

Shree Manibhai Virani and Smt. Navalben Virani Science College (Autonomous), Rajkot
Affiliated to Saurashtra University, Rajkot

SEMESTER END EXAMINATION APRIL - 2018

B. Voc. Pharmaceutical Analysis & Quality Assurance

BVPAQA-404 – PHARMACEUTICAL TECHNOLOGY -I

Duration of Exam – 2.30 hrs

Semester – IV

Max. Marks – 70

Que. 1 (A) Answer the following Questions

[10]

1. Define Filtration.
2. In _____ mill, compressed air is passed from the bottom to get size reduction.
3. What is aperture tolerance average size?
4. Define Homogenization.
5. What are Cosmetics according to D & C act?
6. What are different terminologies used for Size reduction?
7. Enlist any two names of propellants which are used in pharmaceutical aerosols.
8. What are organized and unorganized crud drugs?
9. What is packaging?
10. Give any two names of polymers which are used to make plastics.

Que. 1 (B) Answer the following Questions

[20]

1. Explain in brief about various modes of size reduction.
2. Write about the different materials used to make sieves.
3. What are positive mixtures, negative mixtures, (give example).
4. What are the ideal characteristics of filter media?
5. Enlist the various types of Skin creams.
6. Define the terms: Slurry, Filtrate, Filter media and Filter cake.
7. What are the different parts of Valves in aerosol packaging?
8. Why stirring is not required in hanging process of Infusion type of extraction?
9. Discuss briefly Rubber as a material of closure.
10. Enlist different steps which are included in simple percolation process.

Que. 2 Answer the following Questions (Any Four)

[20]

1. Write a detailed note on general parts of Mill.
2. Classify the size separation methods.
3. Write a descriptive note on separation by sedimentation.
4. Write a detailed not on general ingredients used in cosmetic products.
5. Discuss Glass as a material of container.
6. Write a note on continuous hot percolation process.

Que. 3 Answer the following Questions (Any Four)

[20]

1. Explain Ball mill in detail.
 2. Give detailed classification of Cosmetic products.
 3. Write a detailed note on Cold cream. (Its formula, manufacturing procedure, packaging and use).
 4. Write a detailed note on Plate and Frame filter press.
 5. Discuss Cold filling technique for aerosol packaging.
 6. Write a note on triple maceration process.
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