

HEREDITY 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. Gene is

- a) A segment of DNA and histone
 - b) A segment of DNA
 - c) A segment of DNA, RNA and histone
 - d) All of the above
-

Q2. Who is the father of modern genetics?

- a) Hugo De Vries
 - b) Gregor Johann Mendel
 - c) Charles Darwin
 - d) Thomas Hunt Morgan
-

Q3. Which of the following professional(s) are more likely to run the risk of a permanent change in their cell's DNA?

- Researchers using carbon 14 isotope
- X-ray technician
- Coal miner
- Dyer and painter

Select the correct answer by using the codes given below. Code

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

Q4. The sugar present in DNA is

- a) Fructose
- b) Glucose
- c) Deoxyribose
- d) Ribose

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Q5. Who delivered the principle of 'jumping gene'?

- a) Tomas Hunt Morgan
- b) Gregor Johann Mendel
- c) Barbara Mc Clintock
- d) Watson and Crick

Q6. Which compound present in D.N.A. does not form amino acid?

- a) Tyrosine
- b) Adenine
- c) Guanine
- d) Cytosine

Q7. The unit of heredity in our body is called

- a) DNA
- b) Chromosome
- c) Gene
- d) Nucleus

Q8. Hereditary symptoms are moved in the descendant of creatures by

- a) Chromosome
 - b) Ribosome
 - c) Plasma
 - d) Lysosome
-

Q9. Genome mapping relates to

- a) Mapping of genes
 - b) Blood grouping
 - c) Mapping of nerve centres
 - d) Mapping of brain
-

Q10. Mendel's principle of inheritance is based on

- a) Asexual reproduction
 - b) Vegetative reproduction
 - c) Sexual reproduction
 - d) All of the above
-

Q11. The classical Mendel's work on his 'laws of inheritance' was performed on the organism

- a) Snapdragon
 - b) Drosophila
 - c) Garden pea
 - d) Sweet pea
-

Q12. Which of the following is responsible for controlling hereditary characters of the living cells?

- a) Hormone
- b) Enzyme

c) RNA

d) None of the above

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Answers to the above questions :

Q1. Answer: (b)

Q2. Answer: (b)

Q3. Answer: (b)

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Q4. Answer: (c)

Q5. Answer: (c)

Q6. Answer: (a)

Q7. Answer: (c)

Q8. Answer: (a)

Q9. Answer: (a)

Q10. Answer: (c)

Q11. Answer: (c)

Q12. Answer: (d)

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