

BIOLOGY

1. Which is a unicellular eukaryote?
 - A. *E. coli*
 - B. *Streptococcus*
 - C. *Saccharomyces*
 - D. *Salmonella*
2. DNA-containing extra nuclear organelle is:
 - A. Endoplasmic reticulum
 - B. Lysosome
 - C. Plastid
 - D. Peroxisome
3. Plant species for production of biodiesel is:
 - A. *Brassica*
 - B. *Triticum*
 - C. *Jatropha*
 - D. *Oryza*
4. The chemical found at nerve junctions (synapse) that is responsible for neural transmission is:
 - A. Adrenaline
 - B. Acetyl choline
 - C. Epinephrine
 - D. Acetyl salicylic acid
5. The initiation codons in genetic code are:
 - A. AUG and UAG
 - B. AUG and GUG
 - C. UAG and GUG
 - D. UAG and AUU
6. Transfer of genetic material from one host cell to another by a bacteriophage is called:
 - A. Cloning
 - B. Hybridization
 - C. Transformation
 - D. Transduction
7. Crossing over occurs in which stage?
 - A. Pachytene
 - B. Zygotene
 - C. Leptotene
 - D. Diplotene

8. Which of the following group of animals is uricotelic?
- A. Fish, dog, monkey and bird
 - B. Fish, lizard, snake and bird
 - C. Lizard, snake, bird and insect
 - D. Monkey, man, cow and dog
9. A trace element essential for plant-growth and radio-isotope, which is used in cancer therapy is:
- A. Cobalt
 - B. Calcium
 - C. Sodium
 - D. Iron
10. An *in situ* method of conservation is:
- A. Genetic engineering
 - B. Cryopreservation
 - C. Tissue culture
 - D. National park