



<b>Q-3</b>	<b>Attempt all questions</b>	<b>(14)</b>
(a)	Explain the methods used for the population forecasting with formulae.	<b>07</b>
(b)	What are the factors affecting per capita demand? Explain it.	<b>07</b>
<b>Q-4</b>	<b>Attempt all questions</b>	<b>(14)</b>
(a)	Draw a layout of water treatment plant with indicating its each process and also explain it.	<b>08</b>
(b)	Write short notes on i) Coagulation and ii) flocculation	<b>06</b>
<b>Q-5</b>	<b>Attempt all questions</b>	<b>(14)</b>
(a)	Explain the effect of air pollution on men, material and animals.	<b>08</b>
(b)	Describe the methods of controlling noise pollution.	<b>06</b>
<b>Q-6</b>	<b>Attempt all questions</b>	<b>(14)</b>
(a)	What do you understand by the word 'Integrated Pest Management (IPM)'?	<b>07</b>
(b)	Explain DO sag curve with sketch.	<b>07</b>
<b>Q-7</b>	<b>Attempt all questions</b>	<b>(14)</b>
(a)	Enlist the disposal of solid waste and explain sanitary land filling methods.	<b>07</b>
(b)	What is solid waste management? Describe it with flow diagram indicating it's all functional elements?	<b>07</b>
<b>Q-8</b>	<b>Attempt all questions</b>	<b>(14)</b>
(a)	Describe briefly various methods of collection of solid waste.	<b>07</b>
(b)	Write short note on : Indian standards for drinking water.	<b>07</b>

