

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. 'Super rice' was developed by

- a) N.E. Borlog
 - b) M.S. Swaminathan
 - c) G.S. Khush
 - d) P.K. Gupta
-

Q2. Hybridoma technology is a new biotechnological approach for commercial production of

- a) Antibiotics
 - b) Monoclonal antibodies
 - c) Interferon
 - d) Alcohol
-

Q3. The powder used for developing fingerprints on a multi-coloured surface is

- a) Charcoal
 - b) Gold dust
 - c) Manganese dioxide
 - d) Fluorescent powder
-

Q4. A complete set of chromosomes inherited as a unit from one parent, is known as

- a) Genome
- b) Karyotype

c) Gene pool

d) Genotype

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

[Free Practice MCQs »](#)

[Download More PDF »](#)

[Free Online Quiz »](#)

Q5. Which one of the given is useful for proving paternity?

a) DNA Recombinant technology

b) Gene therapy

c) Gene cloning

d) DNA fingerprinting

Q6. Genetics is the study of –

a) Only plants

b) Inheritance

c) Cell structure

d) Only animals

Q7. When one gene controls two or more different characters simultaneously, the phenomenon is called

a) Polyploidy

b) Apomixis

c) Pleiotropy

d) Polyteny

Q8. Haemophilia is a genetic disorder which lead to

a) decrease in WBC

- b) decrease in haemoglobin level
 - c) rheumatic heart disease
 - d) non-clotting of blood
-

Q9. Which one of the following statements is correct ? Cretinism is a human disorder which is due to the under secretion of :

- a) Glucagon hormone
 - b) Adrenalin hormone
 - c) Cortisone hormone
 - d) Thyroxin hormone
-

Q10. Consider the following effects of genetic engineering.

- Disease resistance
- Growth promotion
- Animal cloning
- Human cloning

Of the above, that have been tried with a certain amount of success include.

- a) 1, 2 and 4
 - b) 1, 3 and 4
 - c) 2, 3 and 4
 - d) 1, 2 and 3
-

Q11. With reference to 'stem cells', frequently in the news, which of the following statement(s) is/are correct?

- Stem cells can be derived from mammals only.
- Stem cells can be used for screening new drugs.
- Stem cells can be used for medical therapies.

Select the correct answer using the codes given below.

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

d) 1, 2 and 3

Q12. Which of the following features of DNA makes it uniquely suited to store and transmit genetic information from generation-to-generation?

- a) Number of base-pairs per turn
- b) Complementary to the two strands
- c) Double helix
- d) Sugar-phosphate backbone

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. Which of the following statement is incorrect regarding PCR?

- a) Taq DNA polymerase is not thermostable.
 - b) In PCR, two primers are used.
 - c) Taq DNA polymerase is related for PCR.
 - d) Multiple copies of gene can be synthesized in PCR.
-

Q14. The sex of the child in humans primarily depends on

- a) X and Y chromosome of male part
 - b) X chromosome of female part
 - c) Both (a) & (b)
 - d) None of the two
-

Q15. Which one was the first successful cloned animal?

- a) Rabbit
- b) Sheep

- c) Gibbon
d) None of these

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

Answers to the above questions :

Q1. Answer: (c)

Q2. Answer: (b)

Q3. Answer: (d)

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: (a)

Q5. Answer: (d)

Q6. Answer: (b)

Q7. Answer: (c)

Q8. Answer: (d)

Q9. Answer: (d)

Q10. Answer: (d)

Q11. Answer: (c)

Q12. Answer: (b)

Q13. Answer: (a)

Q14. Answer: (a)

Q15. Answer: (b)

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.

careericons.com