



**Professional Qualification in  
Public Health Management  
Level 4 Diploma**

**UNIT 1 – INTRODUCTION TO SCIENCE FOR PUBLIC HEALTH**

Question 1

- (a) Describe the structure of the brain. (8 marks)
- (b) Explain the functions of at least THREE areas of the brain. (12 marks)

Question 2

- (a) State what is meant by pH balance. (4 marks)
- (b) Explain the importance of water and pH balance in the human body. (16 marks)

Question 3

- (a) Nora is a ten-year old girl who has intestinal schistosomiasis caused by a parasite. Explain what is meant by 'parasite'. (8 marks)
- (b) Explain why the intestines are a suitable environment for some parasites to grow and reproduce. (12 marks)

Question 4

- (a) State **TWO** examples of pollution. (4 marks)
- (b) Assess the impact of **ONE** form of pollution on human health. (16 marks)

Question 5

Vaccines have been developed which help to prevent severe Covid-19. Assess the impact of national finances on a country's ability to buy and distribute enough vaccines to protect their population. (20 marks)