

## **QUESTION BANK    BIOLOGY    2. YEAR**

- 1.Nervous system (describe main parts of nervous system + structure of the neuron)
- 2.Hormonal system (function of the hormonal system,main endocrine glands of human body and their hormones)
- 3.Structure of flowering plant (structure of the plant and structure of the flower)
- 4.Structure of the leaf (main parts of the leaf + tissues of the leaf)
- 5.Algae (main characteristics of algae,their structure and an example)
- 6.Mosses (main characteristics of mosses,their structure and an example)
- 7.Ferns (main characteristics of ferns,their structure and an example)
- 8.Seed plants (main characteristics and dividing of seed plants)
- 9.Monocotyledons and dicotyledons (main characteristics and an example)
- 10.Water and their characteristics (special characteristics of the water)
- 11.Organic substances – proteins, lipids ( the structure of these organic substances, their dividing and an example)
- 12.Organic substances – carbohydrates,nucleic acids ( the structure of these organic substances, their dividing and an example)
- 13.Metabolism (explain,what is the metabolism.Dividing of metabolic reactions and an example)
- 14.Enzymes (structure and function of the enzyme,some examples)
- 15.Factors affecting the enzyme activity (temperature,pH,inhibitors,activators)
- 16.Vitamins (main vitamins,their sources and main functions in our body)
- 17.Minerals (main minerals,their sources and main functions in our body)
- 18.DNA (history of DNA, the structure of DNA)
- 19.Replication (explain the process of replication)
- 20.Transcription (explain the process of transcription)
- 21.Translation (explain the process of translation)
- 22.Genetic code (definition of the genetic code and ribosomes)
- 23.Sexual and asexual reproduction (main differences between sexual and asexual reproduction)