PAPER ID-311280

Subject Code: **BP103T**

Roll No: | | | | | | | | | | | | | |

B PHARM
(SEM-I) THEORY EXAMINATION 2020-21
PHARMACEUTICS-I

Time: 3 Hours ***Total Marks: 75***

Note: 1. Attempt all Sections. If require any missing data; then choose suitably.

SECTION A

1. Attempt *all* questions in brief. 10 x 2 = 20

a.	Explain HLB system and Bancroft rule.
b.	State Fried's and Clark's formula.
c.	Determine 80 % v/v alcohol in terms of proof spirit.
d.	Name two emulsifying agent.
e.	How co-solvent improves solubility?
f.	What is the difference between Simple syrup IP and Simple syrup USP?
g.	Translate in English: (i) S.O.S (ii) collunarium.
h.	Give example of therapeutic incompatibility.
i.	What do you understand by blooming of suppositories?
j.	What do you understand be symbol R_x and signature in prescription?

SECTION B

2. Attempt any *two* parts of the following: 2 x 10 = 20

a.	What do you understand by Pharmacopoeia? Write a short note IP and BP.
b.	What do you understand by prescription? What are the different parts of prescription? Draw a sample for prescription.
c.	Define suspension. What is flocculated and deflocculated suspension? What is different parameter used for evaluation of suspension.

SECTION C

3. Attempt any *five* parts of the following: 7 x 5 = 35

a.	Calculate the volume of 95% of alcohol required to prepare 300 ml of 70 % alcohol by alligation method.
b.	What do you understand by psology? What is the different formula used to calculate dose according to age and body weight?
c.	Define Powder. Write a short note on Dusting powder and effervescent powder.
d.	Differentiate between: (i) Mouth was he and Gargles. (ii) Lotion and Liniment.
e.	Define Emulsion. Describe about the methods to identify instability
f.	What is the different option as a career in pharmacy
g.	Define suppositories. Explain about the ideal bases for suppositories.

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