1. **Which is correct about Hardy-Weinberg law:**
2. Frequencies of alleles and genotypes is constant from generation to another.
3. HWE is affected by populations of limited size.
4. The effect of genetic drift would require long period for a change in frequency to occur.
5. All of the above.
6. **A disease which appears in sons but daughters is likely to be:**
7. Somatic disease.
8. Chromosomal disease.
9. X-linked disease.
10. Multi-factorial illness.
11. **Which is correct about nucleotide:**
12. Largest unit in the DNA.
13. A single mutation in a nucleotide will always produce an effect.
14. There are about 6 billion nucleotides in the human genome.
15. A codon is composed of 4 base pairs.
16. **Inbreeding coefficient of second degree cousins is:**
17. 3.13%
18. 50%.
19. 6.25%.
20. 1%