

# Biology (SLO Based)

PR – IX (A-I-A4) (24)

۱۔ ہر سوال کے سامنے چار دائرے دیئے گئے ہیں۔ صرف صحیح جواب والا دائرہ بھر دیں۔

۲۔ دائروں کو شیڈ (بھرنے) کے لیے نیلے یا کالے رنگ کا پین استعمال کریں۔

۳۔ جواب میں ایک سے زائد دائرے بھرنے سے جواب غلط تصور ہوگا۔

Time: 15 Min

## SECTION-A

Marks: 12

- 1) Type of cell division that maintain chromosome number in daughter cell is:  
 Mitoses     Meiosis     Meiosis-I     Anaphase-I
- 2) In the presence of enzymes, chemical reactions proceed at a:  
 Faster rate     Slower rate  
 Constant rate     Medium rate
- 3) If the reactants of chemical reactions are  $ATP+H_2O \rightarrow \dots$  then the products will be;  
  $AMP+Pi+7.3Kcal$       $ADP+Pi+7.3Kcal$   
  $ATP+Pi+7.3Kcal$       $ADP+7.3Kcal$
- 4) Very intense light is:  
 Useful for chlorophyll     Increase photosynthesis  
 Damages chlorophyll     Help chlorophyll formation
- 5) Which of the given vitamin is needed for the growth and repair of body tissues?  
 Vitamin A     Vitamin B     Vitamin C     Vitamin D
- 6) Lungs are responsible for adding oxygen to the deoxygenated blood that they receive from;  
 Hepatic artery     Renal artery  
 Coronary artery     Pulmonary artery
- 7) The study of form, shapes and structure of organisms is;  
 Morphology     Anatomy     Histology     Physiology
- 8) Collected data is analyzed by using;  
 Biological method     Statistical method  
 Mathematical method     Ecological method
- 9) Which of the given is an example of Protista?  
 Penicillium     Mosses     Smut     Euglena
- 10) Mathias Schleiden claimed that;  
 Nucleus is spherical body in plant cell  
 All plants are made up of cells  
 All living organisms are made of cellular tissues  
 Every cell comes from a cell
- 11) Which substance is present in higher concentration after the food is digested in small intestine?  
 Glucose      $O_2$       $CO_2$      Glycogen
- 12) In which of the given phase, neurons cells remain for indefinite period of time?  
 G 1-Phase     G 2-Phase     G 0-Phase     S-Phase