

Genetics Test

AHIMS/NEET 2017

Wednesday, August 31, 2016

(Higher Order Thinking Skills)

- 1. DNA Fingerprinting is also known as :**
a)DNA Profiling b)DNA Typing c)DNA Testing d)All are correct

- 2. Human Cloning which was a topic of science fiction for hundreds of years, turned real with arrival of Dolly, a cloned Sheep in:**
a)1998 b)1987 c)1997 d)2006

- 3. When blotting is done for proteins and RNA is called:**
a)Southern and Northern blotting respectively
b)Northern and Western Blotting respectively
c)Western and Southern Blotting Respectively
d)Western and Northern Blotting Respectively

- 4. Recombinant DNA molecules are sometimes also called :**
a)Chimeric DNA b)RecoDNA c)RsDNA d)RdDNA

- 5. In Hurler's syndrome ,enzyme deficiency is:**
a)Glycine b)alpha-L-iduronidase c)Alpha 1 antitrypsin d)None of these

- 6. Age of the mother would be 35 years or older at the estimated date of delivery as advanced maternal age is commonly associated with :**
a)Chromosomal disorders b)Erythroblastosis foetalis
c)Von Recklinghausen Disease d) Marfan's Syndrome

- 7. Using fingerprints for identification is known as**
a)Dactylogy b)Dactyloscopy c)Idiogram d)Karyotype

- 8. In phenyketonuria phenylalanine is accumulated and converted into:**
a)Phenylketone b)Phenylpyruvate c)both a and b is true d)Tyrosine

- 9. In Wilsons disease ,which of the following is accumulated in liver**
a)Iron b)Copper c)Sodium d)Biliverdin

- 10. Which of the following is not a Y linked Disorder**
a)Hypertrichosis pinnae b)Retinitis pigmentosa c)Colour blindness d)Duchenne muscular dystrophy

11. Triple test is useful to diagnose:

- a)Jaundice b)Dengue c)Down syndrome d)Chickenguniya

12. Which of the following is not a characteristics of Autosomal recessive inheritance:

- a)Males and females are equally affected
b)Ratio is 1:2:1(Affected :Carrier:Normal)
c)New mutations occur at the time of gametogenesis
d)Example:Colour blindness

13. Father of experimental Genetics is:

- a)T.H Morgan b)Herophilus c)Garrod d)Robert Koch

14. The process of inactivation of X chromosome is called:

- a)Barrisation b) Lyonization c)Whole chromosome painting d) B Banding

15. A conserved DNA sequence found within the promoter region of the protein encoding genes of many eukaryotic organisms.

- a)TATA Box b)CAAT Box c)TAAT Box d)GAAG Box