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22 D 3 C 23 B 4

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6 C 26 D 7 A 27

B 8 C 28 C 9 B

29 C 10 D 30 A

11 A 31 C 12 A

32 C 13 B 33 B

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35 D 16 B 36 D

17 A 37 C 18 B

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20 D 40 C

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main theoretical

concepts which

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are fundamental
to the subject,
a section on
some current
applications of
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applications of
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sections and
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learners to
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opportunity for

learners to

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and
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nucleotides and
nucleotide
coenzymes
(important in
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metabolism), the
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coenzymes of
ribo- and deoxy-
ribo-
polynucleotides
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rhodopsin, a
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in cell studies
1.2 Cells as the
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of enzymes 3.2

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affect enzyme
action Chapter 4

: Cell membranes
and transport

4.1 Fluid mosaic

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membranes 4.2

Movement of
substances into
and out of cells

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mitotic cell
cycle 5.1

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nuclei and cells

5.2 Chromosome
behaviour in
mitosis Chapter

6 : Nucleic

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acids and
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replication of

DNA 6.2 Protein

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Transport

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Chapter 8 :

Transport in

mammals 8.1 The

circulatory

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and smoking 9.1

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system 9.2

Smoking Chapter

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disease 10.1

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disease 10.2

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The immune

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Energy 12.2

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Photosynthesis

13.1

Photosynthesis

as an energy
transfer process

13.2

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limiting factors

13.3 Adaptations
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Homeostasis in
plants Chapter
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co-ordination

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co-ordination in
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Control and co-
ordination in
plants Chapter
16 : Inherited
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Passage of
information from
parent to
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genes in
determining the
phenotype 16.3
Gene control
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Variation 17.2
Natural and

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artificial
selection 17.3

Evolution

Chapter 18 :

Biodiversity,
classification
and conservation

18.1

Biodiversity

18.2

Classification

18.3

Conservation

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