

初級教育文憑試各科考試標準續佈

聯合邦初級教育文憑考試各科考試標準，本開上期已公佈自然科學第一項考試例題，茲續公佈該科第二項例題如后：

General Science 2

(Time allowed — 1 hour)

Answer One Part Only of each question,
Question 1.

a. How does a bicycle pump work? Describe how it is made, illustrating yours answer with a diagram. What changes would be necessary to make it act as a suction pump?

b. What is meant by a thermostat? Describe the working of any one kind you know.

Question 2.

a. Give an account of how you would separate a mixture of sand and salt. State which you would have recovered the whole of, and why you lost some of the other.

b. Describe how you would collect and prepare a few jars full of carbon dioxide. What happens when the gas is bubbled into lime water for (a) a short time (b) a long time.

Question 3.

a. Give a short account of the life history of a frog.

b. What parts are played in the life of a plant by root, stem and leaf?

Question 4.

a. What is meant by perennation? Give one example and illustrate your answer,

b. State the laws of Reflexion. Use a diagram to explain why the bottom part of an upright full-length mirror is not needed to let a man see an image of his feet in it. Show the part not needed.

c. Part of a mixture of iron filings and sulphur is treated with hydrochloric acid, another part is heated in a crucible and then treated with hydrochloric acid. Explain why the results are different, and say what they are.

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