



BIOLOGY

BOOKS - MBD NCERT SOLUTIONS

NEW STYLE MODEL TEST PAPER - 2

Set A Section A Physics

1. Which is the most popular kitchen fuel in India ?

A. LPG

B. Kerosene

C. Coal

D. Firewood.

Answer:



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2. How is ozone formed in the upper atmosphere? Why is damage to the ozone

layer a cause of concern to us. What causes this damage?



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Set A Section C Life Science

1. The full form of UV rays is :

- A. Ultra violet
- B. Ultra violent
- C. Ultra valve

D. Ultimate violet

Answer:



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2. The small pores present of leaf's surface are called :

A. Stomata

B. Chlorophyll

C. Guard cells

D. None of these

Answer:



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3. When a animal is cut into pieces and each pieces grows into a complex organims . What is the process ?

A. Budding

B. Fragmentation

C. Spore formation

D. Regeneration

Answer:



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4. Which of the following is an example of producers ?

A. Plastic pens

B. Plastic cans

C. Polythene

D. Green plants

Answer:



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5. With whom you can associate theory of evolution?

A. Charles Darwin

B. Mendel

C. Stanely miller

D. Harold Urey

Answer:



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6. Why are pesticides considered as pollutants despite being useful to the farmers ?



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7. Who started Chipko Movement ?



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8. What is wild life ? How is wild life important for us ?



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9. List the three kinds of blood vessel of human circulatory system and write their

functions in tabular form .



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10. (i) Name the blood vessel that brings oxygenated blood to the human heart.

(ii) Which chamber of human heart receives oxygenated blood to the human heart.

(ii) Which Chamber of human heart receives oxygenated blood ?

(iii) Explain how oxygenated blood from this chamber is send to all parts of the body.



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11. (a) What are the different methods of contraception in males and females human beings ?

(b) What is self and cross pollination ?



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Set B Section C Life Science

1. Photosynthesis is

- A. Catabolic process
- B. Parabolic process
- C. Amphibolic process
- D. Photochemical process.

Answer:



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2. Which is the portion on which grafting is done it provides the roots ?

A. Stock

B. Scion

C. Both a and b

D. None of these

Answer:



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3. Which of the following is an example of herbivores ?

A. Cow

B. Shark

C. Lion

D. Tiger

Answer:



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4. Who have a perfect pair of sex chromosomes ?

A. Girls only

B. Boys only

C. Both girls and boys

D. It depends on many other factors.

Answer:



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5. Name two artificial eco - system.



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6. Why do we need to use resource carefully ?



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7. Why must we conserve our forests ? List any two causes for deforestation taking place .



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8. (a) State the functions of

(i) Testis (ii) Ovaries .

(iii) Vas deferens (iv) Stamen

(v) Pistil .

(b) Name two nucleic acids.



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Set C Section A Physics

1. The light sensitive cell present on retina and is sensitive to the intensity of light is :

A. Cones

B. Rods

C. Both rods and cones

D. None of these

Answer:



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Set C Section B Chemistry

1. Fatty foods becomes rancid due to process of :

A. oxidation

B. corrosion

C. reduction

D. hydrogenatio

Answer:



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Set C Section C Life Science

1. What is coliform ?

- A. Group of bacteria
- B. Group of viruses
- C. Group of microorganisms
- D. Group of diseases

Answer:



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2. Where does fertilization occurs in the female?

A. Uterus

B. Cervix

C. Oviduct

D. None of these

Answer:



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3. Which of the following is not an example of abiotic factors

A. Light

B. Plants

C. Heat

D. Temperature

Answer:



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4. Which section of DNA provides information for one protein ?

A. Nucleus

B. Chromosomes

C. Trait

D. Gene

Answer:



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5. What is the role of consumers in the food chain ?



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6. List any two causes of our failure to sustain availability of underground water .



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7. Why are bacteria and fungi called decomposers ? List any two advantages of

decomposers to the environment .



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8. (a) What are decomposers ? Write their importance with respect to our environment .

(b) Write the cause of depletion of ozone layer . How can we prevent it ?



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1. Which of the following is normally used in solar cookers for trapping solar energy ?

- A. Solar panels
- B. Silicon cells
- C. Mirrors
- D. Any of above

Answer:



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1. What is the name given for replenishment of forest ?

A. Afforestation

B. Silviculture

C. Deforestation

D. Sericulture

Answer:



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2. Which elements is used in the synthesis of proteins?

A. Hydrogen

B. Oxygen

C. Nitrogen

D. Carbon dioxide

Answer:



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3. Growing foetus derives nutrition from mother's blood through

A. Uterus

B. Fallopian tube

C. Placenta

D. Cervix

Answer:



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4. _____ is not a biodegradable pollutant.

A. Paper

B. Cotton cloth

C. Cotton

D. DDT

Answer:



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5. One cell - thick vessels are called :

A. Arteries

B. Veins

C. Capillaries

D. Pulmonary artery

Answer:



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6. Give one advantage and one disadvantage of ozone .



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7. Name is better recycle or reuse ? Give reason with example.



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8. Name two plants that are growth by vegetative propagation.



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9. What term did Mendel use for genes ?

Where are the genes located ?



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10. (a) How many pairs of chromosomes do human beings have , specify the types of chromosomes also ?

(b) How is the sex of the child determined in human beings ?



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