

GENETIC ENGINEERING AND BIO TECHNOLOGY BASED GENERAL SCIENCE MCQ PRACTICE QUESTIONS AND ANSWERS PDF WITH EXPLANATION

For All Competitive SSC, Bank, IBPS, UPSC, Railway, IT & Other Govt. Exams

Created By [Careericons](#) Team

Q1. If a rat is created by using human growth gene, which is eight times bigger than normal rat; then this technique will be said as

- a) Mutation reproduction
 - b) Cross-breeding
 - c) Hereditary engineering
 - d) Hormony nourshing
-

Q2. In the case of a test tube baby

- a) Fertilization takes place outside the mother's body
 - b) Fertilization takes place inside the test tube
 - c) Development of the baby takes place inside the test tube
 - d) Unfertilised egg develops inside the test tube
-

Q3. Match Column-I with Column-II and select the correct answer using the code given below the lists.

Column-I	Column-II
A. ABO blood groups	I. Dihybrid cross
B. Law of segregation	II. Monohybrid cross
C. Law of Independent	III. Base pairs assortment substitution
D. Gene mutation	IV. Multiple allelism

Select the correct answer using the codes given below the lists: A B C D

- a) A – IV; B – II; C – I; D – III
- b) A – II; B – I; C – IV; D – III

c) A – IV; B – I; C – II; D – III

d) A – II; B – III; C – IV; D – I

Q4. State 'T' for the True option and F for the False option and choose the correct option at the end

- We have a single pair of sex chromosomes in all cells.
- Autosomes are 22 pairs of chromosomes.
- The human karyotype represents the pair of chromosomes in a cell
- There are 46 Chromosomes as autosomes.

a) T - F - F - F

b) T - F - T - F

c) T - T - T - F

d) T - T - F - F

5000+ FREE GENERAL SCIENCE MCQ QUESTION BANK FOR ALL SSC, UPSC, BANK, RAILWAY EXAMS

[Free Practice MCQs »](#)

[Download More PDF »](#)

[Free Online Quiz »](#)

Q5. Bt brinjal is

a) A wild variety of Brinjal

b) A new variety of Brinjal

c) A genetically modified Brinjal

d) None of the above

Q6. Which one of the following is a hereditary disease ?

a) Pellagra

b) Cataract

c) Haemophilia

d) Osteoporosis

Q7. Genetically engineered human insulin is prepared by using—

- a) Pseudomonas
 - b) E. coli
 - c) Rhizopus
 - d) Yeast
-

Q8. 'Metastasis' is the process by which

- a) The chromosomes in cells nuclei are attached to the spindle before moving to the anaphase poles
 - b) Cells divide rapidly under the influence of drugs
 - c) Cancer cells spread through the blood or lymphatic system to other sites or organs
 - d) Cancer cells are successfully inhibited to divide any further
-

Q9. Variation can be brought about by

- a) adjusting with environment
 - b) sexual reproduction
 - c) copying of DNA
 - d) All of the above
-

Q10. A mother of blood group O has a group O child. What could be the blood group of father of the child?

- a) A or B
 - b) Only O
 - c) A or B or O
 - d) Only AB
-

Q11. With reference to agriculture in India, how can the technique of 'genome sequencing', often seen in the news, be used in the immediate future?

- Genome sequencing can be used to identify genetic markers for disease resistance and drought tolerance in various crop plants.
- This technique helps in reducing the time required to develop new varieties of crop plants.
- It can be used to decipher the host-pathogen relationship in crops.

Select the correct answer using the code given below.

- a) Only 1 and 3
 - b) Only 1
 - c) Only 2 and 3
 - d) 1, 2 and 3
-

Q12. Bio-magnification means

- a) To see the microscopic parts of the body by microscope
- b) Fat spreading of cancer cells in the body
- c) Increasing a number of pesticides in the organisms of successive trophic level
- d) Sudden increase in the number of the individuals of a species in a specific area

1000+ FREE GENETIC ENGINEERING AND BIO TECHNOLOGY BASED QUESTIONS AND ANSWERS FOR ALL COMPETITIVE EXAMS

[Free Practice MCQs »](#)

[Download More PDF »](#)

[Free Online Quiz »](#)

Q13. Scientists of N.D.R.I., Karnal (Haryana) developed the second clone of which on the following animals?

- a) Cow
 - b) Sheep
 - c) Buffalo
 - d) Goat
-

Q14. Golden rice is

- a) Long stored rice having yellow colour tint
- b) Wild variety of rice with yellow coloured grains

- c) A variety of rice grown along the yellow river in China
- d) A transgenic rice having gene for carotene

Q15. The Plant Field Gene Bank at Banthara will

- a) Identify economically important wild plants
- b) Preserve endangered varieties of plants
- c) Check piracy of bio-diversity
- d) Look after all the above

[Read More bio technology gk Question and Answers »](#)

Answers to the above questions :

Q1. Answer: (c)

Q2. Answer: (a)

Q3. Answer: (a)

5000+ GENERAL SCIENCE MCQ TOPIC WISE MCQ QUESTION BANK WITH SOLVED ANSWERS & FREE PDF

[MEASUREMENT AND SI UNITS](#)

[MEASURING DEVICES AND SCALES](#)

[MECHANICS \(MASS, FORCE, ACCELERATION, WORK, ENERGY, MOMENTUM, VELOCITY\)](#)

[FORCE OF GRAVITY, SOLIDS AND FLUIDS](#)

[MOTION UNDER GRAVITY](#)

[PHYSICAL PROPERTIES OF MATERIALS](#)

[LIGHT, HEAT, THERMODYNAMICS, WAVE MOTION, SOUND, OPTICS & OSCILLATIONS](#)

ELECTRIC CURRENT AND MAGNETISM NUCLEAR PHYSICS AND CONDUCTIVITY

MODERN AND SPACE PHYSICS, SOURCES OF ENERGY

GENERAL CONCEPTS OF CHEMISTRY NATURE OF MATTER AND COMPOSITION

ATOMIC STRUCTURE MOLECULES AND NUCLEAR CHEMISTRY

CLASSIFICATION OF ELEMENTS, CHEMICAL BONDING, PERIODICITY IN PROPERTIES &
PHYSICAL TRANSFORMATION

METALS, NON METALS, MINERALS, ORES, PROPERTIES, USES

ALLOYS, CARBON & ITS VARIOUS FORMS, HYDROGEN & COMPOUNDS, SULPHUR,
NITROGEN, HALOGEN & INERT GASES

ACIDS, BASES, SALTS AND METALS

HYDROCARBON, ALCOHOL, POLYMER, ORGANIC ACID AND EXPLOSIVE SUBSTANCE

FUEL, FOOD PRESERVATION, NUTRITION, MEDICINE, DETERGENTS AND FERTILIZERS

INORGANIC CHEMISTRY ORGANIC CHEMISTRY ENVIRONMENTAL CHEMISTRY

SOME IMPORTANT MAN MADE MATERIALS SUB DIVISIONS OF BIOLOGY

GENETICS, EVOLUTION OF LIFE & ECOLOGICAL BIODIVERSITY TAXONOMY

HEREDITY BIOFERTILIZER

BIOLOGICAL CLASSIFICATION CELL TISSUES AND DIVISION HUMAN ANATOMY

BLOOD TRANSPORT SYSTEM DIGESTION AND EXCRETION PHOTOSYNTHESIS

VITAMINS, NUTRITION, HEALTH, DISEASE AND TREATMENT

ENDOCRINE GLANDS, HORMONES

PHYSIOLOGY OF PLANTS, HUMANS AND ANIMALS REPRODUCTION

FOOD PRODUCTION BIOLOGY IN HUMAN WELFARE

ECOLOGY AND ENVIRONMENT AWARENESS

GENETIC ENGINEERING AND BIO TECHNOLOGY

Q4. Answer: (c)

Q5. Answer: (c)

Q6. Answer: (c)

Q7. Answer: (b)

Q8. Answer: (c)

Q9. Answer: (d)

Q10. Answer: (c)

Q11. Answer: (d)

Q12. Answer: (c)

Q13. Answer: (c)

Q14. Answer: (d)

Q15. Answer: (d)

On our site **Careerions.com**, You can find all the content you need to prepare for any kind of exam like. **Verbal Reasoning, Non-Verbal Reasoning, Aptitude, English, Computer, History, Polity, Economy, Geography, General Science, General Awareness & So on.** Make use of our expert-curated content to get an edge over your competition and prepare for your exams effectively.

Practice with our **Free Practice MCQs, Mock Tests Series, Online Quiz** and get an idea of the real exam environment. Keep track of your progress with our detailed performance reports. They are perfect for competitive exam preparation, as well as for brushing up on basic & fundamental knowledge. The questions are updated regularly to keep up with the changing syllabuses.

Careerions.com