

## GENE TECHNOLOGY WORKSHEET

1. Define genetic engineering.

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2. Describe the role each of the following in genetic engineering:

a) Restriction enzymes

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b) Electrophoresis

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c) DNA ligase

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d) Reverse transcriptase

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3. Explain the importance of gene cloning and polymerase chain reaction in gene technology.

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4. State three ways in which genetic engineering is beneficial to human beings.

i).....

ii).....

iii).....