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Roll No

CM-701(C) (GS)

B.E. VII Semester Examination, June 2020

Grading System (GS)

Pharmaceutical Technology

Time : Three Hours

Maximum Marks : 70

Note: i) Attempt any five questions.
ii) All questions carry equal marks.

1. Explain following tablet processing problems due to excipient : chipping, picking, binding, sticking, mottling.
2. List out appearance defects of tablets during compression activity?
3. a) Define tablets. Enumerate various classes of tablets. Discuss Hardness test OR Friability test for tablets.
b) Discuss evaluation of tablets as per IP. What are the common defects which can occur in compressed tablets? How can such defects be removed?
4. Write a detail note on use of mixing and drying in Pharmaceutical industries.
5. Enlist various IPQC tools for the evaluation of tablets. Explain F1 and F2 in case of dissolution of tablets.
6. What are pyrogens? Explain the sources of pyrogens in parenterals. Explain the principle of LAL test for pyrogen testing.

OR

Explain the Quality Control Tests For Pharmaceutical Capsules.

7. What are the ideal properties of Shampoo? Explain the various additives used in the formulation of shampoos?

OR

What are the different types of pharmaceutical packaging? What are the advantages and disadvantages of glass containers?

8. Answer any two of the following:
 - a) How does an Air Conditioner (AC) work?
 - b) What requirements must be met in order to obtain a sterile compounding permit?
 - c) What is the difference between calibration and validation?
 - d) What is the difference between a deodorant and an antiperspirant?
