

BIOLOGY

- Which of the following is NOT an example of autoimmune disease?

A) Rheumatoid arthritis	C) Acquired immunodeficiency syndrome
B) Diabetes Mellitus Type 1	D) Addison's Disease
- Red tide is caused by

A) Protozoans	C) Dinoflagellates
B) Corals	D) Bacteria
- Whose classification system is universally accepted, according to which herbarium sheet is arranged and its dimensions are?

A) Bentham and Hooker, 11.50 cm-16.50 cm.	C) Bentham and Hooker, 29 cm-41 cm
B) Carl Linnaeus, 11.5 inch – 16.50 inch	D) R.H.Whittaker, 29 cm-41 inch
- In angiosperms, if the number of chromosomes in endosperms is 30, what will be the number of chromosomes in nucleus?

A) 15	B) 30	C) 20	D) 40
-------	-------	-------	-------
- Which one of the following pairs as homologous?

A) Wing of a bird : Wing of a bat	C) Patagium of Draco : Wing of kiwi
B) Ear pinnae : Wing of a bird	D) Tusk of an elephant : Rhinoceros horn
- Which organism serves as a biofertilizer?

A) <i>Streptomyces</i>	C) <i>Spirogyra</i>
B) <i>E. coli</i>	D) <i>Cassia</i>
- PCR and RFLP are the techniques used for

A) DNA sequencing	C) Study of enzymes
B) Genetic fingerprinting	D) Genetic transformation
- Which one of the following is not a membrane lipid?

A) Glycerophospholipids	C) Neutral lipids
B) Galacto lipids	D) Sphingo lipids
- Bt cotton is toxic for some insects but not for animals, because

A) Animals have Bt toxin resistant genes	C) Bt toxin is effective for only flyable organism
B) Insects are small in size so toxicity will be expressed	D) Toxin becomes active in insect by alkaline pH of its gut
- Removal of RNA polymerase III from nucleoplasm will affect the synthesis of

A) mRNA	C) tRNA
B) tRNA and mRNA	D) hnRNA