

Section B

- I (a) Name one technology that can overcome each of the human limitations below.

Human limitations	Technology
(i) Cannot see distant objects	
(ii) Cannot move quickly to far places	

LEVEL: E Remembering [2 marks]

- (b) Circle the technology that can solve each of the problems below.

(i) Tini wants to observe the microorganisms that may be present in a pond water sample.	
(ii) Dr. Meng would like to listen the heartbeat of his patient clearly.	

LEVEL: E Understanding [2 marks]

Section C

- 2 Diagram 1 shows the construction works on a prefabricated house.

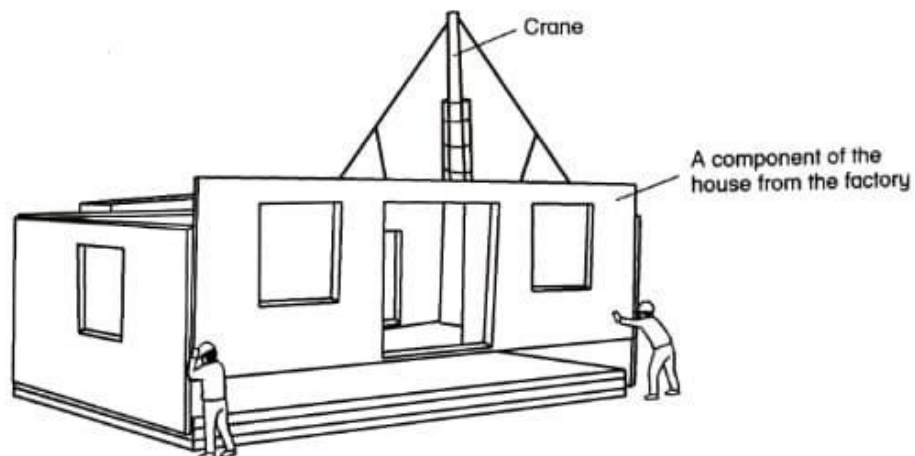


Diagram 1

- (a) What is the field related to the technology in Diagram 1?

LEVEL: E Remembering [1 mark]

- (b) Based on Diagram 1, explain how a prefabricated house is built.

LEVEL: M Applying [2 marks]

- (c) State **two** advantages of building houses using the prefabricated method.

LEVEL: M Analysing [2 marks]

- (d) Prefabricated houses require lower construction costs. Predict what will happen if more prefabricated houses are built in the future.

LEVEL: D Evaluating [1 mark]