{

question: "What is anatomy?",

options: "The study of the structure of organisms","The study of chemical reactions in the body","The study of diseases","The study of weather patterns",

correct: "option 1"

},

{

question: "Which system is responsible for providing support and protection to the body's organs?",

options: "Nervous system","Circulatory system","Skeletal system","Digestive system",

correct: "option 3"

},

{

question: "What are the basic units of life?",

options: "Organs","Tissues","Cells","Systems",

correct: "option 3"

},

{

question: "Which of the following is not a type of muscle tissue?",

options: "Skeletal muscle","Cardiac muscle","Smooth muscle","Nervous muscle",

correct: "option 4"

},

{

question: "Which organ is responsible for filtering waste products from the blood?",

options: "Liver","Kidney","Pancreas","Heart",

correct: "option 2"

},

{

question: "Which part of the brain is responsible for regulating vital functions such as breathing and heart rate?",

options: "Cerebrum","Cerebellum","Medulla oblongata","Thalamus",

correct: "option 3"

},

{

question: "What is the largest organ in the human body?",

options: "Heart","Brain","Liver","Skin",

correct: "option 4"

},

{

question: "Which of the following is not a function of the skeletal system?",

options: "Protection of internal organs","Production of blood cells","Regulation of body temperature","Storage of minerals",

correct: "option 3"

},

{

question: "Which type of tissue lines the surfaces of organs and body cavities?",

options: "Connective tissue","Muscle tissue","Epithelial tissue","Nervous tissue",

correct: "option 3"

},

{

question: "What is the function of the respiratory system?",

options: "Transporting oxygen to cells and removing carbon dioxide","Digesting food and absorbing nutrients","Pumping blood throughout the body","Producing hormones to regulate body functions",

correct: "option 1"

},

{

question: "Which type of joint allows for the widest range of motion?",

options: "Hinge joint","Ball and socket joint","Pivot joint","Fixed joint",

correct: "option 2"

},

{

question: "Which of the following is not a component of blood?",

options: "Red blood cells","White blood cells","Platelets","Plasma",

correct: "option 4"

},

{

question: "What is the function of the lymphatic system?",

options: "Transporting nutrients to cells","Filtering waste products from the blood","Regulating body temperature","Fighting infections and diseases",

correct: "option 4"

},

{

question: "Which of the following is not part of the central nervous system?",

options: "Brain","Spinal cord","Peripheral nerves","Retina",

correct: "option 3"

},

{

question: "Which gland is often referred to as the 'master gland' because it regulates other endocrine glands?",

options: "Thyroid gland","Adrenal gland","Pituitary gland","Pancreas",

correct: "option 3"

},

{

question: "What is the function of the digestive system?",

options: "Transporting oxygen to cells and removing carbon dioxide","Digesting food and absorbing nutrients","Pumping blood throughout the body","Producing hormones to regulate body functions",

correct: "option 2"

},

{

question: "Which bone is commonly known as the 'collarbone'?",

options: "Femur","Clavicle","Radius","Tibia",

correct: "option 2"

},

{

question: "What is the function of the integumentary system?",

options: "Regulating body temperature","Transporting oxygen to cells","Digesting food","Producing hormones",

correct: "option 1"

},

{

question: "Which of the following is not a function of the urinary system?",

options: "Filtering waste products from the blood","Regulating fluid balance","Producing hormones to control blood sugar levels","Regulating blood pressure",

correct: "option 3"

},

{

question: "Which part of the eye is responsible for focusing light onto the retina?",

options: "Cornea","Lens","Retina","Optic nerve",

correct: "option 2"

},

{

question: "What is the function of the endocrine system?",

options: "Transporting nutrients to cells","Regulating body temperature","Producing hormones to control body functions","Filtering waste products from the blood",

correct: "option 3"

},

{

question: "Which type of muscle tissue is striated and under voluntary control?",

options: "Smooth muscle","Cardiac muscle","Skeletal muscle","Nervous muscle",

correct: "option 3"

},

{

question: "What is the function of the cardiovascular system?",

options: "Digesting food and absorbing nutrients","Regulating body temperature","Pumping blood throughout the body","Producing hormones to control body functions",

correct: "option 3"

},

{

question: "Which of the following is not part of the axial skeleton?",

options: "Skull","Vertebrae","Ribs","Clavicle",

correct: "option 4"

},

{

question: "Which of the following is not a function of the muscular system?",

options: "Producing movement","Supporting and protecting organs","Generating heat to maintain body temperature","Regulating body temperature",

correct: "option 4"

},

{

question: "Which part of the brain is responsible for higher cognitive functions such as thinking and decision-making?",

options: "Cerebrum","Cerebellum","Medulla oblongata","Thalamus",

correct: "option 1"

},

{

question: "What is the function of the nervous system?",

options: "Regulating body temperature","Producing hormones to control body functions","Processing sensory information and sending signals to the body","Filtering waste products from the blood",

correct: "option 3"

},

{

question: "Which of the following is not a function of the lymphatic system?",

options: "Transporting nutrients to cells","Filtering harmful substances from lymph","Producing and maturing white blood cells","Maintaining fluid balance in tissues",

correct: "option 1"

},

{

question: "Which organ is responsible for producing insulin?",

options: "Liver","Pancreas","Kidney","Spleen",

correct: "option 2"

},

{

question: "What is the function of the immune system?",

options: "Digesting food and absorbing nutrients","Regulating body temperature","Fighting infections and diseases","Pumping blood throughout the body",

correct: "option 3"

},

{

question: "Which type of tissue connects muscles to bones?",

options: "Tendons","Ligaments","Cartilage","Adipose tissue",

correct: "option 1"

},

{

question: "What is the function of the reproductive system?",

options: "Producing hormones to regulate body functions","Transporting nutrients to cells","Producing gametes for reproduction","Regulating body temperature",

correct: "option 3"

},

{

question: "Which of the following is not a component of the integumentary system?",

options: "Skin","Hair","Nails","Bones",

correct: "option 4"

},

{

question: "What is the function of the skeletal system?",

options: "Regulating body temperature","Producing hormones to control body functions","Supporting and protecting the body","Pumping blood throughout the body",

correct: "option 3"

},

{

question: "Which of the following is not a function of the circulatory system?",

options: "Regulating body temperature","Transporting nutrients and oxygen to cells","Removing waste products from cells","Producing hormones to control body functions",

correct: "option 1"

},

{

question: "Which bone is commonly known as the 'thighbone'?",

options: "Femur","Tibia","Fibula","Patella",

correct: "option 1"

},

{

question: "What is the function of the digestive enzyme amylase?",

options: "Breaks down proteins","Breaks down fats","Breaks down carbohydrates","Breaks down nucleic acids",

correct: "option 3"

},

{

question: "Which of the following is not a function of the respiratory system?",

options: "Regulating blood sugar levels","Supplying oxygen to cells","Removing carbon dioxide from the body","Regulating pH balance",

correct: "option 1"

},

{

question: "Which of the following is not a component of the central nervous system?",

options: "Spinal cord","Peripheral nerves","Brain","Retina",

correct: "option 2"

},

{

question: "What is the function of the excretory system?",

options: "Digesting food and absorbing nutrients","Regulating body temperature","Removing waste products from the body","Pumping blood throughout the body",

correct: "option 3"

},

{

question: "Which of the following is not a function of the endocrine system?",

options: "Regulating metabolism","Regulating growth and development","Producing and releasing hormones","Producing digestive enzymes",

correct: "option 4"

},

{

question: "Which gland is responsible for producing melatonin, a hormone that regulates sleep-wake cycles?",

options: "Pituitary gland","Thyroid gland","Adrenal gland","Pineal gland",

correct: "option 4"

},

{

question: "What is the function of the cerebellum?",

options: "Regulating body temperature","Coordinating muscle movement and balance","Processing sensory information","Regulating emotions",

correct: "option 2"

},

{

question: "Which of the following is not a function of the muscular system?",

options: "Producing movement","Supporting and protecting organs","Generating heat to maintain body temperature","Producing hormones to regulate body functions",

correct: "option 4"

},

{

question: "Which part of the brain is responsible for processing sensory information such as touch and temperature?",

options: "Cerebrum","Cerebellum","Medulla oblongata","Thalamus",

correct: "option 4"

},

{

question: "What is the function of the urinary bladder?",

options: "Digesting food","Storing urine","Producing urine","Filtering blood",

correct: "option 2"

},

{

question: "Which of the following is not a component of the peripheral nervous system?",

options: "Brain","Cranial nerves","Spinal nerves","Autonomic nervous system",

correct: "option 1"

},

{

question: "What is the function of the pancreas?",

options: "Producing insulin and glucagon to regulate blood sugar levels","Filtering waste products from the blood","Producing digestive enzymes to break down food","Regulating body temperature",

correct: "option 1"

},

{

question: "Which organ is responsible for producing bile?",

options: "Liver","Gallbladder","Pancreas","Spleen",

correct: "option 1"

},

{

question: "What is the function of the hypothalamus?",

options: "Regulating body temperature","Coordinating muscle movement and balance","Producing hormones to control body functions","Regulating hunger, thirst, and sleep cycles",

correct: "option 4"

},

{

question: "Which of the following is not a function of the skeletal system?",

options: "Producing blood cells","Supporting and protecting organs","Storing minerals such as calcium","Contracting to produce movement",

correct: "option 4"

},

{

question: "Which part of the eye contains photoreceptor cells that detect light?",

options: "Cornea","Lens","Retina","Optic nerve",

correct: "option 3"

},

{

question: "What is the function of the thymus gland?",

options: "Producing insulin to regulate blood sugar levels","Producing melatonin to regulate sleep-wake cycles","Producing hormones to control metabolism","Producing and maturing T lymphocytes for the immune system",

correct: "option 4"

}