris d. Antiseptic

b. Fungal infections e. Dry eczema

c. Psoriasis

**89.Denacine is manufactured by:**

a. Birzet Pharmaceutical company

b. Pharmacare PLC

c. Beit Jala Pharmaceuticals company

d. Gama Pharmaceutical company

e. Jerusalem Pharmaceutical company

**90.Which of the following matches is not true**

a. Monolong – isosorbide mononitrate- CTS

b. Zinanat – Ceftriaxone-Glaxo

c. Indomid-indomethacin-Pharmacare

d. Primolut Nor-Norethisterone

e. B+C

**أجب بنعم أو لا على الاسئلة من ( 100-91 ) :**

**91 . لا يجوز للصيدلي أن يكون مالكا لأكثر من مؤسسة صيدلانية واحدة**

**92 . يجب أن لا تقل مساحة الصيدليه عن 40 متر مريع**

**93 . مستودع الأدوية مخصص لبيع الأدوية بالجملة و المفرق لأي كان**

**94 . صيدلية أغلقها صاحبها لمدة 12 شهرا فقط حسب الأصول بسبب سفره الى الخارج و عندما رجع له الحق باعادة فتحها وممارسة عمله**

**95 . يجوز أن يكون تاريخ انتهاء الدواء مختوما بالحبر أو مطبوعا من قبل الشركه الصانعة**

**96 . يجوز أن يكون للصيدلية العامة باب فرعي اخر يتصل بمنزل الصيدلاني المسئول**

**97 . يجوز حقن الابر في الصيدلية من قبل اي كان**

**98 . لا يجوز أن يكون باب الصيدلية الخاصة التابعة لجمعية خيرية على الشارع العام**

**99 . يجوز للصيدلي المالك والمسئول عن الصيدليه العمل كمندوب دعاية بالاضافة الى عمله في الصيدلية**

**100 . يلغى الترخيص الممنوح من الوزاره في حال تم بيع الصيدلية دون علم وموافقة الوزاره**