

## 0805 PHARMACEUTIC-I Mcq Test paper

Mention precautions to be taken while using of eye drop

- (a) Never rinse the dropper.
- (b) Never use eye drop that have changed colour
- (c) Discard the content after one month of use
- (d) Do not touch the tip of the dropper.
- (e) All of the above **Answer**

Disadvantages of glass.

- (a) Fragile, easy to break
- (b) Heavy, Bulky to carry
- (c) Flake formation
- (d) Leaching and absorption of alkalis
- (e) All of the above **Answer**

Different Chemical methods of Sterilization

- (a) Sintered glass filters
- (b) Radiation sterilization
- (c) Seitz filters
- (d) Sterilization by heating with bactericide **Answer**

use of fluidized bed dryer

- (a) Used in granulation process for tablet preparation
- (b) It is used in coating
- (c) Used for drying of filter cake
- (d) All of the above **Answer**

Advantages of plastic containers.

- (a) Poor conductor of heat
- (b) Sufficient mechanical strength
- (c) Transported easily
- (d) All of the above **Answer**

polymers used for Film Coating

- (a) Cellulose acetate succinate
- (b) HPMC phthalate.
- (c) Carbowax **Answer**
- (d) Polymethacrylate.

Disadvantages of plastic containers.

- (a) Cannot withstand heat without softening or distortion
- (b) Permeable to water vapour and atmospheric gases
- (c) May absorb chemicals such as preservatives
- (d) All of the above **Answer**

Different Physical methods of Sterilization

- (a) Sintered metal filters
- (b) Ionizing radiation
- (c) Dry heat sterilization **Answer**
- (d) Use of U.V rays

Applications of sterilization by ionising radiation

- (a) Sterilization of thermolabile medications.
- (b) Plastic syringes, hypodermic needles, scalpels, surgical blades and adhesive materials.
- (c) Bones and tissue transplant, plastic tubing, catheters and sutures.
- (d) All of the above **Answer**

Advantages of sterilization by ionising radiation

- (a) Available in various shapes and sizes
- (b) Good protection power
- (c) No formation of flakes
- (d) The method is reliable and can be accurately controlled **Answer**

Disadvantages of sterilization by ionising radiation

- (a) Special type of gum or adhesive required for labelling.
- (b) Relatively expensive.
- (c) The process cannot be stopped once started **Answer**
- (d) May absorb chemicals such as preservatives.

Different methods of size separation are

- (a) Sieving
- (b) Cyclone separator.
- (c) Air separator
- (d) Elutriation.
- (e) All of the above **Answer**

Methods Of Extraction

- (a) Infusion
- (b) Decoction
- (c) Maceration
- (d) All of the above **Answer**

advantages of water as solvent for extraction

- (a) Non –toxic
- (b) Non inflammable.
- (c) It has wide solvent action

(d) All of the above **Answer**

polymers used for Enteric coating

(a) Cellulose acetate phthalate **Answer**

(b) PEG-400

(c) Ethyl cellulose

(d) Hydroxyethyl methyl cellulose.

Advantages of ball mill

(a) It can produce very fine powder

(b) Can be used for batch as well as continuous grinding

(c) Can be sterilized & used for parenteral and ophthalmic preparations.

(d) All of the above **Answer**

Disadvantages of short tube evaporator

(a) It is quite complicated and expensive in construction

(b) Difficult to clean

(c) Maintenance is costly

(d) All of the above **Answer**

Different Mechanical methods of Sterilization

(a) Moist heat sterilization

(b) Ceramic filters **Answer**

(c) Membrane filters

(d) Gaseous sterilization

Advantages of microencapsulation

(a) To mask the bitter taste of drugs like Paracetamol, Nitrofurantoin etc. **Answer**

(b) Chemically inert, impermeable, strong and rigid.

(c) Excellent barrier against light.

(d) Does not deteriorate with age

Different methods of microencapsulation

(a) Coacervation

(b) Fluidized bed Coating

(c) Pan Coating

(d) All of the above **Answer**

Advantages of glass as a material used for pharmaceutical container

(a) Economical

(b) Available in variety of sizes and shapes

(c) Protection against external environment

(d) Both (a) & (b) **Answer**

## State whether the following statements are True or False

Sieve number is the number of mesh in 2.54cm transverse direction parallel to wire.

- (a) True **Answer**
- (b) False

Menstruum is a drug residue which remains behind after extraction.

- (a) True
- (b) False **Answer**

**Reason:** Menstruum is a Solvent used to extract the drug.

Capsules are a solid unit dosage form in which the drug substances are enclosed in a water soluble shell or an envelope.

- (a) True **Answer**
- (b) False

Pharmaceutical aids are the substances which have no or little pharmacological effect but they are essentially used in the preparation of pharmaceutical dosage form.

- (a) True **Answer**
- (b) False

Gargle Used to cleanse & deodorize buccal cavity

- (a) True
- (b) False **Answer**

**Reason:** Gargle Used to relieve soreness in mild throat infections.

The power of the body to resist the effects of invasion of microorganisms is called immunity.

- (a) True **Answer**
- (b) False

Marc is a Solvent used to extract the drug.

- (a) True
- (b) False **Answer**

**Reason:** Marc is a drug residue which remains behind after extraction.

Closure is the device by means of which container can be opened and closed.

- (a) True **Answer**
- (b) False

Glycerine is commonly added in throat paint as a base because being viscous; it adheres to mucous membrane for a long period.

- (a) True **Answer**
- (b) False

Mouthwash Used to relieve soreness in mild throat infections.

- (a) True
- (b) False **Answer**

**Reason:** Mouthwash Used to cleanse & deodorize buccal cavity

Container is a device that holds the drug and it may or may not be in direct contact with the pharmaceutical preparations.

- (a) True **Answer**
- (b) False

Syrup contains both water and alcohol.

- (a) True
- (b) False **Answer**

**Reason:** Syrup does not contain alcohol

Sterilization is the process of complete destruction of microorganisms present in the system.

- (a) True **Answer**
- (b) False

Drug is A chemical agent intended for use in the diagnosis, mitigation, treatment, cure or prevention of disease in man or in other animals.

- (a) True **Answer**
- (b) False

Elixirs does not contain alcohol

- (a) True
- (b) False **Answer**

**Reason:** Elixirs contain both water and alcohol.

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