

GPAT 2023 Shift 1 Unofficial Answer Key

- About Schedule M2

A- It deals with Cosmetics

- Schedule for Ophthalmic preparation?

A- Schedule FF

- Thermogravimetric analysis is used for?

A- Material Characterization- foods, petrochemicals, pharmaceuticals etc.

- What type of glass is not used for parental preparation?

A- IV NP General Sodalime glass

- Schedule for disinfectants?

A- Schedule O

- What is Lucas test?

A- Lucas test is used to differentiate primary and secondary alcohols using a solution of anhydrous zinc in conc. HCL

- Alkaloid Strychnine is present in which of the following?

A- Nux Vomica

- The weight of 00 capsules in mg?

A- 118 mg

- Alzheimer's affect which part of the brain?

A- Hippocampus

- Tablet separation top to bottom

A- Absorbent

- Variety of products offered by a company called?

A- Product mix

- When to go from Try my product to Prefer my brand?

A- Growth

- Excipient used to reduce friction

A- Glidants

- Compartment modeling in Pharmacokinetics means?

A- Hypothetical pool of tissue

- When is an NDA made?

A- After the phase 3 clinical trial

- Which metabolite is used in the treatment of cancer?

A- Mesna

- The 4th Generation Cephalosporin?

A- Cefepime

- What do you mean by Orphan Drug?

A- Drug which is useful for rare disease

- Which hypolipidemic drug acts in a GPCR?

A- Nicotinic acid

- Normal value of HbA1c fall in what range?

A- 6.5% to 7.5%

- Lateral geniculate nucleus is associated with?

A- Vision

- Which Drug is used in chemotherapy for cancer such as leukemia?

A- Hydroxyurea

- In ECG, P wave represents?

A- Arterial Depolarization

- The cranial nerve accommodating eye for near vision is?

A- Oculomotor

- Dipole-Dipole weak interactions are also called?

A- Debye force

- Atypical Antipsychotics is?

A- Clozapine

- Who invented law of Relative Lowering of Vapour Pressure?

A- Raoult's Law

- Lucas test is very rapid with?

A- 3° Alcohol

- Formula for Purine?

A- $C_5H_4N_4$

- Invert sugar is a product of obtained by hydrolysis of?

A- Sucrose

- How many Optical isomers are possible in the structure of lactic acid?

A- 2

- Decreasing Dielectric Constant order?

A- Formamide > Water > Methanol > Acetone

- Precursor of Cholesterol?

A- Acetyl Co-A

- Source of radiation for absorption and fluorescence spectrometer?

A- Xenon arc lamp

- Establishing a complete structure of which element is more complex than others?

A- Polysaccharide

- Molecule having Zero dipole moment?

A- BF_3

- DNA and RNA contain two major Purine bases, they are?

A- Adenine & Guanine

- Vibration modes shown by sulfur dioxide in IR?

A- Stretching, Bending

- Isaphol belongs to the family of?

A- Plantaginaceae

- Quinine and Quinidine differ from?

A- Rotating the plane of polarize light

- If resins contain benzoic acid or cinnamic acid, they are called as?

A- Balsam resin

- Which ring is present in Strychnine?

A- Indole

- Lingin is a complex polymer due to stained pink because of which Chemical?

A- Phloroglucinol and Hydrochloric acid

- Requirements for factory premises for Cosmetics manufacturing?

A- Schedule M²

- Drugs which are not permitted for repacking licence come under?

A- Schedule C and C¹

- Formula for the calculation of Liquid Pressure?

A- $P = \rho gh$

- Haemophilus influenza vaccine is a type of?

A- Conjugated Vaccine

- Clathrates crystals are in the shape of?

A- Polymer type

- Thermo gravimetric analysis is used for?

A- Photo-stability Analysis

- What reduces friction between wall and die?

A- Lubricant

- What is used in hydroalcoholic preparation?

A- Aromatic water

- Which has the highest HLB value?

A- SLS

- Kozeny-Carman equation determines?

A- Surface Area



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