



RAMAGYA SCHOOL, NOIDA
V/SCIENCE/2017-18
OLYMPIAD PRACTICE WORKSHEET

- 1) What is the skeletal system?
 - a) All the bones in the body
 - b) All the muscles & tendons
 - c) All the body organs, both soft and hard tissue
 - d) All the bones in the body and the tissue that connect them

- 2) How many bones are there in the average person's body?
 - a) 33
 - b) 206
 - c) 639
 - d) it varies by the individual

- 3) Which bone protects the brain?
 - a) The sternum
 - b) The cranium
 - c) The cerebrum
 - d) The cerebellum

- 4) The purpose of the ribcage is to:
 - a) protect the stomach
 - b) protect the spinal cord
 - c) protect the heart and lungs
 - d) protect all the nerves

- 5) What is the difference between cartilage and bone?
 - a) bone is rubbery, cartilage is firm
 - b) cartilage is rubbery, bone is firm
 - c) bone is more primitive tissue than cartilage
 - d) bone is inside the body and cartilage is outside

- 6) The hollow space in the middle of bones is filled with
 - a) air
 - b) blood
 - c) bone cells
 - d) bone marrow

- 7) Muscles are made of
 - a) silica
 - b) polyester threads
 - c) calcium and phosphorous
 - d) fibrous cells

- 8) What is the function of a tendon?
 - a) to link bone to bone
 - b) to link muscle to bone
 - c) to link muscle to ligament
 - d) to bind the cells in compact bone

- 9) Sternum is connected to ribs by
 - a) bony matter
 - b) areolar tissue
 - c) hyaline cartilage
 - d) white fibrous cartilage

- 10) The cervical vertebrae in human is
a) same as in whale b) more than that in rabbit c) double than that of horse
d) less than that in giraffe
- 11) What will happen if ligaments are torn?
a) bones will move freely at joint and no pain
b) bone will become unfixed
c) bone will become fixed
d) bone less movable at joint and pain
- 12) The type of joint between the human skull bones is called
a) cartilaginous joints b) hinge joints c) fibrous joints d) synovial joints
- 13) What do the patella and ulna protect?
a) Wrist and elbow b) digestive organs c) respiratory organs d) knee and elbow
- 14) What protects the spinal cord?
a) Patella b) ulna c) radius d) vertebrae
- 15) What do bones store?
a) Bile and insulin b) urine and faeces c) calcium and iron d) pancreatic juices
- 16) What does the clavicle and scapula protect?
a) Brain b) intestine c) shoulder d) liver
- 17) Number of vertebrae in human is
a) 33 b) 32 c) 22 d) 26
- 18) The longest bone in the human body is
a) stapes b) humerus c) ulna d) femur
- 19) How many bones are present in human skull?
a) 42 b) 32 c) 12 d) 22
- 20) Number of floating ribs present in human?
a) 3 pairs b) 2 pairs c) 4 pairs d) 12 pairs