

STEM (HEALTH SCIENCE)

1. **Which organ pumps blood throughout the body?**
 - a. Lungs
 - b. Heart
 - c. Brain
 - d. Kidney

(Answer: b)
2. **Which system controls movement with muscles and bones?**
 - a. Digestive system
 - b. Musculoskeletal system
 - c. Circulatory system
 - d. Nervous system

(Answer: b)
3. **Where does digestion begin?**
 - a. Stomach
 - b. Mouth
 - c. Small intestine
 - d. Esophagus

(Answer: b)
4. **Which part of the brain controls balance and coordination?**
 - a. Cerebrum
 - b. Cerebellum
 - c. Medulla oblongata
 - d. Hypothalamus

(Answer: b)
5. **Which is the basic unit of life?**
 - a. Atom
 - b. Cell
 - c. Tissue
 - d. Organ

(Answer: b)
6. **Which blood cells fight against infections?**
 - a. Red blood cells
 - b. Platelets
 - c. White blood cells
 - d. Plasma cells

(Answer: c)
7. **Photosynthesis mainly takes place in which part of a plant?**
 - a. Roots
 - b. Stem
 - c. Leaves
 - d. Flowers

(Answer: c)
8. **Which process describes how organisms pass traits to offspring?**
 - a. Respiration
 - b. Digestion
 - c. Heredity
 - d. Circulation

(Answer: c)

9. **Which disease is caused by a lack of insulin in the body?**
a. Asthma
b. Diabetes
c. Tuberculosis
d. Hypertension
(Answer: b)
10. **Which of the following is a communicable disease?**
a. Cancer
b. Flu (Influenza)
c. Diabetes
d. Asthma
(Answer: b)
11. **What is the main purpose of vaccines?**
a. To cure illnesses immediately
b. To boost immunity and prevent diseases
c. To remove toxins from the body
d. To strengthen muscles
(Answer: b)
12. **Which type of energy is measured in food?**
a. Light energy
b. Heat energy
c. Electrical energy
d. Chemical energy
(Answer: d)
13. **In chemistry, H₂O is the formula for what substance?**
a. Salt
b. Water
c. Oxygen
d. Carbon dioxide
(Answer: b)
14. **In medical imaging, X-rays are used to view what?**
a. Muscles
b. Bones
c. Skin
d. Blood
(Answer: b)
15. **Which global organization monitors and responds to international health emergencies?**
a) Red Cross
b) United Nations
c) World Health Organization (WHO)
d) CDC
(Answer: c)
16. **Which laboratory tool is used to measure liquid volume accurately?**
a) Beaker
b) Test tube
c) Graduated cylinder
d) Petri dish
(Answer: c)

17. Which of these health problems is most studied in public health research?

- a. Global warming
- b. Infectious diseases
- c. Car design
- d. Mobile apps

(Answer: b)

18. What is a microscope used for?

- a. To see very small organisms or cells
- b. To measure weight
- c. To magnify stars in the sky
- d. To cook food

(Answer: a)

19. Which safety item should always be worn during lab experiments?

- a. Sunglasses
- b. Lab coat and goggles
- c. Chef's hat
- d. Sports shoes

(Answer: b)

20. What is a stethoscope used for?

- a. To check blood pressure
- b. To listen to heartbeats and breathing
- c. To measure temperature
- d. To test eyesight

(Answer: b)