



# VIDYA BHARATI SCHOOL

Olympiad (2017)May

Grade X Subject: Science

**1 In Photosynthetic process, atmospheric carbon di oxide is \_\_\_\_\_ to carbohydrates**

- a) oxidised      b) Reduced      c) Neutralised      d) Burnt

**2 When water enters the guard cells the stomata**

- a) Opens      b) Closes      c) Open or closes      d) No effect

**3 On seeing good food our mouth waters. This fluid is actually**

- a) Water      b) Hormone      c) Enzyme      d) None of the above

**4 The enzyme Pepsin is inactive in stomach without the presence of**

- a) Nitric Acid      b) Hydrochloric acid      c) Acetic acid      d) Butyric acid

**5 Villi present on the inner lining of the intestinal wall**

- a) Secretes enzymes for digestion      b) Secretes hormones  
c) Decreases the surface area for absorption      d) Increases the surface area for absorption

**6 During cellular respiration one molecule of glucose is first broken down into two molecules of \_\_\_\_\_**

- a) Acetic acid      b) Pyruvic acid      c) Lactic acid      d) None of the above

**7 Rajbir was absent in the class because of muscle pain which he claims to be due to excess physical exercise he had done yesterday. This pain is due to**

- a) Formation of lactic acid      b) Formation of acetic acid  
c) Formation of Pyruvic acid      d) Formation of Hydrochloric acid

**8 Right part of the human heart contains**

- a) Oxygenated blood      b) Mixed blood      c) Deoxygenated blood  
d) No blood

**9 The transport of soluble products of photosynthesis is called translocation and it occurs in the part of the vascular tissue called**

- a) Xylem      b) Sclerenchyma      c) Phloem      d) Collenchyma

**10 In human each kidney has large numbers of filtration units called**

- a) Neutrons      b) Neurons      c) Neptune      d) Nephrons

**11. In electric bells electric energy transform in to \_\_\_\_\_energy.**

- (a) Mechanical energy      (b) Magnetic energy      (c) Sound energy  
(d) Light energy

**12.The positive terminal of an electric cell is-**

- (a) Metal disc      (b) Metal case      (c) Metal cap      (d) Metal base

**13.The tiny coiled metal wire present inside the bulb is called-**

- (a) Element      (b) Conductor      (c) Filament      (d) None of these

**14. A combination of two or more electric cells is called**

- (a) Electric circuit      (b) Battery      (c) Terminals      (d) None of these

**15. An electric bulb has \_\_\_\_\_terminals.**

- (a) 3      (b) 4      (c) 1      (d) 2

**16 An electric device which easily closes or opens an electric circuit is-**

- (a) Filament      (b) Electric bulb      (c) Electric switch      (d) Electric cell

**17. A material which does not allow the electricity to pass through it is**

- (a) Conductor      (b) Electric cell      (c) Insulator      (d) None of these.

**18. Non-metals like \_\_\_\_\_and \_\_\_\_\_are conductors of electricity.**

- (a) Wood and paper      (b) Graphite and gas carbon      (c) Glass and rubber      (d)  
None of these

**19. A material which allows the electricity to pass through it is**

- (a) conductor      (b) Insulator      (c) Transistor      (d) None of these

**20. Electric energy is produced from the\_\_\_\_\_ within the cell.**

- (a) Chemicals      (b) Metals      (c) Terminals      (d) None of these

**\*For more practice material please click: [www.brilliant.org](http://www.brilliant.org);[www.sofolympiadtrainer.com](http://www.sofolympiadtrainer.com);  
[www.olympiadhelper.com](http://www.olympiadhelper.com)**