	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 F. Y. B. Pharm (Sem-II)	**School of Pharmaceutical Sciences**	**Department : Pharmacy**
Course Code : BP201T	**Course Title : Human Anatomy and Physiology-II**	**Semester – II**
Date: **Day :** **Time:**	**Examination: End Semester**	**Max Marks: 50**

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)	Draw neat labeled diagram of nerve	02	L1	CO3
	b)	Enlist the functions of Brain	02	L1	CO1
	c)	Enlist the component of digestive system	02	L1	CO1
	d)	Enlist the functions of stomach	02	L1	CO1
	e)	Describe the functions of lungs	02	L2	CO2
	f)	Define 1) tidal volume 2) lung capacity	02	L1	CO2
	g)	Draw neat labeled diagram of respiratory system	02	L1	CO3
	h)	Classify hormones	02	L3	CO2
	i)	Draw neat labeled diagram of female reproductive system	02	L1	CO3
	j)	Define chromosome and gene	02	L1	CO1
Q.2		Long Answers (Answer 2 out of 3)	**15**		
	a)	Illustrate the functions of kidney and add note on mechanism of urine formation	7.5	L3	CO2
	b)	Illustrate the anatomy and physiology of liver add note on its functions.	7.5	L3	CO5
	c)	Illustrate structure and functions of pituitary gland and their hormones	7.5	L3	CO5
Q3		Short Answers (Answer 7 out of 9)	**21**		
	a)	Describe the structure and functions of cerebellum	03	L3	CO2
	b)	Illustrate the anatomy and physiology of pancreases	03	L3	CO2
	c)	Explain the process of acid regulation in GIT	03	L2	CO5
	d)	Describe the structure and function of male reproductive system	03	L2	CO2
	e)	Illustrate anatomy of thyroid gland and function of hormones released by it	03	L3	CO5
	f)	Illustrate the process of Spermatogenesis	03	L3	CO2
	g)	Differentiate the conduction of impulse through myelinated fibre and unmyelinated fibre	03	L4	CO5
	h)	Illustrate micturation reflex	03	L4	CO5
	i)	Desribe the structure and function of meninges	03	L2	CO2