

# Industrial Pharmacy - I

B.Pharm Improvement Internal Examination (2020-2021)

Date: 22/09/2020

Semester: 5

Subject: Industrial Pharmacy (BP502T)

Instructions:

1. All Questions are compulsory.
2. Each questions carry 1 mark.

\* Required

1. Email address \*

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2. 1. Soft Gelatin capsule have \_\_\_\_\_ moisture content then hard Gelatin capsule. Question \*

*Mark only one oval.*

- a) Low
- b) Equal
- c) High
- d) None of above

3. 2. On large scale soft Gelatin capsule are prepared by \_\_\_\_\_. \*

*Mark only one oval.*

- a) Seamless method
- b) Rotary die process
- c) Both a & b
- d) None of above

4. 3. Capsule are should be stored at \_\_\_\_ and \_\_\_\_ humidity level. \*

*Mark only one oval.*

- a) Dry , low  
 b) Dry , high  
 c) Cool , high  
 d) Cool , low

5. 4. Rotosort is an equipment used for sort out \_\_\_\_\_. \*

*Mark only one oval.*

- a) Filled capsules  
 b) Coated Tablets  
 c) Sealed Ampoules  
 d) All of the above

6. 5. Sealing of soft gelatin capsules done at \_\_\_\_ Temperature. \*

*Mark only one oval.*

- a) 20-25 C  
 b) 25-30 C  
 c) 30-35 C  
 d) 37-40 C

7. 6. \_\_\_\_\_ machine is used to filling of dry powder into soft gelatin capsules. \*

*Mark only one oval.*

- a) Accogel  
 b) Rotofill  
 c) Rotosort  
 d) Rotoweigh

8. 7. The disintegration time for soft gelatin capsules \_\_\_\_\_ minutes. \*

*Mark only one oval.*

- a) 60  
 b) 45  
 c) 15  
 d) 5

9. 8. If the capsules open and elongated after filling due to excessive filling, then this defect is known as \_\_\_\_\_ . \*

*Mark only one oval.*

- a) Lumpy  
 b) Denting  
 c) Popping  
 d) Telescoping

10. 9. Bloom strength of capsule shell is \_\_\_\_\_ . \*

*Mark only one oval.*

- a) 50-250 gm  
 b) 100-150 gm  
 c) 150-280 gm  
 d) 200-300 gm

11. 10. \_\_\_\_\_ defect occurs when the cap and body misalign and body part split which covers cap. \*

*Mark only one oval.*

- a) Lumpy  
 b) Denting  
 c) Popping  
 d) Telescoping

12. 11. What is the dosage form for the drug to be administered under the skin? \*

*Mark only one oval.*

- a) Subcutaneous  
 b) Transdermal  
 c) Topical  
 d) Both subcutaneous and transdermal

13. 12. Which of the following shows the type of parenteral dosage form? \*

*Mark only one oval.*

- a) Tablet  
 b) Elixir  
 c) Injection  
 d) All of the above

14. 13. Intramuscular injections are always given at a \_\_\_\_\_-degree angle. \*

*Mark only one oval.*

- a) 90 degree angle  
 b) 30 degree angle  
 c) 45 degree angle  
 d) 120 degree angle

15. 14. Commonly, medications for injection are packaged in a sterile container called a \_\_\_\_\_. \*

*Mark only one oval.*

- a) Vial  
 b) Bottle  
 c) Medication tube  
 d) Mini glass

16. 15. Terminal sterilisation is \_\_\_\_\_. \*

*Mark only one oval.*

- a) A process whereby a product is sterilized before filling in container  
 b) A process whereby a product is sterilized in its final container or packaging  
 c) A process whereby raw materials are sterilised before formulation  
 d) A process whereby only API's are sterilised

17. 16. 3. Oily injections are given by \_\_\_\_\_ route. \*

*Mark only one oval.*

- a) SC route  
 b) IM route  
 c) IP route  
 d) IV route

18. 17. penicillin G procaine suspension \_\_\_\_\_. \*

*Mark only one oval.*

- a) What are the devices for SVP  
 b) Example of Ready Suspension  
 c) Type of nonaqueous vehicles  
 d) Ex of powder reconstitution ready form

19. 18. As per G.M.P. permitted limit of solid content in water for injection is \_\_\_\_\_.\*

*Mark only one oval.*

- a) 0.1 ppm
- b) 1.0 ppm
- c) 10 ppm
- d) 100 ppm

20. 19. Which of the following is FALSE statement \*

*Mark only one oval.*

- a) Parenterals has 100% bioavailability
- b) Parenterals are sterile and pyrogen free
- c) Parenterals cause pain and discomfort
- d) Only aqueous formulations can be given parenterally

21. 20. A needle measurement in \_\_\_\_\_.\*

*Mark only one oval.*

- a) Ampules
- b) Bevel
- c) Heparin lock
- d) Gauge

22. 21. Which statement is not correct? \*

*Mark only one oval.*

- a) Buccal routes avoids first pass metabolism
- b) Parenteral route avoids first pass metabolism
- c) Sublingual route avoids first pass metabolism
- d) Oral route avoids first pass metabolism

23. 22. What percentage of applied drug is absorbed into the frontal segment of an eye? \*

*Mark only one oval.*

- a) 1 - 5 %  
 b) 10 - 15 %  
 c) 20 - 30 %  
 d) 40 - 50 %

24. 23. Which type of containers used for ophthalmic preparations? \*

*Mark only one oval.*

- a) Plastic dropper bottles, glass bottle with dropper, and metal tubes.  
 b) Glass vial and ampoules  
 c) Strip and Alu-Alu pack  
 d) None of the above

25. 24. Metal Particulate test for Which formulation? \*

*Mark only one oval.*

- a) Eye suspension  
 b) Eye drops  
 c) Eye lotion  
 d) Eye ointment

26. 25. Ophthalmic dosage forms administered inside the eye by injection are called \_\_\_\_\_.\* \*

*Mark only one oval.*

- a) Intraocular  
 b) Periocular  
 c) Intra-articular  
 d) None of the above

27. 26. Titanium dioxide is commonly present in \_\_\_\_\_.\*

*Mark only one oval.*

- a) Vanishing cream  
 b) Sunscreen cream  
 c) Aqueous calamine cream  
 d) Ophthalmic cream

28. 27. The spreadability of cold Cream is increased by adding \_\_\_\_\_.\*

*Mark only one oval.*

- a) Hard paraffin  
 b) Ozokerite  
 c) Vegetable oil  
 d) Isopropyl myristate



29. 28. The Creams which clean skin and removes dirt, dust, micro organism, sweat and make up are \_\_\_\_.\*

*Mark only one oval.*

- a) Soap  
 b) Vanishing Cream  
 c) Cleansing Cream  
 d) Cold Cream

30. 29. Vanishing creams are called so because \_\_\_\_.\*

*Mark only one oval.*

- a) They disappear during formulation mix  
 b) They vanish during removal from skin surface  
 c) They disappear after rubbing application  
 d) None of the above

31. 30. \_\_\_\_\_ organic chemical used in sun screens.\*

*Mark only one oval.*

- a) Zinc oxide  
 b) Titanium dioxide  
 c) Benzophenone  
 d) All of the above

32. 31. Surfactants are incorporated in the preparation of Dentifrice as they \_\_\_\_.\*

*Mark only one oval.*

- a) Aid in preparation of surface film  
 b) Produce foam  
 c) Removes debris  
 d) All the above

33. 32. \_\_\_\_ is the temperature at which the lipstick, lying flat, melts within the case and ooze out oil or flatten out. \*

*Mark only one oval.*

- a) Softening point  
 b) Flash point  
 c) Kraft point  
 d) Cloud point

34. 33. Selenium sulfide in shampoo is used as \_\_\_\_\_. \*

*Mark only one oval.*

- a) Conditioner  
 b) Cleansing  
 c) Antidandruff agent  
 d) Detergent

35. 34. Which one of the following device is used to increase the efficiency of drug delivery via aerosols? \*

*Mark only one oval.*

- a) Tube spacers  
 b) Metered valves  
 c) Actuator  
 d) Container

36. 35. Following propellant is used in topical aerosols. \*

*Mark only one oval.*

- a) Propellant 17
- b) Propellant 11
- c) Propellant 12
- d) Propellant 118

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