Enrollment No: _____ Exam Seat No:_____

C.U.SHAH UNIVERSITY

Summer Examination-2020

Subject Name: Pharmacology II - Theory

Subject Code: BP503T **Branch: B.Pharm**

Semester : 5 **Date : 28/02/2020** **Time : 10:30 To 01:30** **Marks : 75**

Instructions:

(1) Use of Programmable calculator & any other electronic instrument is prohibited.
(2) Instructions written on main answer book are strictly to be obeyed.
(3) Draw neat diagrams and figures (if necessary) at right places.
(4) Assume suitable data if needed.

Q-1		**Attempt the following questions:**	**(20)**
	a)	Enumerate tocolytics	**2**
	b)	Write MOA of anti-diuretic hormone	**2**
	c)	Define: coagulants , give 2 examples of the same	**2**
	d)	Write in brief about female contraceptives	**2**
	e)	**Comment on**: insulin therapy for Type-I diabetes mellitus	**2**
	f)	Enumerate any 4 drugs used in angina pectoris	**2**
	g)	Explain bioassay of Histamine in brief	**2**
	h)	**Comment on**: prostaglandin as an inflammatory mediator	**2**
	i)	Enumerate posterior pituitary hormones	**2**
	j)	Write any 2 uses of thyroid hormones	**2**

Attempt the following questions:

Q-2		**Attempt any two of following :**	**(20)**
	A	Classify drugs used in CHF. Discuss Pharmacology of Digitalis in detail.	**10**
	B	Discuss pharmacotherapy for diabetes type-II in detail	**10**
	C	Discuss general principles and applications of Bioassay	**10**
Q-3		**Attempt any Seven of following :**	**(35)**
	A	Classify drugs used in gout. Write MOA for any 2 drugs	**5**
	B	Write bioassay methods for oxytocin and D-tubocurarine	**5**
	C	Write a detail about hematinic agents	**5**
	D	Classify diuretics. Write MOA for furosemide and acetazolamide	**5**
	E	Write pharmacology of statins in detail	**5**
	F	Classify anti-anginal drugs. Write MOA, uses and side effects of nitroglycerine	**5**
	G	Define shock. Write note on plasma expanders	**5**
	H	Discuss pharmacotherapy for rheumatoid arthritis	**5**
	I	Classify NSAIDS. Write MOA for Aspirin and celecoxib	**5**