TED (15) - 6012

(KEVISION - 2015)



DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY/ MANAGEMENT/COMMERCIAL PRACTICE — APRIL, 2018

ENVIRONMENTAL ENGINEERING

Time : 3 hours

(Maximum marks: 100)

PART — A

(Maximum marks: 10)

Marks.

- I Answer all cuestions in one or two sentences. Each question carries 2 marks.
 - Define specific yield of a well.
 - Write the necessity of using coagulants in sedimentation.
 - Define chemical oxygen demand or COD.
 - Define Aerosol.
 - List any four methods for controlling air pollution.

 $(5 \times 2 = 10)$

PART — B

(Maximum marks: 30)

- II Answer any five of the following questions Each question carries 6 marks.
 - Explain with neat sketch an infiltration gallery.
 - 2. Discuss the reasons for carrying out analysis of water.
 - 3. List the requirements of good disinfectant.
 - 4. Explain different systems of supply of water.
 - 5. Enumarate various methods for sludge disposal.
 - 6. Define manhole. Explain objects of providing manhole in sewer lines.
 - With a neat sketch explain flushing cistern.

 $(5 \times 6 - 30)$

(b) Explain the effect of air-pollution on hisman being and on vegetation.

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agricultural wastes.