

Assessment in IGCSE Biology 0610

Session 2: Handout 2.3

Which assessment objectives?

A past question is shown on the next two pages.

- For each part of the question, identify the relevant assessment objectives.
- Use the list on page 3 of your syllabus to remind you what the assessment objectives are.

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Which assessment objectives?

A past question is shown below..

- For each part of the question, identify the relevant assessment objectives.
- Use the list on p3 of your syllabus to remind you what the objectives are.

- 2 A study was carried out to compare the amount of tooth decay in the children of two different towns. Town **A** had drinking water containing fluoride at a concentration of 2 parts per million. Town **B** had no fluoride in its drinking water.

Fig. 2.1 shows the results of the study, but the graph is incomplete.

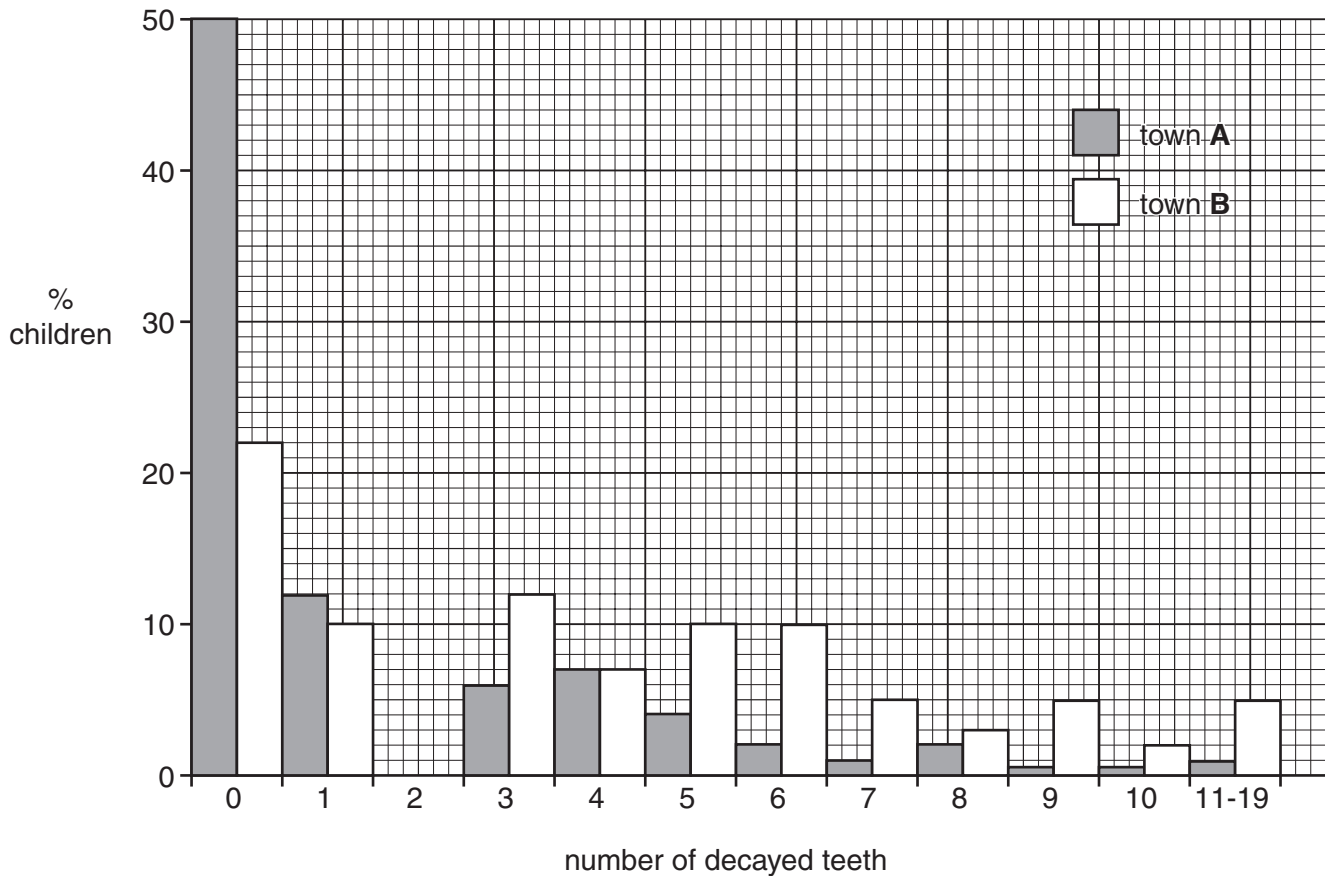


Fig. 2.1

- (a) Complete Fig. 2.1, using the following data.

town	number of decayed teeth	% children
A	2	13
B	2	9

[2]

- (b) (i) For town **B**, state the percentage of children with three decayed teeth.

.....[1]

- (ii) For town **A**, calculate the total percentage of children with **less** than five decayed teeth. Show your working.

total percentage[2]

- (c) (i) What conclusion, relating to the effect of fluoride, can be drawn from this study?

.....
.....[1]

- (ii) Based on your conclusion, what recommendation should be given to town **B**?

.....
.....[1]

- (iii) Explain why some people may object to this recommendation.

.....
.....[1]

[Total : 8]