

2002 HIGHER SCHOOL CERTIFICATE EXAMINATION
Biology

Section I (continued)

Part B – 60 marks

Attempt Questions 16–27

Allow about 1 hour and 45 minutes for this part

Answer the questions in the spaces provided.

Marks

Question 16 (4 marks)

‘Modern methods of disease control place more emphasis on prevention than on treatment.’

4

Discuss this statement using at least ONE example in your answer.

Modern methods of disease control place more emphasis on prevention due to the fact that modern ~~and~~ treatment such as medicines are becoming less powerful in killing the disease therefore preventing the disease before hand is better than treating the disease. This is due to the fact that in recent years doctors have been over prescribing the use of antibiotics in the treatment of disease. The pathogens of the disease have become immune due to the over-dosage and now many medicines will not work in the treatment of disease.

Example: Penicillin can not be used to treat all bacterial infections.

Therefore preventing the disease using the first line of defence (barriers) is better than treatment.