



BIOLOGY

BOOKS - SUPER COMPANION 5 IN 1

BIOTECHNOLOGY AND ITS APPLICATION

One Mark Questions And Answers

1. Which soil bacteria produces Bt toxins ?

2. Write the name of a nematode which infects

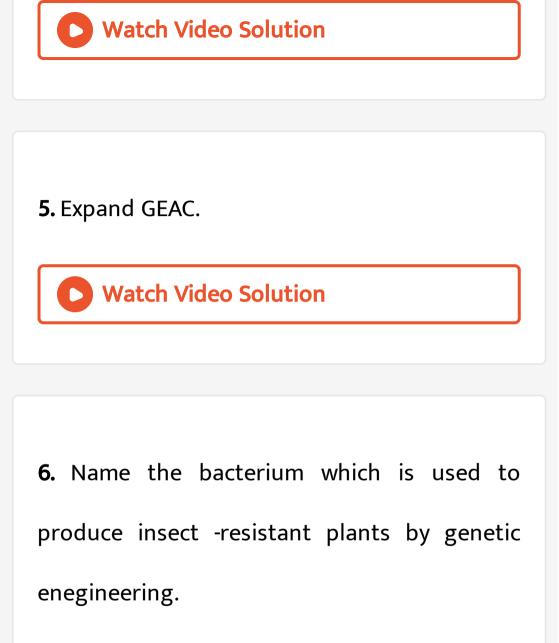
roots of tabacco plants?

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3. Write any two Bt resistant crops.

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4. What is molecular farming ?





7. Name any disease against which vaccine is developed by recombinant DNA technology .
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8. Name the technique which is used to detect

HIV in suspected AIDS patient?

9. Name any two diseases for which transgenic

micer are used as model organisms .



10. What is the difference between 'Cry'and 'CRY'.



11. Name any one disease for which gene

therapy has been proved effective ?



Two Mark Questions And Answers

 What are genetically modified organisms ?
 Name two factors on which their behaviour depends.

2. To whom a patent is given ?



3. Define the following :

(i) DNA probe

(ii) Bio-piracy.

4. Define gene therapy. Name a genetic disorder that is being treated using the technique of gene therapy.



Three Marks Questions And Answers

1. What is molecular diagnosis? Explain.



1. What is gene therapy? Explain the types. Add

a note on its applications?

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2. What are transgenic animals? How are they

obtained? Add a note on their significance.

3. Write a brief account on genetically

engineered insulin.

