

1 Which of the following agents interferes with most of the cytochrome p450 enzymes and thus leads to many drug-drug interactions?

A.Famotidine

B.Omeprazole

C.Cimetidine

D.Sucralfat

2 Which one of the following statement is true about capsules?

A.The soft gelatin capsule constitutes of two parts, body and cap

B.Hard gelatin capsules can contain liquid and semisolids

C.Hard gelatin capsules do not contain plasticizer

D.Hard gelatin capsules are available in round, oval and tube like shapes

3 Which one of the following statement is true about ABC analysis of drugs in a given health facility

A.Class B-items are fewer than class A-items

B. Class A items are more likely to be stocked than class B items

C.Class C items account more expenditure than class A items

D.Class C items should be stocked all items

4 How many 0.5gm of tablet do you dispense if you have an order of 250mg metformin bid for 1 month?

A.15 tablets

B.20 tablets

C.30 tablets

D 60 tablets

5 One of the following drugs has anti platelet action?

A.Streptokinase

B.Alteplase

C.Aspirin

D.Reteplase

6 Which one is correctly matched?

A.Warffarin---blood coagulant

B.Vitamin K--- blood coagulant

C.Aspirin--- blood coagulant

D.Vitamin K--- blood anti- coagulant

7 Which one of the following is not the role of drug and therapeutic committee?

A.Procurement of drugs

B.Review adverse drug reaction

C.Develop formulary drugs

8 A drug of choice in the treatment of severe hypertension.

A.Furosemide

B.Hydrochlorothiazide

C.Spiranolactone

D.Manitol

9 Which one of the following drug is used to overcome the hypokalemic effect of diuretic drugs?

A.Furosemide

B.Hydrochlorothiazide

C.Spiranolactone

D.Manitol

10 Food interferes with absorption of one of the following ACEI drugs?

A.Lisinopril

B.Captopril

C.Ramipril

D.Enalapril

11 One of the following drugs is safe during pregnancy?

A.Methyldopa

B.Enalapril

C.Furosemide

D.Losartan

12 Vasoconstrictor drug used in the management of shock.

A.Adrenaline

B.Digoxin

C.Dobutamine

D.Dopamine

13 Thrombolytic agent.

A.Streptokinase

B.Aspirin

C.Clopidogrel

D.Ezetimibe

14 Which one is incorrect about solution pharmaceutical dosage forms?

A Need shaking prior to measure dose

B.Convenient for extreme age groups

C.Fast onset of action than tablet

D.Suitable for microbial growth

15 Which one is the correct order of steps of waste management?

A.Transportation---collection---segregation---disposal

B.Segregation--- collection--- Transportation--- disposal

C.Transportation----disposal---collection---segregation

D.Segregation---transportation----disposal---collection

16 Which of the following is correctly matched color coding of waste segregation?

A.Infectious---red

B.Non-infectious---black

C.Highly infectious---green

D.Radioactive---yellow

17 If we say expiration date for commercial drugs, we can say-----for extemporaneous.

A.Stability

B.Shelf-life

C.Beyond use date

D Expiration date

18 An inventory analysis which is based on value of consumption item per year.

A.ABC analysis

B.VEN analysis

C.Therapeutic category analysis

D.Cost effectiveness analysis

19 In which one of the following conditions would aspirin be contraindicated?

A.Headache

B.Fever

C.Peptic ulcer

D.Unstable angina

20W/ro Martha has taking phenobrbitone for here epileptic case while she is receiving oral contraceptive, from this scenario one can say.

A.She would be pregnant due to phenobrbitone lead for ineffective of pills

B.She would be free from pregnancy as phenobrbitone has no effect on the pills

C.It is paradox to judge on the pregnancy state of Martha

D It is up to here for being pregnant or not

21 Which one of the following shows the right drug management cycle?

A.Drug selection---drug procurement---drug use---drug distribution

B.Drug storage---drug procurement---drug distribution---drug use

C.Drug selection--- drug procurement--- drug distribution--- drug use

D.Drug use--- drug selection--- drug procurement--- drug distribution

22 Children younger than 8 years of age should not receive tetracycline because these agents:

A.Cause rupture of tendons

B.Do not cross into CSF

C.Are not bactericidal

D.Deposited in tissues undergoing calcification

23 One reason why we need dosage form design is.

A.To mask bitter, salty or offensive taste, odor of drug substance

B.To provide time controlled drug action

C.To protect drug substances from oxygen and moisture

D.All

24 Which one of the following is not true about solutions?

A.They are homogenous mixtures

B.They are also called molecular dispersion

C.Their solute component can easily be seen under microscope

D.All are correct

25 One of the following is different from the other.

A.Gargles

B.Spirits

C.Syrups

D.Elixirs

26 In a properly labeled material, the label may not contain:

A.Name of the material

B.Batch number of the material

C.In-process test result

D.Expiry date of the material

27 Are non-medicinal agents that are used stabilize, dilute, suspend, preserve, color, flavor medicinal agents into efficacious and appealing dosage forms.

A.Excipient

B Active ingredient

C.Gargles

D.Spirits

28 Is the substance in dosage form which has activity desired for medicinal purpose?

A.Excipient

B.Active ingredient

C Gargles

D Spirits

29 Is an oily or aqueous solution or suspensions which are administered rectally.

A.Collodions

B.Enema

C.Spirits

D.Gargles

30 A science that deals with dosage form design is?

A.Pharmacology

B.Pharmacognosy

C Pharmaceutics

D.Organic chemistr

31 An excipient that added to a pharmaceutical formulation to mask bad odor.

- A.Active ingredient
- B.Coloring agent
- C.Preservative
- D.Flavoring agent

32 One of the following is a sterile product?

- A.Ophthalmic preparations
- B.Oral preparations
- C.Rectal preparations
- D.Dermal preparations

33 Which of the following compounding procedure requires aseptic condition?

- A.Preparation of IV admixtures
- B.Preparation of oral solutions
- C.Reconstitution of powdered drugs for oral administration
- D.Preparations of dermatological products

34 One of the following can be taken as a disadvantage of parenteral products.

- A.It is suitable for rapid action
- B Suitable for unconscious patients
- C.Dose is accurate
- D.Need of trained personnel for administration

35 One of the following is wrong about parenteral products?

- A Suitable for drugs irritating the GIT
- B Suitable for drugs not stable in the GIT
- C.It is easy to reverse after administration
- D.Suitable for orally less absorbable drugs

36 Drug X is manufactured on January 1, 2014 and it will expire on June 2016. Assuming that the drug will be handled according to the manufacturer's storage instructions, how long will be the shelf-life of drug X in months?

- A.12
- B. 16
- C.17
- D.15

37 A liquid medicine is supplied in a concentration of 20mg/ 5ml. A patient requires 40mg orally three times daily for 5 days, then 20mg three times daily for 5 days, then 20mg twice daily for 5 days and then 20mg once daily for 5 days. Which of the following is the volume of a liquid medicine that you will need to dispense?

- A.600ml
- B.300ml
- C.200ml
- D.60ml

38 The most potent diuretics available are.

- A.CA inhibitors
- B Thiazides

C.Loop diuretics

- D.Potassium sparing diuretics

39 One of the following is potassium sparing diuretic?

- A.Furosemide

B.Spiranolactone

- C.Acetazolamide
- D.Manitol

40 One of the following H-2 receptor antagonists suffers little first pass metabolism.

- A.Cimetidine

- B Famotidine

- C.Nizatidine

D.Ranitidine

41 One of the following is an adverse effect of Cimetidine except?

- A.Impotency

- B.Galactorrhea

- C Gynecomastia.

D GERD

42 The very good reason why $\text{Al}(\text{OH})_3$ and $\text{Mg}(\text{OH})_2$ are given in combination for the treatment of peptic ulcer disease is:

- A.To increase their antacid effect

B.To neutralize their adverse effects

- C.To avoid drug resistance

- D.To improve test of $\text{Al}(\text{OH})_3$

43 One of the following is true about antacids?

- A They reduce acid secretion
- B. They inhibit H^+/K^+ ATPase exchange
- C. They neutralize already secreted acid
- D. They decrease the PH of the stomach
- E. They are used to treat peptic ulcer caused by H.pylori

44 Drug that affect mind are

- A Stimulants
- B Depressants
- C. Hallucinogens
- D. All of the above

45 Barbiturates are

- A Analgesics
- B. Depressants
- C Stimulants
- D. Hallucinogens

46 Drugs that block the action of other substances are called

- A. Agonists
- B. Antagonists
- C. Additives
- D. Analgesics

47 One of the following is indicated for peptic ulcer except?

- A Aspirin
- B. Cimetidine
- C. Omeprazole
- D. Magnesium hydroxide

48 The best drug of choice for typhoid

- A. Cotrimoxazole
- B. Chloramphenicol
- C. Ciprofloxacin
- D. Metronidazole

49 The mechanism of action of one of the following drug is different from the other

- A Streptomycin
- B Doxycycline
- C Chloramphenicol

D Ceftriaxone

50 Which of the following antibacterial agents have narrow spectrum of activity?

A. Penicillins

- B. Amino glycosides
- C Cephalosporins
- D. Tetracyclines
- E Chloramphenicol

51 One of the following agent is not indicated for tuberculosis

- A. Isoniazide
- B. Rifampicin
- C. Streptomycin
- D. Ethambutol

E. None

52 A drug of choice for tapeworm infection

- A. Piperazine citrate
- B Niclosamide
- C. Mebendazole

D. Praziquantel

53 Which one of the following is not antifungal agent?

A. Nystatin

B. Cotrimoxazole

- C. Griseofulvin
- D. Zinc propionate

54 The activity of beta-lactamase enzymes can be overcome by administering -----

- A. Clavulanic acid
- B. Sulbactam
- C. B-lactamase enzyme inhibitors

D. All

55 One of the following is true about Clavulanic acid in Augmentin?

A. Clavulanic acid is a B-lactamase inhibitor

B. Clavulanic acid destroy bacteria which produce penicillin

C. Clavulanic acid and amoxicillin have similar pharmacokinetics

D. None

56 One of the following is B-lactamase resistant penicillin?

A. Procaine penicillin

B. Cloxacillin

C. Ampicillin

D. Penicillin V

57 Tetracycline bind to bacterial ribosome and inhibit bacterial

A. Energy conversion

B. Cell membrane formation

C. DNA replication in the cell nucleus

D. Protein synthesis

58 Where are antimicrobials derived from?

A. Microorganisms

B. Macroorganisms

C. Microsoft

D. Fleming

59 One disadvantage of sulfa drug is

A. Damage to the kidneys

B. Damage to the brain

C. That they cause euphoria

D. Damage to the liver

60 Cotrimoxazole is a combination of drugs namely

A. Sulphadoxine and trimethoprim

B. Sulphadoxine and pyrimethamine

C. Sulphamethoxazole and trimethoprim

D. None of the above

61 One of the following is a cell wall synthesis inhibitor except?

A. Amoxicillin

B. Vancomycin

C. Bacitracin

D.Clindamycin

62 A patient taking one of the following drugs is advised to take two to three liters of water every day.

A.Tetracyclines

B.Sulphonamides

C.Aminoglycosides

D.Quinolones

63 One of the following is not indicated for tuberculosis

A.Isoniazid

B.Rifampicin

C.Streptomycin

D Gentamycin

64 One of the following amino glycosides can substitute streptomycin in the treatment of TB

A.Gentamycin

B.Tobramycin

C.Neomycin

D.Amikacin

65 The transfer of a drug from the site of administration to the circulation system

A.Absorption

B.Distribution

C.Metabolism

D.Excretion

66 Plasma protein binding of drugs mainly affect their

A Absorption

B.Metabolism

C.Distribution

D.Excretion

67 A condition of drug-drug interaction in which the effect of two drugs given together is greater than the sum of each drug alone.

A.Additive

B.Synergism

C Antagonism

D.Agonist

68 For which disease conditions are opioids not given?

A.Cough

B.Diarrhea

C.Constipation

D.Sever pain

69 The "VEN" system indicates a means of structuring drugs by

A.Alphabetical order

B.Level of health care

C.Level of importance

D.Pharmaco-therapeutic order

70 If the adult dose is 400mg bid for 5 days, what is the dose of 6 years of child?

A.200mg bid for 5 days

B 300mg bid for 5 days

C.400mg bid for 5 days

D.150mg bid for 5 days

71 Which method is used in new health institution?

A.Morbidity method

B.Consumption method

C.Adjusted consumption method

D.Service level projection method

72 The major organ for excretion of drug is

A.Liver

B.Kidney

C.Skin

D.Gut lumen

73 The main side effect of Aminoglycosides?

A.Nephrotoxic

B.Hepatotoxic

C.Osteoporosis

D.A and B

74 TTC is contraindicated for under 8 years and pregnancy b/c

- A.Impact on bone growth
- B.Impact on teeth
- C.Calcium depletion

D. All

75 Which one of the following is true about Narcotics except?

- A.They relieves pain
- B.They causes addiction
- C.They are prescribed by psychiatric prescription**
- D.All

76 Which NSAID has no anti-inflammatory action?

- A.Paracetamol**
- B.Aspirin
- C Ibuprofen
- D.Diclofenac

77 One of the following is incorrect about aspirin?

- A.Analgesic**
- B.Antipyretic
- C.Anti-inflammatory
- D.Anticoagulant
- E. All are correct

78 One of the following is angiotensin receptor antagonist?

- A Losartan**
- B.Inamrinone
- C.Enalapril
- D.Captopril

79 Colorants may be used for one of the following purpose except?

- A.To mask un-pleasant appearance
- B.To increase acceptability to patients
- C.To aid identification of drugs**
- D.To give warning

80 Which one of the following method of arranging drugs in storage facility is used where the drugs are issued/managed by their expiry dates?

A.FIFO

B.FEFO

C.LIFO

D.FILO

81 Normal storage conditions for drugs have been specified as

A.Frozen conditions (below 0°C)

B.Room temperature (15°C to $25/30^{\circ}\text{C}$)

C Store at a cool place (8°C - 15°C)

D.Refrigerator temperature (2°C - 8°C)

82 Which one of the following is correct about stock record card?

A.It should be kept at each lot of item/bin

B It has batch number column

C.It has price column

D.It should be filled and updated by the store keeper

83 Which one of the following is correct about bin card?

A It contains location code

B.It has batch number column

C.It has price column

D.It should be kept or hold by head of pharmacy

84 Identify the correct alternative regarding forms/documents used during stock flow

A Model 20 is used for receiving of supplies and drugs

B Model 19 is used for requesting of supplies and drugs

C.Model 22 is used for issuing of supplies and drugs

D.Model 19 is used for issuing of supplies and drugs

85 Which one of the following anti-hypertensive drug is contraindicated in patients with bronchial asthma?

A.Propranolol

B Clonidine

C.Enalapril

D. Nifedipin

86 Pharmacokinetics deals with

A.The action of the drug on the body

- B.The movement and alteration of drugs by the body
- C.What the body dose the drug

D.B and C

87 Indicate the drug belonging to proton pump inhibitors

A.Pirenzepine

B.Ranitidine

C.Omeprazole

D.Trimethaphan

88 Choose the drug that causes constipation

A Sodium bicarbonate

B.Aluminum hydroxide

C.Calcium carbonate

D.Magnesium oxide

89 Which of the following drug is local anesthetic?

A.Halothane

B.Enflurane

C.Ketamine

D.Lidocaine