



BBA-1612010701080100 Seat No. _____

M. P. M. (Sem. VIII) Examination

July - 2021

Pharmaceutical Technology - II

Time : 3 Hours]

[Total Marks : 80

- Instructions :** (1) Answer any three from each section except question 1 and 5 are compulsory
(2) Figure to the right indicates marks
(3) Draw neat and clean diagrams as required

SECTION - I

- 1** Answer Any **Seven** out of given Ten questions : **2×7=14**
- (a) Define Class 1000 area and its application.
 - (b) What are the difference between LVP and SVP?
 - (c) What are the advantages and disadvantages of Sterile Dosage Forms?
 - (d) Give definition of aerosol.
 - (e) What are the ideal requirements of semi-solid bases?
 - (f) What are advantages and disadvantages of semi-solids?
 - (g) Explain validation.
 - (h) Give definition of cosmetics.
 - (i) Enlist the components of aerosol container.
 - (j) What are the applications of ophthalmic preparations?
- 2** Answer the following :
- (a) Write a note on Form Fill and Seal. **7**
 - (b) Explain mechanisms of drug penetration through skin. **6**
- 3** Answer the following :
- (a) Explain methods of preparation of WFI. **7**
 - (b) Write a validation process for granulation. **6**

- 4 Answer the following :
- (a) Write a note on suppositories. 7
 - (b) What are semi-solid dosage forms? Classify them. 6
How will you select base for them ?

SECTION - II

- 5 Answer Any **Two** out of given Three questions : 2×7=14
- (a) Define and classify propellants. Discuss in detail about compressed gas propellants.
 - (b) Explain evaluation and packaging of semi-solids.
 - (c) Explain importance of records as per GMP.
- 6 Answer the following :
- (a) Define and Classify Shampoo. Write down common formulation of shampoo. 7
 - (b) Write down formulation and preparation of ophthalmic ointments. 6
- 7 Answer the following :
- (a) Write a note on Prefilled syringes. 7
 - (b) Explain the methods for manufacturing of aerosol. 6
- 8 Answer the following :
- (a) What is pyrogen? Explain method for identification presence of pyrogen. 7
 - (b) Explain requirements for Building, Equipment and Personnel as per GMP. 6
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