CLASS: B PHARM   SEMESTER : VII
BRANCH: PHARMACY   SESSION : MO/19

SUBJECT: PS7411 CLINICAL PHARMACOLOGY

TIME: 3.00Hrs.   FULL MARKS: 60

INSTRUCTIONS:
1. The question paper contains 7 questions each of 12 marks and total 84 marks.
2. Candidates may attempt any 5 questions maximum of 60 marks.
3. The missing data, if any, may be assumed suitably.
4. Before attempting the question paper, be sure that you have got the correct question paper.
5. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.

Q.1(a)	What do you mean by on-off effect in Parkinson's patients?	[2]
Q.1(b)	Describe the diagnostic features and pathological hallmark of Parkinson's disease.	[4]
Q.1(c)	Explain the mechanism of action of Anti-Parkinson's drugs.	[6]
Q.2(a)	Distinguish between unstable and variant angina.	[2]
Q.2(b)	Discuss the pathology of asthma.	[4]
Q.2(c)	Explain the mechanism of action of anti-asthmatics.	[6]
Q.3(a)	Distinguish between local and general anesthetics.	[2]
Q.3(b)	Discuss the mechanism of action of an antiarrhythmic agent also used as local anesthetic.	[4]
Q.3(c)	Explain the mechanism of action of neuromuscular blocking agents.	[6]
Q.4(a)	Distinguish between tonic and clonic convulsions.	[2]
Q.4(b)	What are the different types of epilepsy?	[4]
Q.4(c)	Classify and explain the mechanism of action of anti-epileptics.	[6]
Q.5(a)	Distinguish between thiazide and loop diuretics.	[2]
Q.5(b)	Classify drugs used against hyperlipidemia.	[4]
Q.5(c)	Discuss the pathology, prevention and treatment for osteoporosis.	[6]
Q.6(a)	Distinguish between type 1 and type 2 diabetes.	[2]
Q.6(b)	Explain the toxicities associated with prednisolone therapy.	[4]
Q.6(c)	Classify and explain the mechanism of action of oral hypoglycemic agents.	[6]
Q.7(a)	Distinguish between arrhythmia and angina.	[2]
Q.7(b)	Write a note on myocardial infraction and its therapy.	[4]
Q.7(c)	Classify and briefly discuss the mechanism of action of antihypertensives.	[6]

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