

Total No. of printed pages = 2

CT-506/EE/5th Sem/2013/M

ENVIRONMENTAL ENGINEERING

Full Marks – 70

Pass Marks – 28

The figures in the margin indicate full marks for the questions.

1. (a) What are the various sources of water ?
7
- (b) Compare the continuous and intermittent system of water.
7
2. Discuss with the help of diagram various methods of layout of the distribution system. 14
3. (a) What is coagulation ? What is the significance of coagulation in water ? Name any four coagulants.
2+3+2=7
- (b) Define per capita demand. Discuss various factors affecting the per capita demand. 7

[Turn over

4. What is sewerage system ? Discuss briefly various types of water carriage system. 14

5. Define the following terms : 2×7=14

(a) Aquifer

(b) Turbidity

(c) Design period

(d) Reservoir

(e) Disinfection

(f) Water table

(g) Growth composition analysis method