



# BIOLOGY

## BOOKS - KUMAR PRAKASHAN

### MODEL QUESTION PAPER 01

#### Section A Mcqs

1. What is called a flower having both stamen and pistil ?

A. Male flower

B. Female flower

C. Unisexual flower

D. Bisexual flower

**Answer:**



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## 2. Match the following:

<b>Column 'A'</b> <b>(Evidences of evolution)</b>	<b>Column 'B'</b> <b>(Example)</b>
1. Homologous Organs	a. Ammonite, Trilobite
2. Analogous Organs	b. limbs of frog and lizard
3. Fossils	c. wings of birds and bats

A. (1-a), (2-b), (3-c).

B. (1 -c), (2-b), (3-a)

C. (1-b), (2-c), (3-a)

D. (1-b), (2-a), (3-c)

**Answer:**



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3. What is called a flower having both stamen and pistil ?

- A. Male flower
- B. Female flower
- C. Unisexual flower
- D. Bisexual flower

**Answer:**



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#### 4. Match the following:

<b>Column 'A'</b> <b>(Evidences of evolution)</b>	<b>Column 'B'</b> <b>(Example)</b>
1. Homologous Organs	a. Ammonite, Trilobite
2. Analogous Organs	b. limbs of frog and lizard
3. Fossils	c. wings of birds and bats

A. (1-a), (2-b), (3-c).

B. (1 -c), (2-b), (3-a)

C. (1-b), (2-c), (3-a)

D. (1-b), (2-a), (3-c)

**Answer:**



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**Section A Answer The Following Question As Directed**

1. Which tree leaves are used in manufacture of bidies?



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2. 'I am a chief constituent of biogas.' Identify me.



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3. Which tree leaves are used in manufacture of bidies?



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1. State the name of any four organs of human digestive system.



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2. State the name of any four organs of human respiratory system.



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3. If any animal is cut into many pieces, can a new complete animal body be generated from each piece? If yes, then explain such event.



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4. Distinguish between biodegradable waste and non-biodegradable waste.



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5. Which four steps would you suggest to reduce the use of energy?



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6. A milkman adds a very small amount of baking soda to fresh milk.

(A) Why does he make the milk slightly alkaline ?

(B) Why does the milk take a long time to set as curd ?





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7. State the name of any four organs of human respiratory system.



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8. If any animal is cut into many pieces, can a new complete animal body be generated from each piece? If yes, then explain such event.



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**9.** Distinguish between biodegradable waste and non-biodegradable waste.



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**10.** Explain : (1) Refuse and (2) Repurpose aspects to save environment.



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**11.** Which four steps would you suggest to reduce the use of energy?



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## Section C

**1.** Answer the following questions :

(1) On which principle does the solar cooker work?

(2) State the two advantages of using the

solar cooker.

(3) State the two limitations of using the solar cooker.



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2. Mother of 2 daughters living in a joint family, again gets pregnant. Her father-in-law and mother-in-law wish for a baby boy. They believe that daughter-in-law is solely responsible for the birth of son. They pressurised her for prenatal sex-

determination.

(1) Should daughter-in-law go for prenatal sex-determination? Why?

(2) What should they do if female embryo is developing?

(3) Do you agree with the belief of father-in-law and mother-in-law ?



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**3. Explain sex-determination in human.**



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## Section A Fill In The Blanks

1. The dinosaurs belong to class.....



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2. hormone synthesized at the shoot tip, helps the cells to grow longer. State whether the following statements are true or false



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## Section D

1. Draw a labelled diagram of the human eye. List at least four names of its parts and state the functions of any two parts.



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