

PHYSIOLOGY OF PLANTS, HUMANS AND ANIMALS BASED GENERAL SCIENCE MCQ PRACTICE QUESTIONS AND ANSWERS PDF WITH EXPLANATION

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Created By [Careericons](#) Team

Q1. Consider the following statements.

- Sweet orange plant is propagated by grafting technique.
- Jasmine plant is propagated by layering technique.

Which of the statement(s) given above is/are correct?

- a) Only 2
 - b) Both 1 and 2
 - c) Only 1
 - d) Neither 1 nor 2
-

Q2. Largest number of neuron cell is present in human body in

- a) spinal cord
 - b) retina
 - c) brain
 - d) tongue
-

Q3. Study the following statements:

- Blue-green algae is not a type of algae
- In tree, the growth ring represent secondary xylem.
- Longest fibres are found in jute.

Which of the statement(s) given above is/are correct?

- a) 1 and 2
 - b) 1 only
 - c) 2 only
 - d) 1, 2 and 3
-

Q4. Which of the following disease is not concerned with disorders of circulatory system?

- a) Angina
- b) Heart failure
- c) Coronary artery disease
- d) Uremia

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Q5. Glucagon is secreted by

- a) a (alpha) cells of islets of langerhans
- b) b (beta) cells of islets of langerhans
- c) b cells of pancreas
- d) adrenal cortex

Q6. Consider the following plants.

- Bougainvillea
- Carnations
- Cocoa
- Grapes

Which of these plants are propagated by stem cuttings?

- a) 2, 3 and 4
- b) 1, 2 and 4
- c) 1 and 2
- d) 1, 2, 3 and 4

Q7. Haploid, diploid and triploid conditions respectively can be traced in

- a) antipodal, egg, endosperm

- b) endosperm, nucellus, synergids
 - c) egg, nucellus, endosperm
 - d) antipodal, synergids and integuments
-

Q8. Which one of the following pairs is not correctly matched:

- a) Fallopian tube : Female reproductive system
 - b) Loop of Henle : Kidney
 - c) Epididymis : Male reproductive system
 - d) Cowper's gland : Intestine
-

Q9. Which among the following is the largest phylum in the animal kingdom in respect of number of species ?

- a) Chordata
 - b) Platyhelminthes
 - c) Annelida
 - d) Arthropoda
-

Q10. Which of the following is not performed by root hairs ?

- a) Oxygen uptake
 - b) Mineral uptake
 - c) Water uptake
 - d) CO_2 uptake
-

Q11. A typical human ribcage consists of how many ribs?

- a) 14
- b) 12
- c) 16
- d) 24

Q12. Asthma is caused due to

- a) Spasm in bronchial muscles
- b) Infection of lungs
- c) Bleeding into pleural cavity
- d) infection of trachea

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Q13. Soil can easily become deficient in_____ because these ions are negatively charged and do not stick to negatively charged clay particles.

- a) Calcium
- b) Ammonium
- c) Nitrate
- d) Magnesium

Q14. Dialysis is done in the condition when person is suffering from

- a) uremia
- b) diabetes
- c) polyuria
- d) haemoptysis

Q15. The most abundant protein in human blood is

- a) γ -globulin
 - b) albumin
 - c) transferrin
 - d) haemoglobin
-

Answers to the above questions :

Q1. Answer: (b)

Q2. Answer: (c)

Q3. Answer: (d)

Blue-green algae is a type of cyanobacteria and not algae, in trees, growth rings represent secondary xylem, longest fibres are present in jute.

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Q4. Answer: (d)

Q5. Answer: (a)

Q6. Answer: (d)

Q7. Answer: (c)

Q8. Answer: (d)

Q9. Answer: (d)

Arthropoda is the largest phylum of animalia which includes insects. Over two-thirds of all named species on earth are arthropods. They have organ-system level of organisation.

Q10. Answer: (d)

Q11. Answer: (b)

Q12. Answer: (a)

Q13. Answer: (c)

NO_3^- , is negatively charged and not tightly bound to soil particles.

Q14. Answer: (a)

Q15. Answer: (d)

Haemoglobin is pigment carrying oxygen in blood.

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