

SAMPLE QUESTIONS (MCQs) SEMVI PAPER 3

1. A mutation caused due to an exchange between two bases takes place at a single point is called _____ mutation

a] Addition

b] Substitution

c] Deletion

d] Insertion

2. The most common disorder associated with Huntingtons disease is _____

a] Loss of memory

b] Tremors

c] Depression

d] Developmental defects

3. _____ became the first chemotherapy drug

a] Nitrogen mustards

b] Ethidium bromide

c] Ethyl methane sulfonate

d] 5-bromouracil

4. Photoreactivation is an enzymatic cleavage of _____ dimers activated by visible light

a] Uracil

b] Adenine

c] Thymine

d] Guanine

5. _____ is used to construct restriction maps

a] Lipase

b] Acid phosphatase

c] Glutamate transaminase

d] Polynucleotide kinase

6. _____ technique is useful for the detection of misfolding or defective proteins

a] Northern blotting

b] Chromatography

c] Western blotting

d] Southern blotting

7. In _____ homogentisic acid is excreted in urine

a] Albinism

b] Alkaptonuria

c] Phenyleketonuria

d] G-6-PD

8. In the genetic disorder _____ the cells which produce sweat, mucus and digestive enzymes are affected.

a] Cystic fibrosis

b] Down Syndrome

c] Turner Syndrome

d] Patau Syndrome

9. _____ contains full text referenced overviews of all human Mendelian disorders

a] EBI

b] PubMed

c] PubSc

d] OMIM

10. _____ is an important tool used to find adverse drug reaction and for development of new drug

a] Proteomics

b] Pharmacogenomics

c] Gene mapping

d] Metabolomics

