



MCR-003-047503

Seat No. _____

B. Voc. (Pharm. Analysis & QA) (Sem. V) (CBCS)

Examination

May / June - 2018

BVPAQA - 503 : Pharmaceutical Technology - II

Faculty Code : 003

Subject Code : 047503

Time : 3 Hours]

[Total Marks : 70

- Instructions :** (1) All questions are compulsory.
(2) Draw diagram and/or scheme wherever necessary.

1 (a) Answer the following questions : 10

- (1) Define Tablets.
- (2) Hard gelatin capsule is also known as _____.
- (3) Name any two apparatus used for measuring tablet hardness.
- (4) Define Bloom strength.
- (5) 'Hygroscopic materials are best suitable for filling in Capsules.' True or False ?
- (6) What is Mottling ?
- (7) For thermolabile material, which granulation technique is used ?
- (8) What does it mean by sterile formulation ?
- (9) What is Immunity ?
- (10) Live attenuated vaccines consist of live bacteria or viruses which have been rendered avirulent.' True or False ?

- (b) Answer the following questions : **20**
- (1) What does mean by F, D and C colors ? How do they differ from the D & C colors ?
 - (2) Write about the ideal qualities of Excipients.
 - (3) Enlist various components of pharmaceutical suspension.
 - (4) What are different objectives of Tablet Coating ?
 - (5) What are the different routes of parenteral administration ? (Write any 4).
 - (6) Give classification of liquid dosage forms.
 - (7) Give a brief account on dosing of capsules.
 - (8) Give any four advantages of Capsules as compare to Tablets.
 - (9) Enlist the various types of glass ?
 - (10) Give difference between Active and Passive immunity.
- 2** Answer any 4 out of the following 6 questions : **20**
- (1) Give advantages and disadvantages of tablets.
 - (2) Give detailed formulation of Liquid dosage forms.
 - (3) (a) Write a short note on Emulsifying Agents.
(b) Write a short note on suspending agents and write about the qualities of good suspension.
 - (4) Write about the formulation of parenteral dosage form (especially SVI).
 - (5) Give difference between SVP & LVP.
 - (6) Give classification of various Immunological products.
- 3** Answer any 4 out of the following 6 questions : **20**
- (1) Write a short note on Buccal tablet.
 - (2) Write a note on size and shapes of capsules.
 - (3) Write a note on general requirements of parenteral formulation.
 - (4) Give a detailed account on steps involved in manufacturing of capsule shell.
 - (5) What are the official tests for tablets ? Write in brief about each of them.
 - (6) Explain in detail Processing of Parenterals.