	Sanjay Ghodawat University, Kolhapur EstablishedasStatePrivateUniversityunderGovt.ofMaharashtra.ActNoXL,2017	2020-20 EXM/P/09/00

Year andProgram 2020-21	School of Pharmaceutical Sciences	Department: Pharmacy
CourseCode DP206T	CourseTitle: Hospital and Clinical Pharmacy	Annual Pattern (Part-II)
Date:Tuesday,25.05.2021	Examination:Annualexam	MaxMarks:50 Time:2hrs

Instructions 1. 1)All the questions are compulsory.
2) Draw the diagrams wherever necessary.
3) Figures to the right indicates full marks

			Marks	Bloom's Level	CO
Q.1		**Shortanswerquestion.** **AnsweranySix outofEight (2 x 6)**	**12**		
	a	Define:prescription, bioavailability	02	1	1
	b	Give normal Value of Blood pressure, Blood cholesterol	02	1	1
	c	Define: Hospital pharmacy and clinical pharmacy	02	1	1
	d	Define; ADR and Hypertension	02	1	1
	e	Define universal antidote and give its composition	02	1	1
	f	Define: Laxative, purgative	02	1	1
	g	Mention suitable method of sterilization of sutures and surgical cotton	02	1	1
	h	Define PCT and give its composition.	02	1	1
Q.2		**Explain with suitable diagram, flow chart and Reaction.** **Answer any Three out of Five (3x3)**	**09**		
	a	Explain the requirement and abilities required for hospital pharmacist.	03	2	4
	b	Explain the satellite pharmacy service	03	2	2
	c	Explain the objectives and methods of inventory control	03	2	2
	d	Explain the hospital formulary system	03	2	2
	e	Explain the Unit Dose system in hospital	03	2	2
Q3		**Illustrate following with suitable example.** **Answer any Three out of Five (3x3)**	**09**		
	a	Describe different software used in hospital pharmacy	03	2	4
	b	Describe IP test for the surgical cotton.	03	2	3
	c	Describe the role of pharmacist in patient compliance with suitable example	03	2	3
	d	Describe the symptoms and causative organism of TB	03	2	3
	e	Describe symptoms, treatment of organophasporus or barbiturate poisoning	03	2	3
Q.4		**Write a short note on following** **Answer any Two out of Three (3x2)**	**06**		
	a	Discuss the term, general patient, referred patient, emergency out patient.	03	2	3
	b	Explain the factors affecting bioavailability.	03	2	3
	c	Describe the mechanism of drug interactions	03	2	3
Q.5		**Discuss the following** **Answer any Two out of Three (3x2)**	**06**		
	a	Illustrate the drug-food interaction with suitable examples	03	3	3
	b	Illustrate the types of ADR with suitable examples	03	3	3

	c	Illustrate the pathophysiology of hepatitis.	03	3	3
Q6.		**Long answer questions**			
		Answer any Two out of Four (4x2)	**08**		
	a	Describe pathogenesis, signs & symptoms of diabetes.	04	2	3
	b	Describe the general steps involved into treatment of poisoning.	04	2	3
	c	Describe layout and facilities required for the large volume parental production	04	2	2
	d	Describe the types of hospitals on the basis of bed capacity and clinical parameter with examples	04	2	2