

Total No. of Questions – [04]

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G.R. No.	
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OCTOBER 2018 / IN - SEM (T1)
F. Y. M. TECH. (WREE) (SEMESTER -I)
COURSE NAME: Advanced Water treatment
COURSE CODE: CVPA11184A
(PATTERN 2018)

Time: [1 Hour]

[Max. Marks: 20]

(*) Instructions to candidates:

- 1) Answer Q.1 OR Q.2, Q.3 OR Q.4
- 2) Figures to the right indicate full marks.
- 3) Use of scientific calculator is allowed
- 4) Use suitable data where ever required

Q.1) Draw layout of conventional water treatment plant and explain the function of each [10 marks]

OR

Q.2) a) write a short note on characteristics of water, explain any one in detail [6 marks]

b) What are the various population forecasting methods? Explain any one in detail [4 marks]

Q.3) Define Aeration & Explain the purpose and limitations of aeration in water treatment [10 marks]

OR

Q.4) what is meant by coagulation? Enlist the common coagulants used. Describe any one coagulant along with the chemical reactions. [10 marks]