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Total No. of Pages : 02

Total No. of Questions : 18

Pharm. D. (Sem.-1)
PHARMACEUTICS
Subject Code : 1.2
Paper ID : [D0165]

Time : 3 Hrs.

Max. Marks : 70

INSTRUCTION TO CANDIDATES :

1. SECTION-A contain SEVEN questions. Attempt any FIVE questions. Each question will carry TWO marks. Attempt any SIX
2. SECTION-B contain EIGHT questions (Short Essay Type). questions. Each question will carry FIVE marks.
3. SECTION-C contain THREE questions (Long Essay Type). Attempt any TWO questions. Each question will carry FIFTEEN marks.

SECTION-A

- 1 Why liniments give a cooling sensation on application to skin?
- 2 What are throat paints? Mention the reason for including glycerol in throat paints.
- 3 Mention the ingredients of a mouth wash.
- 4 What is a compound powder? Give two examples.
- 5 Mention the uses of pessaries.
- 6 What is absorbable gelatin sponge?
- 7 What are emulsions? Enumerate the tests conducted for determining the type of emulsion.

SECTION-B

- 8 What is a pharmacopeia? Briefly mention the information it contains.
- 9 How many ml of a 1:400 (w/v) stock solution should be used to make 4 It of a 1:2000 (w/v) solution?

- 10 What are dusting powders? Classify them and mention the characteristics required of a good dusting powder.
- 11 Give examples of materials which when mixed together may explode. Mention the precautions to be taken while dispensing them in powder form.
- 12 Define liniments and distinguish them from lotions. Mention the ingredients of a liniment and comment on the need for adding them in liniment dosage form.
- 13 What is displacement value with respect to suppositories? Explain the utility of this value.
- 14 Explain tolerated and adjusted incompatibilities with suitable examples and mention their remedies.
- 15 Explain the infusion process of extraction and comment on its advantages and limitations.

SECTION-C

- 16 How many ml of 50% (w/v) dextrose solution and how many ml of 5% (w/v) dextrose solution are required to prepare 4500 ml of a 10 % (w/v) solution?
- 17 Classify stabilizers used in liquid preparations with examples. Highlight the role of anti oxidants in liquid preparations.
- 18 Classify enemas. Discuss the different types of enemas that are used giving examples of drugs incorporated in them.