

EXTERNAL PHARMACISTS' EXAMINATION
Paper Class and Revision



Paper Discussion

With

(For 2024 SLMC Examination)

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PHARMACIST EXAMINATION (EXTERNAL)

2024

Revision Paper 01 - MCQ

1). Indicate "True" if the statement correctly describes the purpose, or "False" if it does not

- a) BNF deals with clinical and the therapeutics of the drugs
- b) United States Pharmacopeia and National Formulary (USP-NF) is a government agency of USA
- c) British Pharmacopoeia lays down standards for drug substances.
- d) Martindale's "The Extra Pharmacopoeia" is a well-known reference book for drugs and medicines used by health professionals around the world
- e) Sri Lanka Hospitals Formulary provides information on dosage regimes.

2). True or False of the meaning of the following Latin abbreviations?

- a) t.i.d. is twice daily.
- b) q.s. means sufficient quantity.
- c) q.i.d. means four times a day.
- d) p.c. after meals.
- e) a.c. is at bed time

03). A pharmaceutical product container has indicated that the expiry date as “April 2024“, T/F ?

- a) is correct in dispensing it in August 2024 if the container was opened in May 2004.
- b) should not dispense it after April 01, 2024.
- c) should not dispense it after 30th March, 2024.
- d) is correct in informing the patient about the expiry date and dispensing it in May 2024.
- e) is correct in throwing the stocks of this batch in the garbage in April 2024 when stocks verification

04). Drugs undergo significant first pass metabolism when given by the following routes. True or false?

- a) Intramuscular route
- b) Inhaled route
- c) Dermal route
- d) Oral route
- e) Sublingual route

05). True or false, regarding the Functions of liver?

- a) Metabolism of drugs
- b) Detoxification
- c) Protein Synthesis
- d) Synthesis of Vitamin B12
- e) Ammonia Conversion

06). Which of the following dosage forms to be sterilized. True or false?

- a. Suppositories
- b. Ear drops for inner ear
- c. Eye ointments
- d. Amoxicillin paediatric syrup
- e. Sachet of oral rehydration salts

07). True or false?

- a) Cimetidine inhibits gastric acid secretion.
- b) Magnesium trisilicate acts as an antacid.
- c) Omeprazole acts in peptic ulcer by neutralizing gastric acid.
- d) Loperamide is recommended for symptomatic management of diarrhea in under 2 years of children.
- e) Ispaghula has laxative properties.

08). True or False about propranolol?

- a) It is a medication belonging to the class of drugs known as beta-blockers
- b) It can lower blood pressure by reducing the workload on the heart.
- c) It is contra-indicated in bronchial asthma.
- d) It is used to reduce the frequency and severity of chest pain from angina.
- e) It can prevent the frequency and intensity of migraine headaches.

09). True or false regarding antihypertensive medications?

- a) Hydrochlorothiazide in high doses to treat hypertension.
- b) Angiotensin Converting Enzyme (ACE) inhibitors are known to cause a steep fall in blood pressure when given for the first time.
- c) Nifedipine should be given as the modified release dosage form for hypertension.
- d) Furosemide is preferable to hydrochlorothiazide for essential hypertension.
- e) Losartan is a alpha 1 receptor blocker

10). True or false of angiotensin converting enzyme inhibitors?

- a) Dry cough is a known side effect.
- b) Loperamide belongs to this group.
- c) They are contra-indicated during pregnancy.
- d) Hypokalemia is a known side effect.
- e) They should not be given to diabetics

11). True or false?

- a. Gemfibrozil belongs to the family of statins.
- b. Atorvastatin reduces cholesterol absorption from the bowel.
- c. Alcohol use is a caution in those prescribed simvastatin.
- d. Statins do not cause hepatic damage.
- e. Lovastatin known to cause myositis.

12). The following drugs therapeutically act by binding to the receptor with which it is paired. True or false?

- a. Salbutamol - Beta one adrenoreceptor
- b. Noradrenaline - Alpha 1 adrenoceptor
- c. Pilocarpine - Nicotinic receptors
- d. Propranolol - Muscarinic receptor
- e. Ranitidine - Histamine H2 receptors

13). Indication for digoxin include, T/F?

- a. Angina
- b. Heart failure
- c. Atrial fibrillation
- d. Ventricular fibrillation
- e. Heart block

14). Following features are present in cardiac muscle cells, true or false?

- a) Cross-striation
- b) Branching
- c) Multiple nuclei
- d) Spindle shaped cells
- e) Intercalated discs

15). True or False?

- a. Beclomethasone is available as a dry powder inhaler.
- b. Steroid inhalers are contra-indicated in pregnancy.
- c. Fluticasone is a long acting beta stimulant drug.
- d. Salmeterol is a steroid and relieves in asthma within a smaller time.
- e. Diphtheria, Tetanus, Pertussis vaccination is contra-indicated in children on steroid inhaler.

16). Following are components of the Upper Respiratory Tract, True or false?

- a. Alveoli
- b. Lobar bronchi
- c. Trachea
- d. Terminal bronchioles
- e. Paranasal sinus



17). True or false of drugs used in thyroid disease?

- a. In a child with hypothyroidism, absolutely every children should continue thyroxine throughout life.
- b. Carbimazole is contra-indicated during pregnancy.
- c. Propylthiouracil is effective in treating hypothyroidism.
- d. The cooking salt in Sri Lanka is iodized to reduce hypothyroidism in our population.
- e. If a woman gets pregnant while on thyroxine the drugs should be discontinued immediately.

18). True or false?

- a. Norethisterone is an oestrogen.
- b. Combined oral contraceptive pill is known to increase the quantity of breast milk.
- c. Depot medroxyprogesterone acetate is a parenteral contraceptive.
- d. Levonorgestrel is effective as an emergency contraceptive.
- e. The combined oral contraceptive pill is not recommended for young female on antituberculous drugs.

19). True or false of insulin?

- a. Short acting insulin are clear solutions.
- b. Long-acting insulin should not be given intravenously.
- c. Common strength of insulin is 100 units /ml.
- d. Insulin are contraindicated in type 2 diabetes.
- e. Isophane insulin is a biphasic insulin

20). True or false regarding corticosteroids?

- a. They have potent anti-inflammatory effects.
- b. Hydrocortisone is a high efficacy steroid.
- c. They should not be used in children.
- d. Dexamethasone is an example of a corticosteroid.
- e. Prednisolone is given for short periods (Less than 6 weeks) to manage diseases.

21). True or false?

- a. When an ovary releases an egg during ovulation, the fallopian tube, where it can potentially meet sperm and become fertilized
- b. The sperm count of 1ml of seminal fluid in a healthy person is about 300 million.
- c. A mature ovum comes out from an ovum most often between the 2nd and 9th day of a normal menstrual cycle.
- d. The prostate gland in the male is for storage of excess spermatozoa.
- e. Each beige “Mithuri tablet” contains estradiol and norethisterone.

22). Hormone secreted by the anterior pituitary gland include, T/F?

- a. Epinephrine
- b. Glucagon
- c. Gonadotropin releasing hormone
- d. Growth hormone
- e. Prolactin

23). In a healthy woman with regular 28-day cycles, true or false?

- a. Ovulation usually occurs on the 20th day.
- b. An ovum reaching the uterus will remain fertile for at least 75 hours.
- c. Normal spermatozoa deposited in the vagina will take about 48 hours to reach the uterus cavity.
- d. Spermatozoa reaching the uterine cavity will remain viable for at least 75 hours.
- e. Combined oral contraceptive pills significantly delay sperm motility.

24). True or false regarding levonorgestrel tablets for emergency contraception following unprotected sexual intercourse?

- a. The drug is a oestrogen-progesterogen combined preparation
- b. Breast-feeding is contraindication
- c. Is recommended to be taken as soon possible after sexual intercourse.
- d. Efficacy of levonorgestrel emergency contraception is reduced over time.
- e. Dose is 1.5 mg for one tablet.

25). True or false about penicillins?

- a. Benzylpenicillin is classified as a broad-spectrum penicillin.
- b. Amoxicillin is known to cause diarrhea in children.
- c. Phenoxymethylpenicillin is mostly recommended to be taken after meals.
- d. Cephalexin belongs to the family of drugs called penicillins.
- e. Cloxacillin is stable against common staphylococcal beta lactamases.