

## OCTOBER MONTH SYLLABUS FOR DAILY-11

### PHARMACEUTICS

#### PHYSICAL PHARMACEUTICS (PHYSICAL CHEMISTRY)

- 1) Complete Syllabus

#### PHYSICAL PHARMACEUTICS (PHYSICAL PHARMACY)

- 1) Complete Syllabus

#### DISPENSING AND HOSPITAL PHARMACY

- 1) Complete Syllabus

#### PHARMACEUTICS (DOSAGE FORM)

- 1) Ophthalmic Dosage form
- 2) Preformulation
- 3) Packaging Material
- 4) Stability of Dosage form

#### BIOPHARMACEUTICS

- 1) Biopharmaceutics (ADME / PK)

#### PHARMACEUTICAL ENGINEERING

- 1) Complete Syllabus

#### PHARMACEUTICAL MANAGEMENT

- 1) Complete Syllabus

#### PHARMACEUTICAL JURISPRUDENCE

- 1) Prevention of Cruelty
- 2) Factory Act
- 3) Prevention of Cruelty to animals
- 4) Consumer Protection Act
- 5) Prevention of Food Adulteration act

#### MICROBIOLOGY and BIOTECH

- 1) Complete Syllabus

## OCOTBER MONTH SYLLABUS FOR DAILY-11

### PHARMA CHEMISTRY

#### ORGANIC CHEMISTRY

- 1) Bridged Ring System
- 2) Pericyclic Reactions
- 3) Carbonyl Chemistry

#### HETEROCYCLIC CHEMISTRY

- 1) Heterocyclic chemistry

#### STEREOCHEMISTRY

- 1) Complete Syllabus.

#### PHARMACEUTICAL INORGANIC CHEMISTRY

- 1) Complete Syllabus agent

#### BIOCHEMISTRY

- 1) Complete Syllabus

#### MEDICINAL CHEMISTRY

- 1) Antibiotics. Penicillins, cephalosporins & other beta-lactam Beta-lactamase
- 2) Chloramphenicol. Tetracyclines. Aminoglycoside, Macrolide antibiotics.
- 3) Lincomycins. Polypeptide antibiotics.
- 4) Anticancer agents including Anticancer antibiotics

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### PHARMACOGNOSY

- 1) Alkaloids
- 2) Carbohydrates / Lipids / Enzymes
- 3) Tannins / Volatile oil / Resin
- 4) Glycosides
- 5) Microscopy features associated with Alkaloids and Glycosides only

### PHARM. ANALYSIS

#### TITRIMETRIC TECHNIQUES

- 1) Potentiometry / Polarography / Conductometry

#### SPECTROSCOPY AND SPECTROPHOTOMETRY

- 1) Ultra-violet spectroscopy
- 2) Spectrofluorimetry
- 3) Infra-red Spectroscopy
- 4) Mass Spectroscopy

#### Chromatography

- 1) Introduction to chromatography Principles
- 2) Classification of Chromatographic Techniques

### PHARMACOLOGY

#### HUMAN ANATOMY AND PHYSIOLOGY

- 1) Complete Syllabus

#### PATHOPHYSIOLOGY

- 1) Complete Syllabus

#### PHARMACOLOGY

- 1) Chemotherapy for microbials
- 2) Chemotherapy for malignancy



**PHARMACOLOGY Question Composition matrix for month of July**
**(Daily -11 based on PHARMACOLOGY: Every Sunday and Monday)**

	July	August	September	October	November	December	January
HUMAN ANATOMY	7	6	4	3	3	3	3
PATHOLOGY	3	3	4	4	2	2	3
PHARMACOLOGY	1	2	3	4	6	6	5
	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>

**PHARMACEUTICAL ANALYSIS Question Composition matrix for month of July**
**(Daily -11 based on PHARMACEUTICAL ANALYSIS: Every Wednesday)**

	July	August	September	October	November	December	January
TITRIMETRIC TECHNIQUES	7	6	4	3	3	3	3
SPECTROSCOPY & SPECTROPHOTOMETRY	4	3	4	5	5	5	5
THERMAL TECHNIQUES	0	2	2	2	1	1	2
RADIOANALYTICAL TECHNIQUES	0	0	1	1	2	2	1
	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>

**WEEKLY SCHEDULE OF DAILY-11**


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**SUNDAY**


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**MONDAY**


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**TUESDAY**


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**WEDNESDAY**


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**THURSDAY**


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**FRIDAY**


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**SATURDAY**


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**PHARMACOLOGY**


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**PHARMACOLOGY**


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**PHARMA CHEM**


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**PHARMA ANALYSIS**


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**PHARMACOGNOSY**


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**PHARMACEUTICS**


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**PHARMACEUTICS**


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