Pharmacyfræmkacyfræmkacyfreak.com

Printed Pages – 10

Roll No. :

341552(41)

B. Pharmacy. (Fifth Semester)
Examination, April-May 2020/NOV-DEC 2020

(PCI Scheme)

(Pharmacy Branch)

FORMULATIVE PHARMACY

Paper: (BP502T)

(Theory)

Pharmack Time Allowed: Three hours

Maximum Marks: 75

Note: Question paper has three parts i.e. (a), (b) and (c). Part (a) has 20 MCQ's, each of 1 marks. All questions in Part (a) are compulsory. Part (b) is long answer type questions. It contains 3 questions of which, attempts any two questions. Each questions carries 10 marks. Part (c) is short answer type questions. It contains 9 questions, of which attemyt any seven questions. Each question 5 marks.

Part-'A'

 $20 \times 1 = 20$

Note: Attempt all questions. Each question carries 1 mark.

Pharmacyfræakaci341552(41) kaccyffileak Prom

description of

[2]

11 50 26 60

1. Multiple choice questions:

Preformulation study includes all the studies except:

- (a) The amount of drug available
- (b) The physicochemical properties of the different known substances
- (c) Therapeutic category and anticipated dose of compound

Pharmacyfreak.c (d) Route of administration, armacyfreak.com

- Class III drugs have:
- (a) High solubility and low permeability
- (b) Low solubility and low permeability
- (c) Low solubility and high permeability
 - (d) High solubility and high permeability
 - In general the disintegration time of uncoated tablet is

411 det Bucks

- (a) 5 sec
- Tornel (b) 15 min
- - (d) 5 min

[3]

- (iv) When the substance is exist in more than one crystalline form then the phenomenon is called as: CHITIPE A CONTRACT
 - (a) Polymorphism
 - (b) Crystallinity
 - (c) Pseudopolymorphism pinction of pinched Lyans are a larger
- Noyes-Whitney equation is related to: (v)
 - (a) Dissolution rate the contain the Transfer of the Transfer
 - (b) Sedimentation rate ' 1111100 (13)
 - (c) Solubility 11281 1111
- d) Flow property state of the control of the contro
- Unequal distribution of color on tablet is called (vi) 127 - 10 1 12 18 4 1 1 1 1 1
 - (a) Orange peel effect thin, may (d)
 - (b) Mottling to) Liquids
 - (c) Blooming informate (1)
 - (d) Cracking
 totusque sus tabilisms on a re-
- (vii) Enteric coated tablets are designed to release the drug in: U (di

Pharmacyfreak.com

(841552(41)²harmacvtreak.com

[4.] (a) Colon | Leg et son le les services | (b) Stomach (c) Intestine (d) Mouth THE PLANT IN Biphasic liquid preparation, having one liquid is (viii) dispersed as minute globules in the other is known as: (a) Emulsion and many condition of the second secon (b) Suspension Pharmacyfreak. Pharmacyfreak.com (c) Syrup (d) Elixir drugs cannot fill alone into hard gelatin (ix) capsules: (a) Hygroscopic (b) Water soluble and long unput in (c) Liquids (d) Semisolid is the smallest size of the capsule: (x) osnolon**(a) i5**angpedi um stoldat kumpo p**irot**riji. (b) 0

[5] (c) 1 (d) 3 Glycerin act as in capsules: (xi) (a) Opacifier (b) Plasticizer (c) Coloring agent (d) Lubricant With the first of Pellets have size about um : (a) 1500 μm traganetonakati kur (b) 400 µm (c) 100 μm The Edentition of agent (d) 2500 µm trong to to topp () and Sulphur is used as azanav : and the (xiii) (a) Surface coating material of glass (b) Vulcanizing (curring) agent for rubber (c) In manufacturing of leaching proof plastic (d) None of the above 1. 1. 1. 1. 1. 1. 1. HEPA filters removes particles up to size:

TOM OF

(a) $0.1 \mu m$

[6]

- (b) $0.3 \, \mu m$
- (c) 5 µm
- (d) 0·1 mm
- is very common gram negative bacteria (xv)which are generally found in ophthalmic preparations: $(i_1,\dots,i_{p_1},\dots,i_{p_{q_n}})$
 - (a) Pseudomonas aeruginosa
 - (b) Bacillus subtilis
 - (c) Viruses

ON IN JULY ME THE

- (d) Tachypleusgigas
- Titanium dioxide is used in lipstic as:
 - (a) Hardening agent
 - (b) Opacifying agent
 - (c) Humectants and all lower of madeline
 - (d) Colouring agent
- (xvii) Cold creams are emulsion: c) In toundectoring of Encoding projection
 - (a) W/O
 - (b) O/W
 - (c) O/W/O literation of the second and AVEH.
 - (d) W/O/W

[7.]

- (xviii) type of valve is used to deliver a measured amount of dose:
 - (a) Spray valves
 - (b) Vapour tape valves
 - (c) Foam valves
 - (d) Metering valves
 - (xix) The package which has direct contact with the formulation is called as:
- narmacyfreak.com (a) Primary packaging macyfreak.com
 - to them (b). Secondary packaging my to return to multileze
 - (c) Tertiary packaging to the line points vo
 - (d) None of these
 - The transmission of gases, vapors or liquids from the surrounding environment into the plastic container is known as:
 - (a) Permeation
 - (b) Leaching
 - (c) Sorption
 - (d) Blooming

Pharmacyfreak.c

[8] La Lie sife included Part-'B' aclosago

(Long Anwer Type Questions)

Note: Attempt any two questions. Each question carries 10 marks.

- 2. Define and classify tablets. Write a note on different excipients used for formulation of tablet with brief discussion on manufacturing processes.
- 3. Define parenteral products. Mention various adjuvants used for parentreal preparations and brief discussion on evaluation of parenteral products.
- 4. What do you understand by the term cosmetics? Elaborate the cosmetic preparation with detail account of cosmetic in healthcare systems.

191

partition limited in Lease Part-'C'eming et le 19 7×5=35

(Short Answer Type Questions)

Note: Attempt any seven questions. Each question carries 5 marks.

- 5. Write difference between hard gelatin capsule and soft gelatin capsule.
- 6. Write a note on the formulation and preparation of Pharmacyfreak.com emulsion.
- 7. Define lipstick. Write a note on formulation and preparation of lipstick.
- 8. Define aerosol. Mention the advantages and disadvantages of aerosol.
- 9. Mention the quality control tests of tablets.
- 10. Explain tamper resistance packaging.
- 11. Define glass containers. Explain composition of glass. State the types of packaging material used for pharmaceutical packaging.

Pharmacyfræmkacyfræmkacyfreak.com

[10]

- **12.** What are quality control test involved in manufacturing of hard gelatin capsule.
- **13.** Brief discussion on various type of vehicles used in the formulation of parenteral preparations.

Pharmacyfræmkacyfræmkacyfreak.com

11. Inc lipstick Write a note on firmulation and preparation of lipstick.

It forfing acrossof Memory the governors and alisadvantages of acrossol.

It stands the quality equival tests of tablets.

IV. Explain turipm resistance packaging.

Datme place contained Lepton composition of class
State, the types of packaging material used for
pharmaceutical packaging

Pharmacyfræakace₃₄₁₅₅₂₍₄₁₎ accyfreak.com