UG Even Semester (CBCS) Exam., May—2017

PHARMACEUTICAL SCIENCES

(2nd Semester)

Course No. : BPH–203 (C)

[Pharmaceutics–II (Dispensing Pharmacy)]

Full Marks : 75
Pass Marks : 30

Time : 3 hours

The figures in the margin indicate full marks for the questions

Answer **five** questions, selecting **one** from each Unit

UNIT—I

1. *(a)* Discuss different parts of a prescription highlighting significance of each part. 10

(b) Draw the layout of a typical prescription. 5

2. *(a)* Discuss the different steps involved in the handling of prescription. 10

(b) Write a note on prescription errors and its sources. 5

UNIT—II

3. *(a)* Write a note on the metric and imperial system of weights and measures. 3+3=6

(b) Write short notes on alcohol dilution and proof spirit. 2½+2½=5

(c) Calculate the real strength of 40° OP and 50° UP alcohol. 2+2=4

4. *(a)* Discuss the different factors affecting dose and action of drugs with suitable examples. 12

(b) If the adult dose of a drug is 60 mg and the weight of the child is 14 kg. Calculate the child dose. 3

UNIT—III

5. Discuss the principles and procedures involved in the dispensing of suspension and emulsion. 7½+7½=15

6. Discuss the principles and procedures involved in the dispensing of ointment and suppository. 7½+7½=15

UNIT—IV

7. *(a)* What is pharmaceutical incompatibility and what are its types? 2+2=4

(b) Discuss physical and therapeutic incompatibility with suitable examples. 6+5=11

8. Discuss the following chemical incompatibility with suitable example : 7½×2=15

(a) Soluble salicylates with alkali bicarbonates

(b) Incompatibility causing evolution of gas

UNIT—V

9. *(a)* Discuss in detail the information given in the label of a compounded product. 5

(b) Draw the label layout of the following dosage forms : 5×2=10

(i) Suspension

(ii) Powder

(iii) Lotion

10. What to you mean by dispensing and dispensing pharmacy? Discuss in detail the general dispensing procedures and guidelines. 2+2+11=15

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