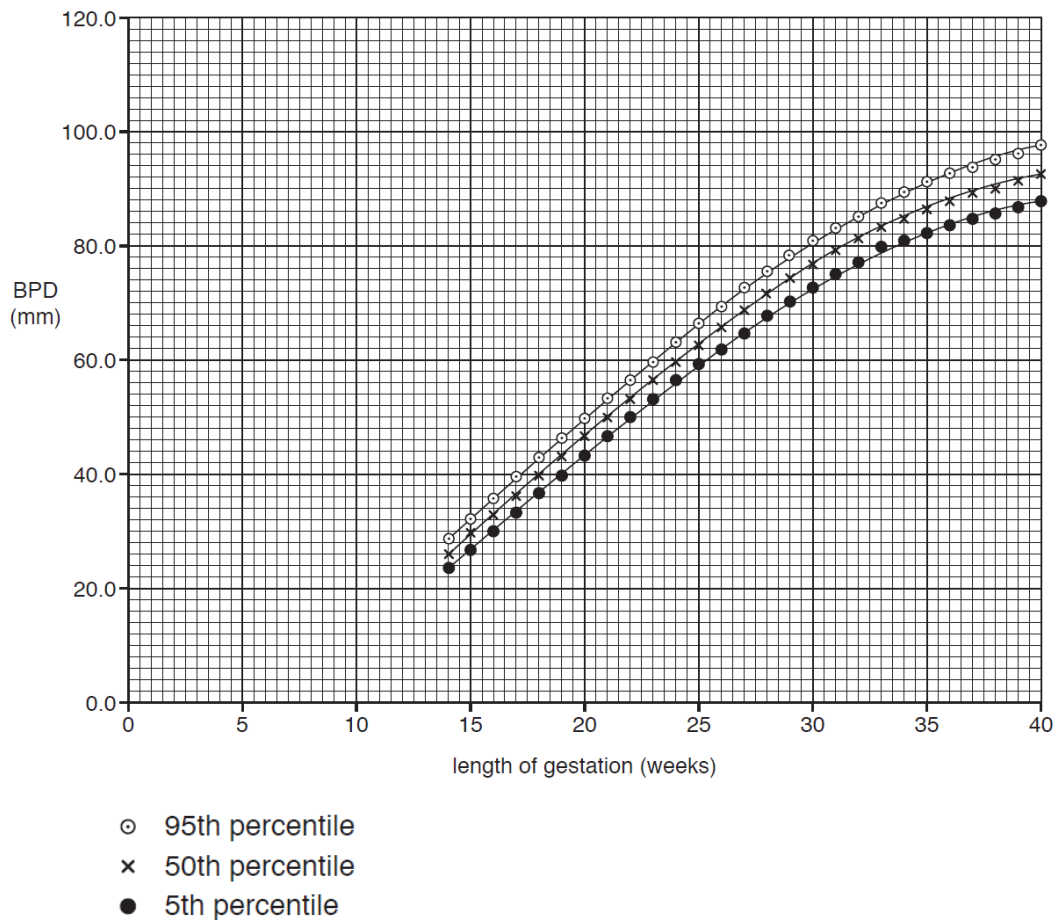


## **A Level Biology B**

**H422/03** Practical skills in biology

### **Question Set 1**

1. (a) Fig. 1 is a fetal growth chart showing how biparietal diameter (BPD) increases during gestation.



**Fig. 1**

Calculate the rate of growth at 30 weeks' gestation for the data shown in the uppermost curve (95th percentile). Show your working.

[2]

- (b) Three sets of data are shown in Fig. 1.

How can the **three sets of data** be used together to monitor the health of a growing fetus?

[1]

- (c) The measurements for BPD in Fig. 1 were taken using ultrasound.

Evaluate the usefulness of ultrasound in measuring fetal growth.

[2]

**Total Marks for Question Set 1: 5**

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