Govt. College for Women,Gohana

Lesson Plan(2020-21)

Name: Seema DeviClass :B.Sc-1st (Sem1)

Subject:Botany

|  |  |
| --- | --- |
| 16 Nov to 21 Nov | General Characteristic of Prokaryotic and Eukaryotic organisms  |
| 23 Nov to 28 Nov | Cell division: Mitosis, Amitosis |
| 30 Nov to 5Dec | Meiosis and significance of process  |
| 7 Dec to 12 Dec | Cell envelope: plasma membrane structure related model |
| 14 Dec to 19 Dec | Functional aspects of plasma membrane  |
| 21 Dec to 26 Dec | Structure of cell wall and role  |
| 28 Dec to 2 jan  | GeneralCharacteristicof carbohydrate ,class test |
| 4 Jan to 9 Jan | Types of carbohydrate and their structure and role  |
| 11 Jan to 16 Jan | Ultrastructure of nucleus and function  |
| 18 Jan to 23 Jan  | Ultrastructure and function of GolgiApparatus and Endoplasmic reticulum |
| 25 Jan to 30 Jan | Ultrastructure and function of mitochondria and chloroplasts  |
| 1 Feb to 6 Feb  | Ultrastructure and function of Ribosomes and lysosome  |
| 8 Feb to 13 Feb | Ultrastructure and function of peroxisomes and vacoule  |
| 15 Feb to 20 Feb | General Characteristic of lipids  |
| 22 Feb to 27 Feb  | Types of lipid and their role |
| 1 March to 6 March | General Characteristic of protein  |
| 8 Mar to 13 March | Types of protein and their role |
| 15 March to 20March | Assignments given related to different topic |
| 22 March to 27 March | Rivision |
| 29 March to 4 April  | Cls test assignments  |

Govt. College for Women,Gohana

Lesson Plan(2020-21)

Name: Seema DeviClass :B.Sc-3rd(Sem5)

Subject:Botany

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| --- | --- |
| 17 Aug to 23 Aug | Plant water relationship, Introduction to chapter  |
| 24 Aug to 29 Aug | Importance of water for plant life,physical properties of water |
| 31 Aug to 5 Sep | Imbibition, diffusion and Osmosis  |
| 7 Sep to 12 Sep | Transpiration and physiology of stomata  |
| 14 Sep to 19Sep | Mineral nutrition Introduction essential and non essential nutrients  |
| 21 Sep to 26 Sep | Role of essential and non essential nutrients and their deficiencies symptoms  |
| 28 Sep to 3 Oct | Online test new topic Introduction photomorphogenesis ,detail description  |
| 5 Oct to 10 Oct | Plant movements,concept of photoperiodism ,Phytochromeandcryptochrome |
| 12 Oct to 17 Oct | Transport of organic substances, mechanism of phloem transport, source and sink relationship  |
| 19 Oct 24 Oct | Seeddormancy,physiologyoffloweringPhysiologyofsenescenceandfruitripening |
| 26 Oct to 31 Oct | Photosynthesis significance and historical aspects  |
| 2 Nov to 7 Nov | Photosynthetic pigments action spectra and enhancement effect concept of photosystem |
| 9 Nov to 14 Nov | Z scheme c3 c4 cycle CAM plants and photo respiration  |
| 16 Nov to 21 Nov | Classtest,assignmentsgivenandIntroductiontonewtopicgrowthanddevelopment |
| 23 Nov to 28 Nov | Auxinhormonediscovery,physiologicalrole |
| 30 Dec to 5 Dec | Gibberellindiscoveryphysiologicalrole,IntroductiontocytokininsPhysiologicalroleofcytokinins, |
| 7 Dec to 12 Dec | ethylenediscoveryandphysiologicalroleAbscissicaciddiscoveryandphysiologicalrole |
| 14 Dec to 19 Dec | Given assignments related to topic  |
| 21 Dec to 26 Dec | Rivision |
| 28 Dec to 2 Jan | Cls test assignments  |