

NEET MOLECULAR BASIS OF INHERITANCE — HUMAN GENOME PROJECT — PYQS

Max. Marks: 20

Questions: 5

Section A (MCQ) — 5 questions

Q.1 Which chromosome in the human genome has the highest number of genes? [NEET (UG) 2025]

- (1) Chromosome 1 (2) Chromosome 10
(3) Chromosome X (4) Chromosome Y

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full solution



Q.2 Expressed Sequence Tags (ESTs) refer to [NEET (UG) 2023]

- (1) All genes that are expressed as proteins.
(2) All genes whether expressed or unexpressed.
(3) Certain important expressed genes.
(4) All genes that are expressed as RNA.

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Q.3 If a geneticist uses the blind approach for sequencing the whole genome of an organism, followed by assignment of function to different segments, the methodology adopted by him is called as : [NEET (UG) 2022]

- (1) Sequence annotation
(2) Gene mapping
(3) Expressed sequence tags
(4) Bioinformatics

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Q.4 Expressed Sequence Tags (ESTs) refers to : [NEET (UG) 2019]

- (1) DNA polymorphism
(2) Novel DNA sequences
(3) Genes expressed as RNA
(4) Polypeptide expression

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Q.5 Commonly used vectors for human genome sequencing are : [AIPMT 2014]

- (1) BAC and YAC (2) T/A Cloning Vectors
(3) T-DNA (4) Expression Vectors

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ANSWER KEY

Ques.	1	2	3	4	5						
Ans.	1	4	1	3	1						