

Seat Number

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*Sum 19*

वलय - 006

**BP 103-T**

**Pharmaceutics-I (Also Old Equivalence T.1.1.1)  
(711103)**

**P. Pages : 3**

**Time : Three Hours**

**Max. Marks : 75**

Instructions to Candidates :

1. Do not write anything on question paper except Seat No.
2. Graph or diagram should be drawn with the black ink pen being used for writing paper or black HB pencil.
3. Students should note, no supplement will be provided.
4. All questions are compulsory.
5. Draw neat & well labelled diagram wherever necessary.

1. Multiple choice questions.

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- 1) Which of the following is type of synergism
  - a) Addition
  - b) Potentiation
  - c) Both a & b
  - d) None of these
- 2) Mouth Wash is intended to Use for
  - a) Rinsing
  - b) Deodorant
  - c) Antiseptic
  - d) All of these
- 3) Allergic Reaction to a drug also known as
  - a) Idiosyncrasy
  - b) Tachyphylaxis
  - c) Hypersensitivity
  - d) All of these
- 4) Enemas are the preparation showing following category
  - a) Purgative
  - b) Nutritive
  - c) Anti Inflammatory
  - d) All of these
- 5) Which of the following is not type of pharmaceutical incompatibility.
  - a) Physical
  - b) Mechanical
  - c) Therapeutical
  - d) Chemical
- 6) What is the meaning of Latin term Mannequin
  - a) Night
  - b) Morning
  - c) Both a & b
  - d) Evening
- 7) Which formula is used for calculation of doses of child
  - a) Young's formula
  - b) Dilling formula
  - c) Clark's formula
  - d) All of the above
- 8) Emulsifying agent with higher Number indicates
  - a) Lipophilic properties
  - b) Hydrophilic properties
  - c) Both a & b
  - d) None of these

- 9) An extraordinary response to a drug which is different from its characteristics pharmacological action called as
  - a) Tachyphylaxis
  - b) Tolerance
  - c) Antagonism
  - d) Idiosyncrasy
- 10) Choose monophasic liquid dosage form from following
  - a) Mouth wash
  - b) Elixir
  - c) Syrup
  - d) All of above
- 11) Suppositories May inserted into
  - a) Rectum
  - b) Vagina
  - c) Nasal Cavity
  - d) All of the above
- 12) Elixirs are ----- type of liquids
  - a) Hydroglycerin
  - b) Hydro-Ethylen
  - c) Hydro - alcohol
  - d) None of these
- 13) Syrup is concentrated or nearly saturated solution of
  - a) Sodium chloride
  - b) Sodium bicarbonate
  - c) Iodine
  - d) Sugar
- 14) Subscription contains the -----
  - a) Direction to physician
  - b) Direction to pharmacist
  - c) Direction to patient
  - d) All of these
- 15) Emulsifying agent Reduces ----- between two phases
  - a) Density
  - b) Specific gravity
  - c) Interfacial tension
  - d) Viscosity.
- 16) Which of the following is not an Identification test for emulsion.
  - a) Dilution test
  - b) Conductivity test
  - c) Dye test
  - d) Sedimentation test.
- 17) Second edition of I. P published in year
  - a) 1955
  - b) 1966
  - c) 1986
  - d) 1996
- 18) Which of the following enzyme is present in acacia
  - a) Ligase
  - b) Glutamase
  - c) Amylase
  - d) Peroxidase
- 19) Swelling or bursting of cell leading to hemolysis is caused by which type of solution.
  - a) Hypertonic
  - b) Isotonic
  - c) Hypotonic
  - d) Non tonic
- 20) Suspending agents are also known as
  - a) Thickening agent
  - b) Osmotic agent
  - c) Surface active agents
  - d) Preservatives



2. Long answer Questions Attempt **any two**.

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- 1) Define & classify ointment. Explain in detail methods of preparation of ointment.
- 2) Define Posology. Explain factors affecting posology.
- 3) Define pharmaceutical Incompatibility & Explain types of Incompatibilities with examples.

3. Short Answer Questions. Attempt **any seven**.

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- 1) Explain evaluation parameters of suppositories.
- 2) Explain factors affecting dermal penetration of drugs
- 3) Discuss causes of cracking of Emulsion
- 4) Define powder & Explain different mixing methods of powders
- 5) Write a short about "pharmacy as career" by giving scope of pharmacy.
- 6) Write a short note on ear drops.
- 7) Explain handling of prescription.
- 8) Define Emulsion. Explain identification test for emulsion
- 9) Write in detail about solubility enhancement techniques

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