

NAME:

SIGNATURE:

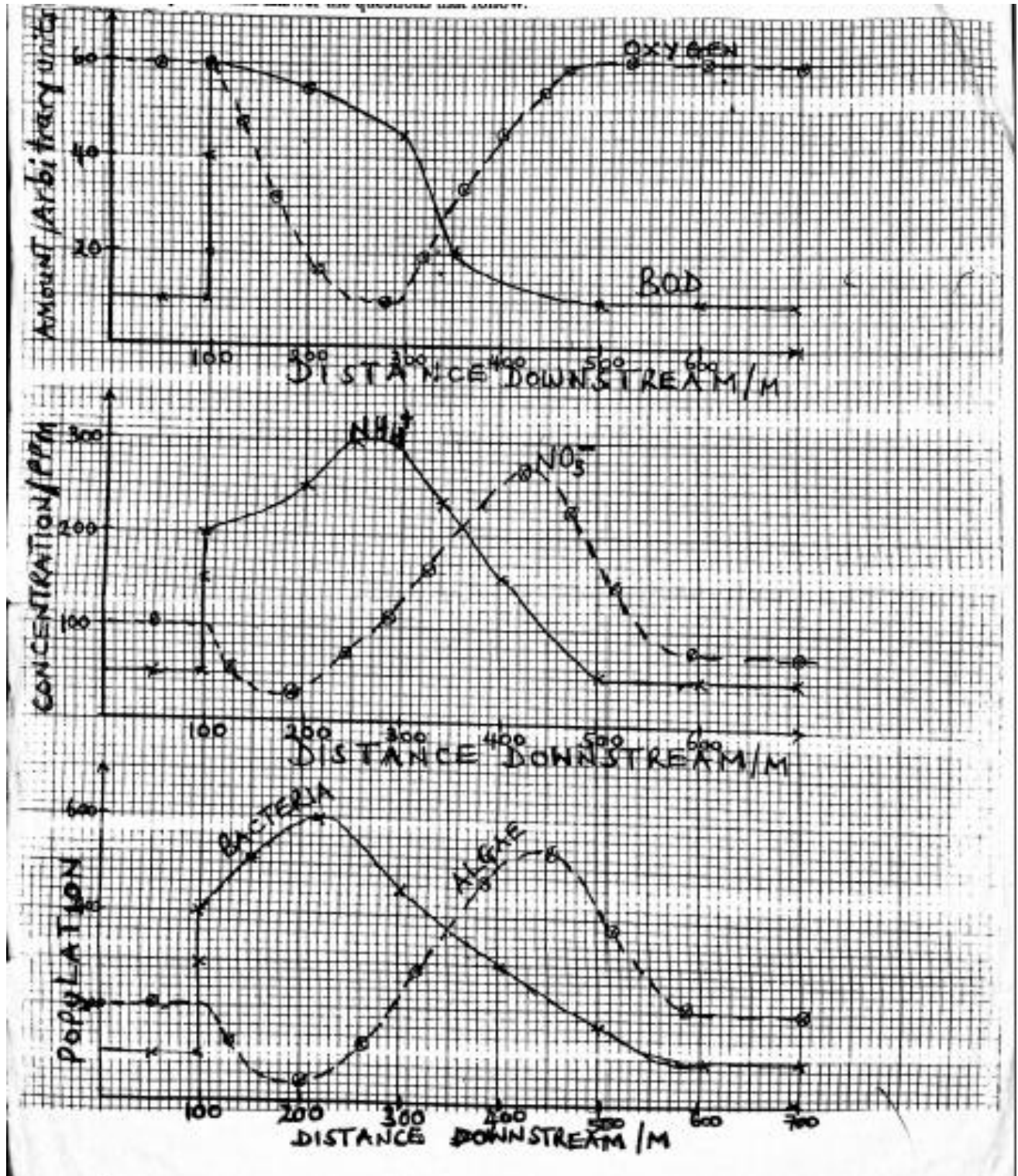
MILLENIUM SCIENCE CAFE**S.6 BIOLOGY ASSESSMENT TEST 2**

TIME: 60 MINUTES

TOPIC: ECOLOGY

INSTRUCTIONS: Attempt all questions.

1. The graph below indicates the effect of sewage discharge at 100 metres of the river, towards its abiotic and biotic environments. Study them and answer the questions the follow.



- (a) Define the term Biochemical Oxygen Demand
(02 marks)
- (b) Explain the effect of sewage discharge towards;
(i) Oxygen
(ii) BOD, distance downstream
(10 marks)
- (c) Account for the changes in the concentration of;
(i) Ammonium ions
(ii) Nitrate ions, distance downstream
(12 marks)
- (d) Account for the changes in population of;
(i) Bacteria
(ii) Algae, distance downstream
(12 marks)
- (e) Suggest any four likely effects of the population changes of algae to the river between 200m and 450m, downstream
(04 marks)

END!!!!

“The secret to success without hard work, is still a secret”

FIND MORE QUESTIONS IN TOPICAL REVISION BOOKS BY B.K JOSH PUBLICATIONS!!!!