## BINDURA UNIVERSITY OF SCIENCE EDUCATION

# BACHELOR OF ENVIRONMENTAL SCIENCE DEGREE ESM413 (V)

# **BES PART IV EXAMINATION** Air Quality Management

## 2 HOURS (70 MARKS)

#### INSTRUCTIONS

Answer three questions out of the five questions. You must answer question one from SECTION A and any two from SECTION B

# **SECTION A (COMPULSORY)**

(15 Marks) a. Explain the community's role in fighting air pollution.

b. How does air pollution cause economic damages to a country? (15 Marks)

### **SECTION B**

Explain the advantages and disadvantages of using small sensors 2. (20 Marks) in air quality monitoring.

a. Explain how cities around the world are combatting air pollution? (10 Marks) 3.

(10 Marks) b. Explain how air pollution and climate change are connected?

Discuss the ccontribution of the transport sector in Zimbabwe 4. (20 Marks) towards air pollution.

Discuss the link between air pollution and sustainable development. 5.

(20 Marks)

## End of paper