

55. Which of the following will be increased in vitamin K deficiency?
- The plasma concentration of calcitonin
 - The plasma concentration of prothrombin
 - The time for blood to clot
 - The time for broken bones to heal
56. Which of the following will increase in vitamin D deficiency?
- The plasma concentration of prothrombin
 - The plasma concentration of preprothrombin
 - The plasma activity of alkaline phosphatase
 - The plasma activity of acid phosphatase
57. Name the disease caused by the deficiency of Niacin?
- Pellagra
 - Rickets
 - Scurvy
 - Pernicious anemia
58. Which of the following cell organelle is responsible for transporting, modifying, and packaging proteins and lipids?
- Mitochondria
 - Endoplasmic Reticulum
 - Golgi Complex
 - DNA
59. A cell organelle that is present in animal cells but not present in plant cells is?
- Cytoplasm
 - Centrosome
 - Mitochondrial
 - Cytoplasm
60. Which of the following promote curvature of cell membrane?
- Phosphatidyl serine (PS)
 - Phosphatidyl inositol (PI)
 - Phosphatidyl choline (PC)
 - Phosphatidyl ethanolamine (PE)
61. Carbonic acid and bicarbonate ions buffer which of the following?
- Cytosol
 - Cytoplasm
 - Blood
 - Lymph
62. Which among the following is studied under 'fulminology'?
- Sudden changes in atmosphere
 - Lightning
 - Cloudbursts
 - Volcanic Eruptions
63. A small quantity of water is placed in a small cavity made in a block of Ice at 0 degree centigrade. Which of the following will happen?
- the temperature of water will become zero and it will freeze
 - the temperature of water will become zero but it will not freeze
 - the temperature of the water will become zero and it will come out of the cavity
 - the temperature of the water will become zero and ice will melt to merge with water
64. Which among the following is known as first electronic amplification device?
- Diode
 - Triode Vacuum Tubes
 - Vacuum Tubes
 - Bipolar transistors
65. Assertion (A) : Non-metals are electronegative in nature.
Reason (R): They have tendency to lose electrons.
Choose the correct option:
- Both (A) and (R) are true and (R) is the correct explanation of (A).
 - Both (A) and (R) are true, but (R) is not the correct explanation of (A).
 - (A) is true, but (R) is false.
 - (A) is false, but (R) is true.
66. VIBGYOR (Violet, Indigo, Blue, Green, Yellow, Orange, Red) are the rainbow colors in which of the following order?
- Increasing wavelength
 - Decreasing wavelength
 - Increasing polarization
 - Increasing Speed
67. Which of the following waves can be used to measure the speed of a approaching car?
- Light waves
 - Micro waves
 - Radio waves
 - Sound waves