

BIOLOGY IN HUMAN WELFARE BASED GENERAL SCIENCE MCQ PRACTICE QUESTIONS AND ANSWERS PDF WITH EXPLANATION

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Q1. Silk worm is a

- a) moth
 - b) fly
 - c) worm
 - d) beetle
-

Q2. Jaya and Ratna developed for green revolution in India are the varieties of

- a) wheat
 - b) maize
 - c) rice
 - d) bajra
-

Q3. What are the advantage of gobar gas over conventional utilization?

- a) Reduces the chances of spreading of pathogens
 - b) More efficient source of energy
 - c) Used as good fertilizer
 - d) All of the above
-

Q4. IPM is

- a) Integrated Pest Management Programme.
- b) International Pest Management Programme.
- c) International Pesticide Management Programme.

d) Internal Pest Management Programme.

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Q5. Blue revolution is related to the following field

- a) Egg production
- b) Dairy products
- c) Fisheries
- d) Agriculture

Q6. Two microbes found to be very useful in genetic engineering are

- a) Crown gall bacterium and *Caenorhabditis elegans*
- b) *Vibrio cholerae* and a tailed bacteriophage
- c) *Diplococcus* sp. and *Pseudomonas* sp.
- d) *Escherichia coli* and *Agrobacterium tumefaciens*

Q7. Three crops that contribute maximum to global food grain production are

- a) Wheat, maize and sorghum
- b) Wheat, rice and maize
- c) Wheat, rice and barley
- d) Rice, maize and sorghum

Q8. Organic farming is the technique of raising crops through use of

- a) Biofertilisers
- b) Manures
- c) Resistant varieties

d) All of these

Q9. Which one of the following is not an antibiotic ?

- a) Griseofulvin
 - b) Streptomycin
 - c) Citric acid
 - d) Cephalosporin
-

Q10. The technology of biogas production was developed in India mainly due to the efforts of

- a) Indian Council of Medical Research (ICMR)
 - b) Indian Agricultural/ Research Institute (IARI) and Khadi and Village Industries Commission (KVIC)
 - c) National Botanical Research Institute (NBR1)
 - d) Indian Council of Agricultural Research (ICAR)
-

Q11. The animal husbandry deals with the care, breeding and management of

- a) Honey bees and silk worms
 - b) Domesticated animals
 - c) Fishes
 - d) All of these
-

Q12. BOD refers to

- a) Biochemical Operation Demand
- b) Bacteria Oxygen Demand
- c) Biochemical Oxygen Demand
- d) Biological Organism Demand

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Q13. Which of the following is the pair of biofertilizers?

- a) Rhizobium and grasses
- b) Azolla and blue green algae
- c) Nostoc and legume
- d) Salmonella and E. coli

Q14. Ganga and Yamuna action plan is initiated by

- a) Ministry of wild-life conservation.
- b) Ministry of environment and forest.
- c) Ministry of agriculture.
- d) None of these

Q15. First cloned animal

- a) Molly sheep
- b) Dolly sheep
- c) Polly sheep
- d) Dog

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Answers to the above questions :

Q1. Answer: (a)

Q2. Answer: (c)

Jaya and Ratna are two rice varieties developed for green revolution in India.

Q3. Answer: (d)

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Q4. Answer: (a)

Q5. Answer: (b)

Q6. Answer: (d)

Escherichia coli is a bacterium found in the human colon. On this bacterium, scientists have made extensive genetic experiments to make some vital chemicals like insulin.

Another bacterium is Agrobacterium tumefaciens which causes crown gall in plants. It is extensively used for genetic experiments.

Q7. Answer: (b)

Three crops that contribute maximum to global food grain production are wheat, rice and maize, which belong to the family Poaceae (Graminae).

Q8. Answer: (d)

Q9. Answer: (c)

Q10. Answer: (b)

Q11. Answer: (d)

Q12. Answer: (c)

Q13. Answer: (b)

Q14. Answer: (b)

Q15. Answer: (b)

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