

# Marking Scheme – Paper Set - 1

May 2022 - ENDSEM EXAM

Final Year B. TECH. (Civil Engineering) (SEMESTER - II)

COURSE NAME: AIR POLLUTION AND CONTROL

COURSE CODE: CVUA40182A

(PATTERN 2018)

- Q.1) a) [4 marks] **Marking scheme:** 8 parameters =  $\frac{1}{2}$  mark X 8 parameter  
b) [6 marks] **Marking scheme:** Name of the equipment = 1 mark  
Working principle = 1 mark  
Sketch = 2 marks  
Two advantages =  $\frac{1}{2}$  mark for each  
Two disadvantages =  $\frac{1}{2}$  mark for each
- Q.2) a) [4 marks] **Marking scheme:** Two names of the methods = 1 mark  
Sketch = 1 mark  
Detailed discussion = 2 marks  
b) [6 marks] **Marking scheme:** Opinion YES = 1 mark  
Detailed discussion (6 points) = 3 marks
- Q.3) a) [4 marks] **Marking scheme:** 8 points (each point  $\frac{1}{2}$  marks) = 4 marks  
b) [6 marks] **Marking scheme:** 12 points (each point  $\frac{1}{2}$  marks) = 6 marks
- Q.4) a) [4 marks] **Marking scheme:** 8 points (each point  $\frac{1}{2}$  marks) = 8 marks  
b) [6 marks] **Marking scheme:** Motive = 3 marks  
Penalty provisions = 3 marks
- Q.5) a) [4 marks] **Marking scheme:** 4 points of comparison points = 4 marks  
b) [6 marks] **Marking scheme:** 4 names of agencies = 2 marks  
Discussion (8 points) = 4 marks
- Q.6) a) [4 marks] **Marking scheme:** 8 points (each point  $\frac{1}{2}$  marks) = 4 marks  
b) [6 marks] **Marking scheme:** 4 Names of methodologies = 2 marks  
Details discussion of any 2 methods  
(4 points for each method) = 4 marks