

B. PHARM
(SEM II) THEORY EXAMINATION 2017-18
GENERAL PHARMACY

*Time: 3 Hours**Total Marks: 70***Note:** Attempt all Sections. If require any missing data; then choose suitably.

SECTION A

- 1. Attempt *all* questions in brief. 2 x 7 = 14**
- a. What is the purpose of publishing pharmacopoeia?
 - b. Define the term pharmaceuticals.
 - c. Translate the Latin terms *b.i.d* and *s.o.s* in to English.
 - d. Give examples of any four coloring agents.
 - e. Define Posology.
 - f. What do you mean by term Dosage form?
 - g. What is sieve number?

SECTION B

- 2. Attempt any *three* of the following: 7 x 3 = 21**
- a. Mention the salient features of Indian pharmacopoeia 2014.
 - b. Discuss various parts of prescription.
 - c. Mention the various formulae for calculation of child dose.
 - d. Classify dosage forms with examples.
 - e. Discuss various laws governing size reduction.

SECTION C

- 3. Attempt any *one* part of the following: 7 x 1 = 7**
- (a) Write a note on Extra Pharmacopoeia.
 - (b) Discuss various parts of monograph as per I.P.
- 4. Attempt any *one* part of the following: 7 x 1 = 7**
- (a) Write a short note on sweetening and flavoring agents.
 - (b) Discuss pharmaceutical preservatives.
- 5. Attempt any *one* part of the following: 7 x 1 = 7**
- (a) Describe concept of proof spirit with suitable examples.
 - (b) Calculate the volume of each of 90%, 60%, 30% and water are required to produce 500 ml of 50% alcohol.
- 6. Attempt any *one* part of the following: 7 x 1 = 7**
- (a) Classify powders and discuss handling of eutectic powders.
 - (b) How you will prepare Simple Syrup I.P. and Simple Syrup U.S.P.
- 7. Attempt any *one* part of the following: 7 x 1 = 7**
- (a) Discuss factor influencing size reduction.
 - (b) Describe theory of mixing. Discuss any one solid-solid mixing equipment.