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**BRAINWARE UNIVERSITY**

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Term End Examination 2025-2026**Programme – B.Pharm-2022/B.Pharm-2023/B.Pharm-2024/B.Pharm-2025****Course Name – Pharmaceutics I****Course Code - BP103T****(Semester I)****Full Marks : 75****Time : 3:0 Hours**

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 20=20

1. Choose the correct alternative from the following :

- (i) Identify the year in which the second edition of the pharmacopoeia of India was published.
- | | |
|---------|---------|
| a) 1966 | b) 1975 |
| c) 1970 | d) 1968 |
- (ii) State the edition of Pharmacopoeia in which monographs on vaccines for hepatitis B have been revised.
- | | |
|-----------|----------|
| a) second | b) third |
| c) forth | d) fifth |
- (iii) Select the correct one, the liniments can be applied _____.
- | | |
|-----------------------------------|------------------|
| a) internally | b) externally |
| c) both internally and externally | d) none of these |
- (iv) Select the meaning of a.l.
- | | |
|-----------------|-----------------|
| a) to right ear | b) to left ear |
| c) to left eye | d) to right eye |
- (v) Select the correct meaning of b.i.d. , b.d.
- | | |
|----------------------|---------------------|
| a) once a day | b) twice a day |
| c) three times a day | d) four times a day |
- (vi) Select the correct meaning of o.m.
- | | |
|------------------|-------------------------|
| a) every morning | b) breakfast |
| c) every night | d) early in the morning |
- (vii) Select the correct meaning of p.c.
- | | |
|-----------------|------------------|
| a) before meals | b) between meals |
| c) after meals | d) slowly |
- (viii) Indicate the correct one, the type of elixirs is _____.
- | | |
|-----------------------|-------------------|
| a) tasteless aromatic | b) salty aromatic |
|-----------------------|-------------------|

- c) sweet aromatic d) none of these
- (ix) Indicate the correct one, lotions applied for external application _____.
- a) with friction b) without friction
c) both with friction and without friction d) none of these
- (x) Select the correct one, the meaning of posology is _____.
- a) dose of drug b) dispensing procedure of a drug
c) route of administration of a drug d) none of these
- (xi) State the year when first USP was published.
- a) 1820 b) 1864
c) 1945 d) 1955
- (xii) Indicate the route via which rehydration solutions are given.
- a) I.V. Route b) S. C. Route
c) I.M. Route d) Intra-dermal Route
- (xiii) Choose the correct duration of validity of a legal prescription.
- a) 6 months b) 1 year
c) 3 months d) 2 years
- (xiv) Select the correct one, _____ are the types of capsules.
- a) Hard gelatin capsules and soft gelatin capsules b) Hard gelatin capsules and layered capsules
c) Soft gelatin capsules and compressed capsules d) Compressed and layered capsules
- (xv) Determine the thing is eliminated by sterilization.
- a) Bacteria b) Fungus
c) Moulds d) None of these
- (xvi) Calculate the amount of 95% alcohol required to prepare 600 ml of 60% alcohol.
- a) 300 ml b) 350 ml
c) 379 ml d) 385 ml
- (xvii) Report where 'Shake well before use' is to be mentioned.
- a) Mouth washes b) Suspension
c) Elixirs d) Tablet triturate
- (xviii) Predict Physical incompatibilities can be corrected by
- a) Order of mixing b) Alteration of solvents
c) Alteration of volumes d) All of these
- (xix) Judge when synergism occurs
- a) Drugs are taken in a short interval b) Drugs are accumulated in the body
c) Two or more drugs are used in combination and their action increased d) None of these
- (xx) State the edition of Pharmacopoeia in which a number of general monographs e.g. eye preparations, nasal preparations, oral liquids, Pessaries, suppositories etc. have been included.
- a) second b) third
c) forth d) fifth

Group-B

(Short Answer Type Questions)

5 x 7=35

2. Explain the identification tests of emulsions. (5)
3. State the years in which Indian Pharmacopoeia got published and the chairmen, under whom it got published. (5)
4. Explain suppositories in detail. (5)
5. Memorize synergism and antagonism. (5)
6. Describe the factors influencing dose of a drug in animals. (5)

7. Write down in detail about the glycerogelatin base used in a suppository. (5)

OR

Write down the preparation process of suppository by fusion method. (5)

8. Explain creaming and cracking in emulsion in detail. (5)

OR

Explain creaming with proper equation. (5)

Group-C

(Long Answer Type Questions)

10 x 2=20

9. Describe advantages and disadvantages of solid dosage form. (10)

10. Illustrate dosage forms. (10)

OR

Compare the solid and liquid dosage forms. (10)

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