

Q-4	Attempt all questions	(14)
A	Explain basic principles of FAS and AAS	7
B	Explain instrumentation of Flame atomic spectroscopy(FAS)	7
Q-5	Attempt all questions	(14)
A	Explain Infrared rays in detail with basic principle behind IR spectroscopy	7
B	Explain AAS instrumentation in detail.	7
Q-6	Attempt all questions	(14)
A	Explain theory of NMR and principle of NMR spectroscopy in detail	7
B	Explain Sample preparation and detection in IR spectroscopy	7
Q-7	Attempt all questions	(14)
A	Explain Raman spectroscopy in detail	7
B	Explain FTIR in detail	7
Q-8	Attempt all questions	(14)
A	Write down applications of AAS	7
B	Write down application of IR spectroscopy	7

