

KNOWLEDGE HORIZON CLASSES

Test Series

- Q.1** Which of the following type of energy is used by living organisms to perform vital life processes?
- (i) Kinetic energy
 - (ii) Chemical energy
 - (iii) Potential energy
 - (iv) Nuclear energy
- Q.2** Exchange of gases in human respiratory system takes place in
- (i) Trachea.
 - (ii) Bronchi.
 - (iii) Bronchioles.
 - (iv) Alveoli.
- Q.3** Which of the following statements is not correct
- (i) Tracheids and vessels are non-living conducting tissues.
 - (ii) Deoxygenated blood is poured into right atrium
 - (iii) The excretory units of flatworms are flame cells.
 - (iv) Human kidney has about 1 million nephridia.
- Q.4** The blood cells responsible for clotting of blood are
- (i) Erythrocytes
 - (ii) Blood platelets
 - (iii) White blood corpuscles
 - (iv) Red blood cell
- Q.5** Reflex action is controlled by
- (i) Spinal cord
 - (ii) Peripheral nervous system
 - (iii) Autonomous nervous system
 - (iv) Brain.
- Q.6** The directional movement or orientation of part of plant in response to light is termed
- (i) Chemotropism
 - (ii) Phototropism

- (iii) Phototaxis
 - (iv) Photoperiodism
- Q.7** Asexual reproduction involves
- (i) Only one parent
 - (ii) Two parents
 - (iii) Meiosis and syngamy
 - (iv) Fusion of two gametes
- Q.8** Which of the following is a recessive trait in garden pea plant?
- (i) Tall stem
 - (ii) Wrinkled seeds
 - (iii) Coloured seed coat
 - (iv) Round seeds
- Q.9** Name the organ which is vestigial in man but not in bird
- (i) Appendix
 - (ii) Caecum
 - (iii) Nictitating membrane
 - (iv) All of these
- Q.10** Ultraviolet radiation from sunlight causes a reaction which produces
- (i) O_3
 - (ii) SO_2
 - (iii) CO
 - (v) CH_4
- Q.11** The green color of plants is due to the presence of
- (i) Chlorophyll.
 - (ii) Carotene.
 - (iii) Xanthophylls.
 - (iv) Starch.
- Q.12** Blood from superior vena cava flows into
- (i) Right atrium
 - (ii) Right ventricle
 - (iii) Left atrium
 - (iv) Left ventricle
- Q.13** The cup shaped upper end of nephron is called
- (i) Bowman's capsule
 - (ii) Glomerulus
 - (iii) Nephrostome
 - (iv) Nephridiopore
- Q.14** Cerebral hemispheres are the centres of

- (i) Posture and equilibrium
 - (ii) Reflex actions
 - (iii) Thinking and memory
 - (iv) All of these
- Q.15** Male sex hormone is termed
- (i) Estrogen
 - (ii) Luteinizing hormone
 - (iii) Follicle stimulating hormone
 - (iv) Testosterone
- Q.16** In human beings, the composition of female destined zygote is:
- (i) 22 + X
 - (ii) 44 + XX
 - (iii) 23 pairs
 - (iv) 44 + XY
- Q.17** A cross between tall pea plants with yellow seeds (TtYy) and dwarf plants with green seeds (ttyy), progeny will be:
- (i) All tall plants with yellow seeds.
 - (ii) Tall plants with yellow seeds and dwarf plants with green seeds.
 - (iii) Tall plants with yellow seeds, dwarf plants with yellow seeds,
 - (iv) Tall plants with yellow seeds, dwarf plants with yellow seeds, tall plants with green seeds and dwarf plants with green seeds.
- Q.18** Wild cabbage has evolved into new varieties like cabbage, broccoli, and cauliflower by.
- (i) Reproductive isolation
 - (ii) Genetic drift
 - (iii) Natural selection
 - (iv) Artificial selection
- Q.19** Which one of the following is exhaustible resource?
- (i) Precipitation (Rain)
 - (ii) Coal
 - (iii) Air
 - (iv) Tidal energy
- Q.20** Which one of the following is renewable resource?
- (i) Wild life
 - (ii) Coal
 - (iii) Natural gas
 - (iv) Petroleum