

DO NOT WRITE ANYTHING ON YOUR QUESTION PAPER EXCEPT YOUR ROLL NO.
QUESTION PAPER CONTAINING ANYTHING WOULD BE TREATED AS MAL-PRACTICE
ANSWER THE QUESTIONS SERIALLY AND CONTINUOUSLY

Subject: PHARMACEUTICS - II (Theory)

Full Mark -80

Time -3 Hrs.

(Answer any five questions including question No. 1)

1. **A) Define the following terms in one sentence with maximum 20 words : (20x1)**
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|--------------------|--------------------|-----------------|------------------------|
| i) Ointment | ii) Potent drugs | iii) Lotion | iv) Displacement value |
| v) Cachets | vi) Efflorescent | vii) Dentifrice | viii) HEPA |
| ix) Antagonism | x) Pessaries | xi) Pyrogen | xii) Opacifying agent |
| xiii) Idiosyncrasy | xiv) Haemodialysis | xv) Cracking | |
- (B) Translate the following latin terms into English :**
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|---------------|------------|----------|----------------|---------------|
| i) Anti cibos | ii) Pulvis | iii) SOS | iv) Auristille | v) Cataplasma |
|---------------|------------|----------|----------------|---------------|
2. a) Define Parenteral preparations. Mention the advantages and disadvantages (2+3+7) of Parenteral preparations. Write a note on Leakage test and clarity test for the evaluation of parenteral preparations.
b) Write a note on Creaming of emulsion. (3)
3. Define Prescription, describe the different parts of an ideal prescription with a (2+10+3) neat & labelled diagram.
4. a) Define the term incompatibility. (2+2+11)
b) What are the different types of incompatibilities?
c) Explain in detail about Chemical incompatibilities what occur due to evolution of carbon dioxide.
5. a) Explain the term posology. (2)
b) Discuss various factors that affect the dose of a drug. (6)
c) Write the Young's formula. (4)
d) Calculate the dose for 6 months old infant when the adult dose of a drug is 100mg. (3)
6. a) Define Emulsion (1)
b) What are different types of emulsions? (2)
c) Briefly discuss various methods used for preparation of emulsion (7)
d) Explain about various identification tests for an emulsion (5)
7. **Write short notes on any three (5x3)**
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|--------------------------|
| a) Antiperspirants |
| b) Depilatories |
| c) Contact lens solution |
| d) Facial Cosmetics |


