*Types of question*s: MCQ, Fill in the blanks, labeling,short answer,extended response,essay.
Time: 2hours

Chapter 29: Endocrine systems

HS-LS1-2

Develop and use a model to illustrate the hierarchical organization of interacting systems that provide specific functions within multicellular organisms

- Briefly summarize the endocrine system and its role in homeostasis
- Define hormone, summarize how and when the hormones are released

Chapter 30: Respiratory and Circulatory Systems

HS-LS1-2

Develop and use a model to illustrate the hierarchical organization of interacting systems that provide specific functions within multicellular organisms

- Describe how the respiratory and circulatory systems work together.
- Explain the components of the respiratory system in order?
- Describe what is happening in the alveoli during the gas exchange in your lungs. How are capillaries involved?
- What are the components of the circulatory system?
- What is the function of veins,arteries and capillaries?
- Outline the structure of the heart
- What are the 4 main components of blood? Explain the function of each one.
- Explain the electrical conductivity of the heart.

Chapter 32: Digestive & Excretory systems

HS-LS1-2

Develop and use a model to illustrate the hierarchical organization of interacting systems that provide specific functions within multicellular organisms

- What is digestion?
- Explain the difference between mechanical and chemical digestion
- Explain the enzymes involved in the digestion of starch,proteins and fats.
- Explain the role of bile in the digestion process.
- Explain the role of insulin and glucagon in maintaining the blood glucose level.