Assignment 1

The due date for submitting the assignment has passed.
An extension will be given only if you have not submitted the assignment.

1) In ______ phase of cell cycle, the cell either progresses towards DNA synthesis and another division cycle or sells the cell cycle to commit to differentiation.
   M  |  G1  |  S  |  G2
   No, the answer is incorrect.  
   Accepted Answer: G1

2) Which of these is not a constituent of animal cell
   cell nucleus  
   cell wall  
   RNA  
   DNA
   No, the answer is incorrect.  
   Accepted Answer: cell wall

3) In ______ phase of cell cycle DNA replicates.
   M  |  G1  |  S  |  G2
   No, the answer is incorrect.  
   Accepted Answer: S

4) In RGC, Q stands for
   glucose  
   glutamate  
   glycogen  
   glycine
   No, the answer is incorrect.  
   Accepted Answer: glucose

5) ______ implies that the specialised properties of the cell are lost irreversibly.
   Differentiation  
   Selection  
   De-differentiation  
   De-differentiation
   No, the answer is incorrect.  
   Accepted Answer: De-differentiation

6) Cardiac cells are mostly categorised as
   bone cells  
   neuronal cells  
   muscle cells  
   epidermal cells
   No, the answer is incorrect.  
   Accepted Answer: muscle cells

7) Ha a cell line was derived from
   nervous cells  
   neuronal cancer cells  
   normal cancer cells  
   normal normal cells
   No, the answer is incorrect.  
   Accepted Answer: neuronal normal cells

8) Which of these gases along with its buffer is used to maintain pH in cell culture medium
   oxygen  
   hydrogen  
   argon  
   carbon dioxide
   No, the answer is incorrect.  
   Accepted Answer: carbon dioxide

9) ______ implies that the synthesis of specific products or other specialised functions are under regulatory control and can be re-activated if the right conditions are simulated.
   Differentiation  
   Selection  
   De-differentiation  
   De-differentiation
   No, the answer is incorrect.  
   Accepted Answer: De-differentiation

10) Which of these is a non-adherent cell type?
    fibroblasts  
    epithelial cells  
    osteocytes  
    macrophages
    No, the answer is incorrect.  
    Accepted Answer: osteocytes