

2	Give the classification of amplifier in short.	04
3	What is biasing? Explain fixed bias with necessary circuit.	05
Q-5	Attempt all questions	(14)
1	Explain op-amp as differentiator with necessary waveforms.	06
2	Draw the circuits of class-B push-pull amplifier. Derive the efficiency of class B power amplifier.	08
Q-6	Attempt all questions	(14)
1	Explain H-parameter model of CE amplifier.	06
2	Explain op-amp configuration in all aspect.	08
Q-7	Attempt all questions	(14)
1	Explain distortion in power amplifier.	07
2	Compare the voltage amplifier and power amplifier	04
3	State the need of biasing.	03
Q-8	Attempt all questions	(14)
1	Explain op-amp as a summing amplifier.	04
2	Derive the equation of overall gain for positive feedback.	06
3	Explain Class-C amplifier.	04

