

Total No. of Questions – [5]

Total No. of Printed Pages: [1]

| | |
|----------|--|
| G.R. No. | |
|----------|--|

OCTOBER 2018 / IN - SEM (T2)
F. Y. M. TECH.(Civil-WREE) (SEMESTER -I)
COURSE NAME: Environmental Chemistry and
Microbiology
COURSE CODE: CVPA11182
(PATTERN 2018)

Time: [30 Minutes]

[Max. Marks: 10]

(*) Instructions to candidates:

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

Q.1)a) The absorbance of 0.00002M solution was found to be 0.125 when placed in a cell 1 cm length.

Calculate 1. Transmittance 2. Molar absorptivity [2]

b) Draw block diagram for AAS. [2]

c) What coloring reagent and wavelength is used in measurement of Manganese and Chromium. [2]

d) Draw block diagram for total consumption burner used in flame photo meter. [2]

e) Define chromatography and what are its application in waste water analysis. [2]