



# JC COLLEGE OF PHARMACY

## Sira Tumkur Karnataka - 572137

Contact No: 8884155599 / 8722929949

Email: [jccollegeofpharmacy@gmail.com](mailto:jccollegeofpharmacy@gmail.com)

[www.jccollegeofpharmacy.com](http://www.jccollegeofpharmacy.com)

### Scheme of Question Papers- II-D. Pharm- ER 2020

Pharmacology						
Sl No	Chapter Name	1M	3M	5M	Total Marks	
1	General pharmacology	3	1	1	11	
2	Drugs acting on the peripheral nervous system	3	1	1	11	
3	Drugs acting on the eye	2	0	0	2	
4	Drugs acting on the central nervous system	3	1	1	11	
5	Drugs acting on the cardiovascular system	0	1	1	08	
6	Drugs acting on blood and blood forming organs	2	1	0	5	
7	Dugs Acting on Respiratory system	0	1	0	3	
8	Drugs acting on gastrointestinal tract	2	1	0	5	
9	Drugs acting on kidney	1	1	0	4	
10	Hormones and hormone antagonist	1	1	1	9	
11	Autocoids	1	1	0	4	
12	Chemotherapeutic agents	0	1	2	13	
13	Biologicals	2	0	0	2	

Join us for Lifetime  
Pharmacy Education &  
Professional Guidance



JC College of Pharmacy Tumkur Karnataka

For Admissions Contact: 8884155599 / 8722929949



# JC COLLEGE OF PHARMACY

## Sira Tumkur Karnataka - 572137

Contact No: 8884155599 / 8722929949

Email: [jccollegeofpharmacy@gmail.com](mailto:jccollegeofpharmacy@gmail.com)

[www.jccollegeofpharmacy.com](http://www.jccollegeofpharmacy.com)

### Scheme of Question Papers- II-D. Pharm- ER 2020

Community pharmacy						
SI No	Chapter Name	1M	3M	5M	Total Marks	
1	Community Pharmacy Practice	1	1	0	4	
2	Professional Responsibilities of Community Pharmacists	2	1	0	5	
3	Prescription and Prescription Handling	2	1	1	10	
4	Communication Skills	2	1	0	5	
5	Patient Counselling	2	1	1	10	
6	Medication adherence	3	0	0	3	
7	Health Screening Services in Community Pharmacy	3	1	0	6	
8	Over the Counter Medications (OTC)	3	2	2	19	
9	Community Pharmacy Management	2	3	3	26	

JC COLLEGE OF PHARMACY

Join us for Lifetime  
Pharmacy Education &  
Professional Guidance



JC College of Pharmacy Tumkur Karnataka

For Admissions Contact: 8884155599 / 8722929949



# JC COLLEGE OF PHARMACY

## Sira Tumkur Karnataka - 572137

Contact No: 8884155599 / 8722929949

Email: [jccollegeofpharmacy@gmail.com](mailto:jccollegeofpharmacy@gmail.com)

[www.jccollegeofpharmacy.com](http://www.jccollegeofpharmacy.com)

### Scheme of Question Papers- II-D. Pharm- ER 2020

BIOCHEMISTRY					
Sl No	Chapter Name	1M	3M	5M	Total Marks
1	Introduction to Biochemistry	1	0	0	1
2	Carbohydrates	1	1	1	9
3	Proteins	1	1	1	9
4	Lipids	1	0	1	6
5	Nucleic acids	1	1	0	4
6	Enzymes	2	1	1	10
7	Vitamins	2	1	1	10
8	Metabolism	5	2	2	21
9	Minerals	2	1	0	5
10	Water and Electrolytes	1	1	0	4
11	Introduction to Biotechnology	1	0	0	1
12	Organ Function Tests	1	1	0	4
13	Introduction to Pathology of Blood and Urine	1	1	0	4

Join us for Lifetime  
Pharmacy Education &  
Professional Guidance



JC College of Pharmacy Tumkur Karnataka

For Admissions Contact: 8884155599 / 8722929949



# JC COLLEGE OF PHARMACY

## Sira Tumkur Karnataka - 572137

Contact No: 8884155599 / 8722929949

Email: [jccollegeofpharmacy@gmail.com](mailto:jccollegeofpharmacy@gmail.com)

[www.jccollegeofpharmacy.com](http://www.jccollegeofpharmacy.com)

### Scheme of Question Papers- II-D. Pharm- ER 2020

#### Pharmacotherapeutics

SI No	Chapter Name	1M	3M	5M	Total Marks
1	Pharmacotherapeutics - Introduction	1	1	0	4
2	a) Cardiovascular System	1	2	1	12
3	b) Respiratory System	1	1	0	4
4	c) Endocrine System	1	1	1	9
5	d) Central Nervous System	1	1	2	14
6	e) Gastrointestinal Disorders	1	1	1	9
7	f) Hematological Disorders	1	1	0	4
8	g) Infectious Diseases	2	1	2	15
9	h) Musculoskeletal Disorders	2	1	0	5
10	i) Dermatology	2	0	0	2
11	j) Psychiatric Disorders	2	1	0	5
12	k) Ophthalmology	1	0	0	1
13	l) Anti-Microbial Resistance	1	0	0	1
14	m) Women's Health	3	0	0	3

Join us for Lifetime  
Pharmacy Education &  
Professional Guidance



JC College of Pharmacy Tumkur Karnataka

For Admissions Contact: 8884155599 / 8722929949



# JC COLLEGE OF PHARMACY

## Sira Tumkur Karnataka - 572137

Contact No: 8884155599 / 8722929949

Email: [jccollegeofpharmacy@gmail.com](mailto:jccollegeofpharmacy@gmail.com)

[www.jccollegeofpharmacy.com](http://www.jccollegeofpharmacy.com)

### Scheme of Question Papers- II-D. Pharm- ER 2020

#### HOSPITAL AND CLINICAL PHARMACY

SI No	Chapter Name	1M	3M	5M	Total Marks
1	Hospital Pharmacy	1	1	0	4
2	Different Committees in the Hospital	1	1	1	9
3	Supply Chain and Inventory Control	2	1	2	15
4	Drug Distribution	1	1	1	9
5	Compounding in Hospitals	2	1	0	5
6	Radio Pharmaceuticals	1	0	0	1
7	Applications of Computers in Hospital Pharmacy Practice	2	1	0	5
8	Clinical Pharmacy	2	2	2	18
9	Clinical laboratory Test Used in the Evolution of Diseases States – Significance and Interpretation of Test Results	3	1	1	11
10	Poisoning	1	1	0	4
11	Pharmacovigilance	2	0	0	2
12	Medication errors	2	1	0	5

Join us for Lifetime  
Pharmacy Education &  
Professional Guidance



JC College of Pharmacy Tumkur Karnataka

For Admissions Contact: 8884155599 / 8722929949



# JC COLLEGE OF PHARMACY

## Sira Tumkur Karnataka - 572137

Contact No: 8884155599 / 8722929949

Email: [jccollegeofpharmacy@gmail.com](mailto:jccollegeofpharmacy@gmail.com)

[www.jccollegeofpharmacy.com](http://www.jccollegeofpharmacy.com)

### Scheme of Question Papers- II-D. Pharm- ER 2020

#### Pharmacy law and ethics

SI No	Chapter Name	1M	3M	5M	Total Marks
1	General Principles of Laws	2	0	0	2
2	Pharmacy Act 1948	0	1	1	8
3	Drugs and Cosmetics Act 1940 and Rules 1945 and New Amendments	1	2	2	17
4	Narcotic Drugs and Psychotropic Substances Act 1985 and Rules	1	1	0	4
5	Drugs and Magic Remedies (Objectionable Advertisements) Act 1954	1	1	0	4
6	Prevention of Cruelty to Animals Act-1960	1	1	0	4
7	Poisons Act-1919	0	1	0	3
8	FSSAI (Food Safety and Standards Authority of India) Act and Rules	1	0	0	1
9	National Pharmaceutical Pricing Authority	2	1	1	10
10	Code of Pharmaceutical Ethics	0	0	1	5
11	Medical Termination of Pregnancy Act and Rules	0	1	0	3
12	Role of all the government pharma regulator bodies	0	1	0	3

Join us for Lifetime  
Pharmacy Education &  
Professional Guidance



JC College of Pharmacy Tumkur Karnataka

For Admissions Contact: 8884155599 / 8722929949



# JC COLLEGE OF PHARMACY

## Sira Tumkur Karnataka - 572137

Contact No: 8884155599 / 8722929949

Email: [jccollegeofpharmacy@gmail.com](mailto:jccollegeofpharmacy@gmail.com)

[www.jccollegeofpharmacy.com](http://www.jccollegeofpharmacy.com)

### Scheme of Question Papers- II-D. Pharm- ER 2020

13	Good Regulatory practices	1	1	1	9
14	Introduction to BCS system of classification, Basic concepts of Clinical Trials, ANDA, NDA, New Drug development, New Drugs and Clinical Trials Rules, 2019. Brand v/s Generic, Trade name concept, Introduction to Patent Law and Intellectual Property Rights, Emergency Use Authorization	1	0	1	6
15	Blood bank – basic requirements and functions	2	0	0	2
16	Clinical Establishment Act and Rules – Aspects related to Pharmacy	1	0	0	1
17	Biomedical Waste Management Rules 2016	2	0	0	2
18	Bioethics	1	0	0	1
19	Introduction to the Consumer Protection Act	1	0	0	1
20	Introduction to the Disaster Management Act	1	0	0	1
21	Medical Devices	1	0	0	1

### JC COLLEGE OF PHARMACY

Join us for Lifetime  
Pharmacy Education &  
Professional Guidance



JC College of Pharmacy Tumkur Karnataka

For Admissions Contact: 8884155599 / 8722929949