

SECOND SEMESTER M TECH-DEGREE EXAMINATION

AUG-2015

Branch: CIVIL-ENVIRONMENTAL ENGINEERING

ENVIRONMENTAL HEALTH AND SAFETY ENGINEERING

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Time: Three hours

Maximum: 60 Marks

Answer any TWO full questions from each module

Draw sketches wherever necessary

MODULE-1

- I) Discuss the different types of immunity with examples (10)
- II) Which are the sampling methods adopted for investigation on a water borne and food borne outbreak (10)
- III) Comment on various sanitation related diseases and their control methods (10)

MODULE -2

- IV) Give an account of the different types of mosquitoes, important diseases transmitted by them and their control measures (10)
- V) Give an account of four major disinfectants and their uses (10)
- VI) Comment on the etiology, symptoms, mode of transmission of few protozoal diseases (10)

MODULE -3

- VII) Which are the important microorganisms responsible for food poisoning and how can it be prevented? (10)
- VI) Comment on slaughter house sanitation (10)
- VII) Which are the quality standards to be adopted for the proper maintenance of a swimming pool? (10)