Name: Enrolment No:			UPES UNIVERSITY WITH A PURPOSE	
			ROLEUM AND ENERGY STUDIES	
Course	: Phar	maceutical Sciences	ester Examination, May 2021 Semester: IV	
Program: B. Sc. LLB			Time 03 hrs.	
Course	Code:	CLNL2023	Max. Marks: 100	
			SECTION A	
	_	on will carry 5 Marks Complete the statement / Select the	e correct answer(s)	
S. No.	Ques	tion		CO
Q 1	i.	The transport process that happens A.Passive diffusion C. Endocytosis	B. Active diffusion D. Exocytosis	CO
	ii.	The branch of pharmacy that denatural sources is called as	eals with the studies of crude drugs derived from	
		A. Pharmacognosy	B. Pharmacology	
		C. Pharmaceutics	D. Pharmaceutical Chemistry	
	iii.	The patient is suffering from high drugs is recommended for treatmen	blood pressure, which of the following category of ent?	
		A. Anti-coagulants	B. Anesthetics	
		C. Muscle relaxants	D. Anti-hypertensive drugs	
	iv.	Which of the following human boo	dy systems provides the support to body structures?	
		A. Circulatory system	B. Nervous system	
		C. Endocrine system	D. Skeletal system	
	v.	<u> </u>	pending on the characteristics of different parts of ification.	
		A. Alphabetical classification	B. Taxonomical classification	
02	Laba	C. Morphological classification I the attached figure.	D. Pharmacological classification	
Q2		I the attached figure.	all your	

E

B.

C.

D.

E.

CO2

Q3	State following statements true or false.	
	A. Roots are positively geotropic.	CO ₂
	B. Locomotion is a primary function of the digestive system.	
	C. MTBF is an indicator of the reliability of the system.	
	D. A neuron is a functional unit of the urinary system.	
	E. Physiological dependence is one of the reasons for addiction.	
Q4	Match the following.	
	Organs Human body system	G02
	i) Bone a) Nervous System	CO ₃
	ii) Brain b) Circulatory System	
	iii) Kidney c) Digestive System	
	iv) Heart d) Skeletal System	
	v) Tongue e) Excretory System	
Q5	List any five benefits of modernizing the Indian pharmaceutical industry.	CO4
Q6	Differentiate active and passive transport (any 3).	CO2
	SECTION B	
1.		
	Each question will carry 10 marks	
2.	Each question will carry 10 marks Instruction: Write short / brief notes	
	Each question will carry 10 marks Instruction: Write short / brief notes Define MTTR.	CO4
2.	Each question will carry 10 marks Instruction: Write short / brief notes Define MTTR. Calculate MTTR, MTBF and up-time for February 2019 if there are four breakdown of 60,	CO4
2. Q 1	Each question will carry 10 marks Instruction: Write short / brief notes Define MTTR. Calculate MTTR, MTBF and up-time for February 2019 if there are four breakdown of 60, 40, 50 and 90 min, reapectively.	
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