Sanjay Ghodawat University, Kolhapur Established as State Private University under Govt. of Maharashtra. Act No XL, 2017		2019-20 EXM/P/09/00
Year and Program FY B. Pharm	**School of Pharmaceutical Sciences**	**Department : Pharmacy**
Course Code : BP204T	**Course Title : Pathophysiology**	**Semester – II**
Date: Thursday **Day : 04.03.2021**	**Examination: End Semester**	**Max Marks: 50** **Time: 2Hrs**

Instructions: 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		Objective Type Questions (Any Seven)	**14**		
	a)	Define cell injury. Enlist the causes of cell injury	02	L1	CO1
	b)	Define inflammation. Enlist clinical signs of inflammation	02	L1	CO2
	c)	Define hypernatraemia and hypercalcaemia	02	L1	CO1
	d)	Differentiate iron deficiency anemia and megaloblastic anemia	02	L4	CO2
	e)	Enlist the types of epilepsy	02	L1	CO1
	f)	Differentiate hyperthyroidism and hypothyroidism	02	L4	CO1
	g)	Enlist the intracellular accumulations	02	L1	CO3
	h)	Define hypertrophy, atrophy, hyperplasia, dysplasia (any two)	02	L1	CO1
	i)	Enlist the causative organism of AIDS, Syphilis, Gonorrhea, typhoid	02	L1	CO1
	j)	Enlist the stages of wound healing process	02	L1	CO2
Q.2		Long Answers (Answer 2 out of 3)	**15**		
	a)	Illustrate the mechanism of inflammation	7.5	L3	CO3
	b)	Illustrate the pathophysiology of diabetes mellitus	7.5	L3	CO1
	c)	Illustrate the pathophysiology of tuberculosis	7.5	L3	CO1
Q3		Short Answers (Answer 7 out of 9)	**21**		
	a)	Explain the etiology and pathology of peptic ulcer	03	L2	CO1
	b)	Illustrate the pathology of jaundice	03	L3	CO1
	c)	Describe the pathogenesis of congestive heart failure	03	L2	CO1
	d)	Justify with pathological explanation that why the rheumatoid arthritis is called as autoimmune disease.	03	L4	CO3
	e)	Describe the pathogenesis of leprosy	03	L2	CO1
	f)	Explain the etiology and pathogenesis of Parkinson' disease	03	L2	CO2
	g)	Enlist the clinical manifestations of Alzheimer's disease	03	L1	CO2
	h)	Describe the signs and symptoms of renal failure	03	L2	CO2
	i)	Explain the pathogenesis of gout	03	L2	CO1