



OPJS UNIVERSITY CHURU

Annual Examination -2023

| | |
|---------|-----------------|
| DPY 101 | Pharmaceutics-1 |
|---------|-----------------|

Time: - 03.00 HrsMax Marks: -80

| | | | | | | | | | |
|---------|--|--|--|--|--|--|--|--|--|
| Roll No | | | | | | | | | |
|---------|--|--|--|--|--|--|--|--|--|

Note: - Attempt any five questions. All Questions Carry Equal Marks.

- Q1. Describe aerosol container with labelled diagram.
- Q2. Explain construction and working of Cutter Mill or Hammer Mill.
- Q3. Explain the working of ball mill with a well labelled diagram and give any two advantages.
- Q4. Explain construction and working of cyclone separator with a welllabelled diagram.
- Q5. Describe the stages of percolation.
- Q6. Explain various grades of powders.
- Q7. Write the applications of simple distillation in pharmacy.



OPJS UNIVERSITY CHURU

Annual Examination -2023

| | |
|---------|-----------------|
| DPY 101 | Pharmaceutics-1 |
|---------|-----------------|

Time: - 03.00 HrsMax Marks: -80

| | | | | | | | | | |
|---------|--|--|--|--|--|--|--|--|--|
| Roll No | | | | | | | | | |
|---------|--|--|--|--|--|--|--|--|--|

Note: - Attempt any five questions. All Questions Carry Equal Marks.

- Q1. Describe aerosol container with labelled diagram.
- Q2. Explain construction and working of Cutter Mill or Hammer Mill.
- Q3. Explain the working of ball mill with a well labelled diagram and give any two advantages.
- Q4. Explain construction and working of cyclone separator with a well labelled diagram.
- Q5. Describe the stages of percolation.
- Q6. Explain various grades of powders.
- Q7. Write the applications of simple distillation in pharmacy.



OPJS UNIVERSITY CHURU

Annual Examination -2023

| | |
|---------|----------------------------|
| DPY 103 | Pharmaceutical Chemistry-1 |
|---------|----------------------------|

Time: - 03.00 HrsMax Marks: -80

| | | | | | | | | | |
|---------|--|--|--|--|--|--|--|--|--|
| Roll No | | | | | | | | | |
|---------|--|--|--|--|--|--|--|--|--|

Note: - Attempt any five questions. All Questions Carry Equal Marks.

- Q1. Discuss mechanism of action of antioxidants. Give properties and uses of hydrogen peroxide.
- Q2. Write molecular formula and uses of ammonium chloride and sodium bicarbonate.
- Q3. Define quality control and give its importance in pharmacy.
- Q4. Write properties and uses of sodium thiosulphate and sodium nitrite.
- Q5 Give uses, storage condition and labeling of carbon dioxide gas.
- Q6. Explain Arrhenius theory of acids and bases with example. Give its limitations.
- Q7. Define antimicrobial agents. Explain mechanism of action of topical antimicrobials.



OPJS UNIVERSITY CHURU

Annual Examination -2023

| | |
|---------|----------------------------|
| DPY 103 | Pharmaceutical Chemistry-1 |
|---------|----------------------------|

Time: - 03.00 HrsMax Marks: -80

| | | | | | | | | | |
|---------|--|--|--|--|--|--|--|--|--|
| Roll No | | | | | | | | | |
|---------|--|--|--|--|--|--|--|--|--|

Note: - Attempt any five questions. All Questions Carry Equal Marks.

- Q1. Discuss mechanism of action of antioxidants. Give properties and uses of hydrogen peroxide.
- Q2. Write molecular formula and uses of ammonium chloride and sodium bicarbonate.
- Q3. Define quality control and give its importance in pharmacy.
- Q4. Write properties and uses of sodium thiosulphate and sodium nitrite.
- Q5 Give uses, storage condition and labeling of carbon dioxide gas.
- Q6. Explain Arrhenius theory of acids and bases with example. Give its limitations.
- Q7. Define antimicrobial agents. Explain mechanism of action of topical antimicrobials.



OPJS UNIVERSITY CHURU

Annual Examination -2023

| | |
|---------|---------------|
| DPY 105 | Pharmacognosy |
|---------|---------------|

Time: - 03.00 HrsMax Marks: -80

| | | | | | | | | | |
|---------|--|--|--|--|--|--|--|--|--|
| Roll No | | | | | | | | | |
|---------|--|--|--|--|--|--|--|--|--|

Note: - Attempt any five questions. All Questions Carry Equal Marks.

- Q1. Write official requirements of surgical dressings.
- Q2. Explain chemical method of classification of crude drug with its merit and demerit.
- Q3. Define Glycosides. Classify it on the basis of Glycosidic linkage with example.
- Q4. Write the synonyms, biological source, chemical constituents of 'Gokhru' OR 'Gymnema'.
- Q5. Write the method of cultivation and collection of 'Rauwolfia'.
- Q6. Describe the different techniques (any three) for isolation of volatile oils.
- Q7. Draw a well labelled diagram of T. S of cinnamon bark and describe any four microscopical characters.



OPJS UNIVERSITY CHURU

Annual Examination -2023

| | |
|---------|---------------|
| DPY 105 | Pharmacognosy |
|---------|---------------|

Time: - 03.00 HrsMax Marks: -80

| | | | | | | | | | |
|---------|--|--|--|--|--|--|--|--|--|
| Roll No | | | | | | | | | |
|---------|--|--|--|--|--|--|--|--|--|

Note: - Attempt any five questions. All Questions Carry Equal Marks.

- Q1. Write official requirements of surgical dressings.
- Q2. Explain chemical method of classification of crude drug with its merit and demerit.
- Q3. Define Glycosides. Classify it on the basis of Glycosidic linkage with example.
- Q4. Write the synonyms, biological source, chemical constituents of 'Gokhru' OR 'Gymnema'.
- Q5. Write the method of cultivation and collection of 'Rauwolfia'.
- Q6. Describe the different techniques (any three) for isolation of volatile oils.
- Q7. Draw a well labelled diagram of T. S of cinnamon bark and describe any four microscopical characters.



OPJS UNIVERSITY CHURU

Annual Examination -2023

| | |
|---------|----------------------------|
| DPY 107 | Human Anatomy & Physiology |
|---------|----------------------------|

Time: - 03.00 HrsMax Marks: -80

| | | | | | | | | | |
|---------|--|--|--|--|--|--|--|--|--|
| Roll No | | | | | | | | | |
|---------|--|--|--|--|--|--|--|--|--|

Note: - Attempt any five questions. All Questions Carry Equal Marks.

- Q1. Explain the structure and function of Ovaries.
- Q2. Draw diagram of conducting system of heart. Explain cardiac cycle.
- Q3. Draw V. S. of skin. Explain role of skin in maintenance of body temperature.
- Q4. Explain the term menstruation. Describe in detail the phases of Menstrual Cycle.
- Q5. Give the composition of bile and its functions.
- Q6. Describe :
(i) Hyperthyroidism (ii) Hypothyroidism
- Q7. Compare Autonomic Nervous System (ANS) with Central Nervous System (CNS).



OPJS UNIVERSITY CHURU

Annual Examination -2023

| | |
|---------|----------------------------|
| DPY 107 | Human Anatomy & Physiology |
|---------|----------------------------|

Time: - 03.00 HrsMax Marks: -80

| | | | | | | | | | |
|---------|--|--|--|--|--|--|--|--|--|
| Roll No | | | | | | | | | |
|---------|--|--|--|--|--|--|--|--|--|

Note: - Attempt any five questions. All Questions Carry Equal Marks.

- Q1) Give a short account of Millenium Development Goals.
- Q2) Write short note on immunization schedule for children in India.
- Q3) Write short note on importance of breast feeding.
- Q4) Define social Pharmacy. Describe the determinants of health.
- Q5) Name the various methods of family planning. Discuss in short on mechanical contraceptives.
- Q6) Discuss the Indian perspective of National Health Policy.
- Q7) What is pharmaco economics? Describe its importance in India patients.



OPJS UNIVERSITY CHURU

Annual Examination -2023

| | |
|---------|-----------------|
| DPY 109 | SOCIAL PHARMACY |
|---------|-----------------|

Time: - 03.00 HrsMax Marks: -80

| | | | | | | | | | |
|---------|--|--|--|--|--|--|--|--|--|
| Roll No | | | | | | | | | |
|---------|--|--|--|--|--|--|--|--|--|

Note: - Attempt any five questions. All Questions Carry Equal Marks.

- Q1) Give a short account of Millenium Development Goals.
- Q2) Write short note on immunization schedule for children in India.
- Q3) Write short note on importance of breast feeding.
- Q4) Define social Pharmacy. Describe the determinants of health.
- Q5) Name the various methods of family planning. Discuss in short on mechanical contraceptives
- Q6) Discuss the Indian perspective of National Health Policy.
- Q7) What is pharmaco economics? Describe its importance in India patients.



OPJS UNIVERSITY CHURU

Annual Examination -2023

| | |
|---------|-----------------|
| DPY 109 | SOCIAL PHARMACY |
|---------|-----------------|

Time: - 03.00 HrsMax Marks: -80

| | | | | | | | | | |
|---------|--|--|--|--|--|--|--|--|--|
| Roll No | | | | | | | | | |
|---------|--|--|--|--|--|--|--|--|--|

Note: - Attempt any five questions. All Questions Carry Equal Marks.

- Q1) Give a short account of Millenium Development Goals.
- Q2) Write short note on immunization schedule for children in India.
- Q3) Write short note on importance of breast feeding.
- Q4) Define social Pharmacy. Describe the determinants of health.
- Q5) Name the various methods of family planning. Discuss in short on mechanical contraceptives
- Q6) Discuss the Indian perspective of National Health Policy.
- Q7) What is pharmaco economics? Describe its importance in India patients.

