

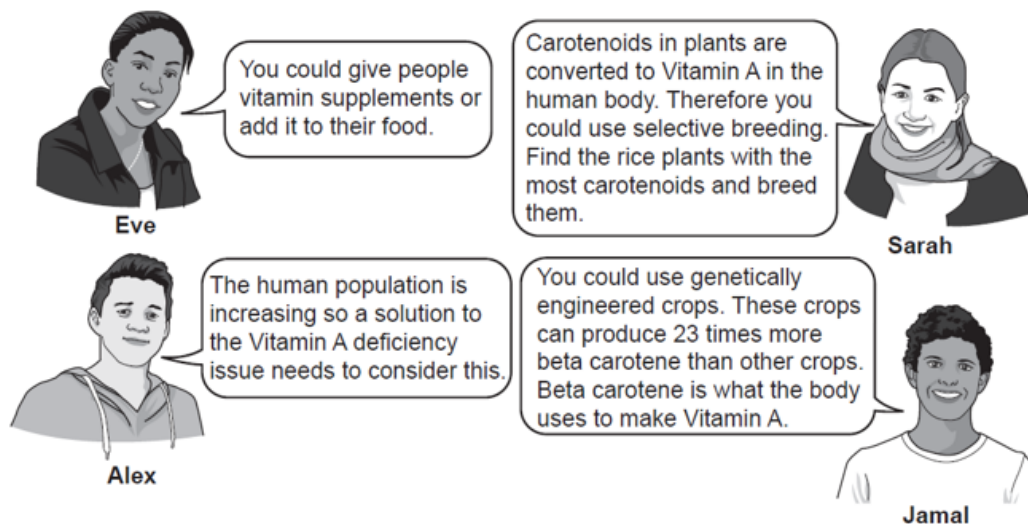
**GCSE Biology B (Twenty First Century Science)**  
**J257/03 Breadth in Biology (Higher)**

**Question Set 24**

1

In many developing countries people rely on rice and corn for their diet. As both these crops are low in nutrients, Vitamin A deficiency is a concern. Deficiency in Vitamin A can cause blindness.

A group of friends are discussing how Vitamin A deficiency in developing countries could be tackled.



- (a) Which method of tackling Vitamin A deficiency in developing countries is the best long-term solution?

Justify your answer.

[3]

- (b) What is meant by 'genetic engineering'?

[2]

- (c) State **one** concern about using genetically engineered crops.

[1]

**Total Marks for Question Set 24: 6**

---

# OCR

Oxford Cambridge and RSA

## **Copyright Information**

OCR is committed to seeking permission to reproduce all third-party content that it uses in its assessment materials. OCR has attempted to identify and contact all copyright holders whose work is used in this paper. To avoid the issue of disclosure of answer-related information to candidates, all copyright acknowledgements are reproduced in the OCR Copyright Acknowledgements Booklet. This is produced for each series of examinations and is freely available to download from our public website ([www.ocr.org.uk](http://www.ocr.org.uk)) after the live examination series.

If OCR has unwittingly failed to correctly acknowledge or clear any third-party content in this assessment material, OCR will be happy to correct its mistake at the earliest possible opportunity.

For queries or further information please contact The OCR Copyright Team, The Triangle Building, Shaftesbury Road, Cambridge CB2 8EA.

OCR is part of the Cambridge Assessment Group; Cambridge Assessment is the brand name of University of Cambridge Local Examinations Syndicate (UCLES), which is itself a department of the University of Cambridge