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Total Number of Pages: 2

B.PHARM
PH.1.5

1st Semester Back Examination 2016-17
PHARMACEUTICS-I (DISPENSING & COMMUNITY PHARMACY)
(According to Old Syllabus)
BRANCH: B.PHARM
Time: 3 Hours
Max Marks: 70
Q.CODE: Y673

Answer Question No.1 which is compulsory and any five from the rest.
The figures in the right hand margin indicate marks.

Q1 Answer the following questions: (2 x 10)

- a) What is international pharmacopoeia and its utility?
- b) Classify semisolid dosage forms with examples.
- c) Differentiate simple and compound powders.
- d) Mention the uses of aromatic waters.
- e) What is meaning of D/P and U/P of proof spirit?
- f) Differentiate ointment and paste.
- g) What are mucilages? Give any two examples.
- h) What are dry extracts?
- i) Write how to prepare 300ml of 60% v/v of alcohol from 80% v/v and 20% v/v of alcohol.
- j) Translate the following Latin terms:
 - (i) t.i.d
 - (ii) ante cibos
 - (iii) cochlear amplum
 - (iv) fiat pulvis

- Q2 a) Briefly describe in steps about the development and evolution of Indian Pharmacopoeia. (6)**
- b) Define the terms dose, dosage form and dosage regimen. Mention desirable properties of a dosage form. (4)**

Q3 What is a prescription? Explain the different parts of a prescription and their function. **(10)**

Q4 a) What is Soxhlet extraction? Describe the process of extraction by using a Soxhlet apparatus. **(6)**

b) Write on reserved percolation and its advantages. **(4)**

Q5 a) Define and classify emulsions and mention its advantages. Explain any four tests to identify emulsions. **(7)**

b) Write a brief note on causes of instability in emulsions. **(3)**

Q6 a) Define posology and discuss the various factors which affect the dose of a drug in detail. **(6)**

b) If the adult dose of a drug is 50m calculate the dose of a boy of 12 years and 75 pounds by (i) Clarks formula and (ii) Gaubins formula **(4)**

Q7 What do you mean by incompatibility? Classify incompatibilities. Describe in detail about Therapeutic incompatibilities with examples and remedies. **(10)**

Q8 Write notes on any two of the following: (5 X 2)

a) Milk of magnesia

b) Effervescent powders

c) Lozenges and their preparation

d) Suppository bases