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MID SEMESTER EXAMINATION

(MARCH 2019)

B.TECH. (Env)

SEMESTER: 6th

Paper code: EN-304 Subject: Air Pollution and Control

Time: 1.30 Hours

Max.Marks: 20

Note: All questions are compulsory
Assume suitable missing data, if any.

- Q1 (a) Implication of global warming on eco system and climate. 2
- (b) What do you mean by smog? Distinguish London Smog and Photochemical Smog in respect of formation and effects? 3
- Q2 (a) With example classify air pollutants according to origin, physical state and source. 3
- (b) Estimate the percentage of CoHb for exposure to 31 microgram per miter cube of Co at 25⁰c and 1 atm pressure for heavy work and Sedentary work. 2
- Q3 Define hazards and occupational hazards. Classify hazards. How these hazards can be control by hierarchy. 4
- Q4 With example list out the prime factors affecting human health due to air pollution. Explain briefly the various methods adopted for determining the health effects of air pollutants on human health. 6

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