

1 vii Biology
Multiple Choice Questions (MCQs)
(for 2nd Term)
CLASS: VII
SUBJECT: BIOLOGY

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Chapter – 4 [Plant life]

- Question 1) Organisms that prepare their food on their own are called _____
(a) Autotrophs (b) Heterotrophs (c) saprotrophs (d) phagotrophs
- Question 2) Green plants synthesis their food by the process of _____
(a) photosynthesis (b) transpiration (c) respiration (d) none of these
- Question 3) The word photon means _____
(a) heat (b) light (c) humidity (d) both a and b
- Question 4) Chlorophyll is a _____ coloured riment present in leaves
(a) red (b) green (c) purple (d) yellow
- Question 5) Chlorophyll present in the _____ of the leaf cell
(a) protoplast (b) chromoplast (c) leucoplast (d) chloroplast
- Question 6) _____ are the biproducts of photosynthesis
(a) sugar and CO₂ (b) H₂O and CO₂ (c) Sugar and O₂ (d) O₂ and CO₂
- Question 7) During photosynthesis food is produced in the form of _____
(a) protein (b) fat (c) starch (d) lipid
- Question 8) The lower surface of leaf and green stem have small openings called _____
(a) nuclear pore (b) stomata (c) guard cells (d) none of these
- Question 9) Each stomata is made up of _____ been shaped cells
(a) one (b) three (c) two (d) four
- Question 10) The stomata remain open in _____
(a) night (b) day (c) both a and b (d) shade
- Question 11) _____ light is more beneficial for photosynthesis
(a) green (b) yellow (c) red (d) purple
- Question 12) _____ is released by the process of photosynthesis
(a) CO₂ (b) O₂ (c) Nitrogen (d) carbon
- Question 13) _____ is the process of releasing energy by breaking down food for life activities
(a) photosynthesis (b) transpiration (c) respiration (d) none of these
- Question 14) The process of breathing in is called _____
(a) inhalation (b) exhalation (c) cellular respiration (d) none of these
- Question 15) Aerobic respiration takes place in the presence _____
(a) carbon dioxide (b) nitrogen (c) oxygen (d) Argon
- Question 16) Aerobic respiration results in the formation of _____ ATP molecule
(a) 36 (b) 37 (c) 35 (d) 39
- Question 17) Anaerobic respiration results in the formation of _____ ATP
(a) one (b) two (c) three (d) four
- Question 18) _____ results in the formation of ethyl alcohol as bi products
(a) Aerobic respiration (b) Anaerobic respiration (c) cellular respiration (d) external respiration
- Question 19) _____ are tiny pores present on mature roots and woody stems of some trees
(a) stomata (b) cuticle (c) lenticels (d) all of these
- Question 20) Choose the fruit which have lenticels on these
(a) banana (b) apple (c) orange (d) mango
- Question 21) Food is manufactured in this process
(a) transpiration (b) respiration (c) photosynthesis (d) osmosis
- Question 22) _____ and water are the two essential raw materials for photosynthesis
(a) oxygen (b) CO₂ (c) nitrogen (d) both a and b
- Question 23) Optimum temperature for photosynthesis
(a) 20 – 40°C (b) 10 – 20°C (c) 30 – 40°C (d) 40 – 50°C
- Question 24) Time during which stomata are open
(a) night (b) day (c) both a and b (d) evening
- Question 25) Gas which turn lime water milky
(a) oxygen (b) argon (c) CO₂ (d) nitrogen

Chapter – 5 [Excretory system]

- Question 1) The process of removal of waste materials from the body is called _____
(a) respiration (b) digestion (c) excretion (d) circulation
- Question 2) _____ is an excretory organ
(a) liver (b) kidney (c) lungs (d) all
- Question 3) The breakdown of excess of molecules in the body leads to the formation of nitrogenous waste products
(a) carbohydrate (b) protein (c) fat (d) vitamins
- Question 4) Nitrogenous waste products include
(a) ammonia (b) urea (c) uric acid (d) all
- Question 5) _____ play an important role in the removal of nitrogenous waste material
(a) liver (b) kidney (c) lungs (d) skin
- Question 6) Bile pigment is formed in the _____
(a) kidney (b) liver (c) lungs (d) skin
- Question 7) Bile pigment is formed in the liver by breakdown of hemoglobin in dead _____ blood cells.
(a) while (b) red (c) patelets (d) plasma

2 vii Biology

- Question 8) Carbon dioxide is expelled out of the body through _____
 (a) liver (b) kidney (c) lungs (d) skin
- Question 9) The excess salts are removed from the body through
 (a) kidney (b) lungs (c) skin (d) liver
- Question 10) Water soluble vitamins are excreted from the body through
 (a) sweat (b) excreta (c) urine (d) all
- Question 11) _____ are chief excretory organs
 (a) kidney (b) liver (c) ureter (d) urinary bladder
- Question 12) _____ help in the filtration of blood and formation of urine
 (a) liver (b) kidney (c) skin (d) urethra
- Question 13) _____ are tubes that emerge from the kidney
 (a) Urethra (b) Ureters (c) Uterus (d) urinary bladder
- Question 14) _____ helps in the temporary storage of urine
 (a) urethra (b) urinary bladder (c) ureter (d) kidney
- Question 15) It is the duct through which urine passes out
 (a) kidney (b) ureter (c) urinary bladder (d) urethra
- Question 16) Each kidney is enclosed in a transparent membrane called
 (a) meninges (b) peritoneum (c) pericardium (d) placenta
- Question 17) The inner margin of the kidney is concave and is called _____
 (a) medulla (b) cortex (c) hilus (d) glomerulus
- Question 18) The outer dark zone of the kidney
 (a) medulla (b) cortex (c) glomerulus (d) hilus
- Question 19) The inner light zone of the kidney is called
 (a) cortex (b) hilus (c) medulla (d) glomerulus
- Question 20) _____ is the basic functional unit of kidney
 (a) neuron (b) nephron (c) nephridia (d) glomerulus
- Question 21) The Bowman's capsule and glomerulus together are called _____
 (a) coxal gland (b) nephridia (c) Malpighian body (d) nephron
- Question 22) During secretion most of the _____ is exchanged for reabsorbed sodium
 (a) calcium (b) potassium (c) phosphorus (d) both a and b
- Question 23) _____ is a waste substance in gaseous form
 (a) urea (b) CO₂ (c) chloride (d) creatinine
- Question 24) _____ converts toxic ammonia into less toxic urea
 (a) skin (b) kidney (c) liver (d) lungs
- Question 25) _____ is a problem in which the victim loses bladder control
 (a) Urinary tract infection (b) urinary incontinence (c) kidney stone (d) kidney failure

