

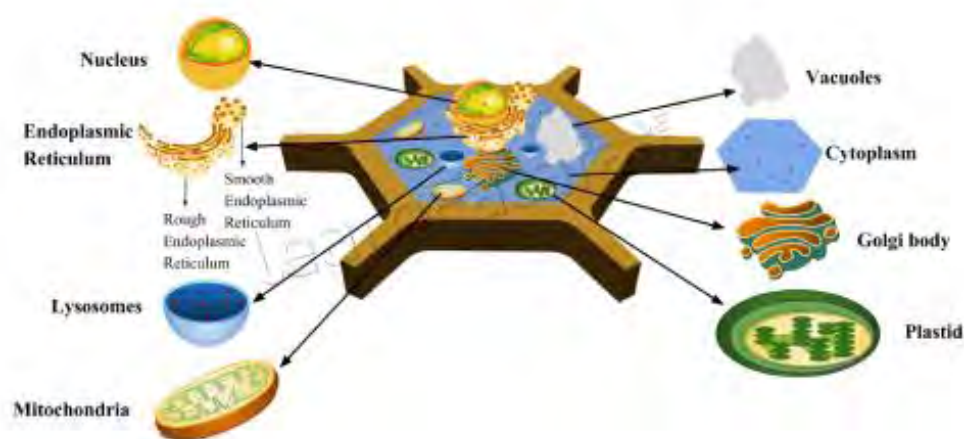
# Biology Quizzes & Important MCQs with Answers

(For college, university, and all types of competitive exams)

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- Life Processes MCQ Questions With Answers
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## Cell Organelles and Their Functions Quiz



**What is the function of a cell wall?**

- Structure and protection
- Organizes DNA
- Digests recycle materials

**Which of the following describes a cell that has an equal amount of solute as its environment?**

- Hypotonic
- Hypertonic
- Isotonic
- Osmotic

**Answer:** Isotonic

**Which of the following is not found in all cells?**

- DNA
- Plasma membrane
- Cytoplasm
- Lysosome

**Answer:** Lysosome

**Which of the following is the site of photosynthesis?**

- Smooth ER
- Chloroplast
- Mitochondria
- Cytoplasm

**Answer:** Chloroplast

**Which of the following scientists discovered that all animals have cells?**

- Leeuwenhoek
- Virchow
- Schwann
- Schleiden

**Answer:** Schwann

**Which of the following is instrumental in helping a cell maintain homeostasis?**

- Cytoskeleton
- Cell wall
- Nucleus

- Excretory system
- Respiratory system
- Digestive system
- Metabolism

**Answer:** Digestive system

**It obtains and distributes oxygen for our body.**

- Respiratory system
- Circulatory system
- Excretory system
- Digestive system

**Answer:** Respiratory system

**It is removed from your body through your skin.**

- Kidneys
- Sweat
- Urine
- Fecus

**Answer:** Sweat

**It is a type of liquid waste that your body needs to get rid of.**

- Urethra
- Urine
- Bladder
- Fecus

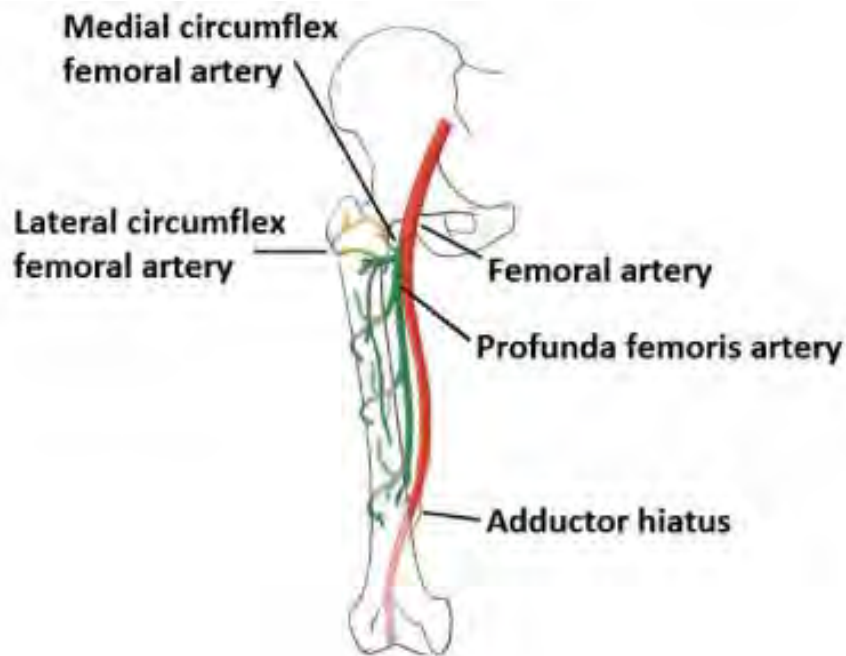
**Answer:** Urine

**It's part of the respiratory system.**

- Bladder
- Trachea
- Arteries
- Urethra

**Answer:** Trachea

## Lower Limb Anatomy Quiz Questions and Answers



**It is the first gear muscle.**

- ☐ Gastrocnemius
- ☐ Soleus
- ☐ Sartorius
- ☐ Gluteus medius

**Answer:** Soleus

**The skin of \_\_\_\_\_ is thick.**

- ☐ Facia latafascia lata
- ☐ Iliotibial tract
- ☐ Plantar aponeurosis
- ☐ None

**Answer:** None

**It is the largest and longest bone of the body:**

- ☐ Hip bone
- ☐ Femur
- ☐ Vertebra
- ☐ Tibia

- $AB \rightarrow A+B$
- $C+D \rightarrow AB$

**Answer:**  $AB \rightarrow A+B$

**Which of the following is not hydrophilic?**

- Carbohydrates
- Lipids
- Proteins
- Nucleic acid

**Answer:** Lipids

**Lipids are synthesized in:**

- The Golgi apparatus
- The smooth endoplasmic reticulum
- The rough endoplasmic reticulum
- The liver

**Answer:** The smooth endoplasmic reticulum

**In the citric acid cycle:**

- Carbon dioxide is released
- Hydrogen atoms are released
- 2 ATP's form
- All of the above

**Answer:** All of the above

**An ATP molecule consists of adenine, a ribose, and 3 phosphates.**

- True
- False

**Answer:** True

**\_\_\_\_\_ is not part of one of the 4 basic body tissues.**

- Epithelial tissue
- Connective tissue
- Brain tissue
- Muscle tissue