

शासकीय नवीन महाविद्यालय
सालहेवारा

20²³...20²⁴.....

TEACHER'S DIARY

Subject Botany

Name of Teacher Kinara Sharmar

Month July 2023

Subject Botany

Class B.Sc. Ist year

S. NO.	WORK PROPOSED FOR THE MONTH	DATE	WORK DONE DURING THE DAY	REMARK
	Paper - I Unit - II			
	Microbial World: Cell structure of Eukaryotic, and Prokaryotic cells			
	Gram Positive and Gram Negative bacteria, structure of bacterial Growth curve, Factors affecting growth of microbes: sporulation, Reproduction, recombination in bacteria			
	viruses general characteristics, structure of viruses			
		14/07/2023	Joining Day	
		15/07/2023	Introduction in cell, Types of cell Eukaryotic	
		17/07/2023	Hareli Holiday	
		18/07/2023	Prokaryotic cells, Introduction in Bacteria.	
		19/07/2023	Definition, characters of Bacteria	
		20/07/2023	structure of Bacteria	
		21/07/2023	Gram Positive & Gram Negative Bacteria	
		22/07/2023	Bacterial Growth curve	
		24/07/2023	Factors affecting growth microbes	
		25/07/2023	Sporulation & Reproduction	
		26/07/2023	sexual Reproduction in Bacteria Transformation	
		27/07/2023	Transduction & conjugation	
		28/07/2023	Recombination in bacteria	
		31/07/2023	Introduction & General characteristics and structure of viruses.	World Nature Conservation Day Departmental

कुल कार्य दिवस 13 अवकाश 02 सम्पादित कार्य दिवस 13

Kishori
हस्ताक्षर
BOD
Department of Botany
Rani Durgavati Govt. College Solihawa
Dist.-K.C.G.(C.G.)

Aty
प्रभार
ना दुर्गवती शास. महाविद्यालय
साल्हेवारा
जिना-खेरा-मुई-पंडई(म.प्र.)

Month July 2023

Subject Botany

Class B.Sc. IInd year

S. NO. WORK PROPOSED FOR THE MONTH

DATE

Part - II
Unit - I

Introduction and scope of ecology. Environmental and ecological factors, soil formation and soil profile, Liebig's law of minimum, Shelford's law of tolerance, morphological and anatomical adaptations in hydrophytes, xerophytes and epiphytes.

14/07/2023
15/07/2023
17/07/2023
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22/07/2023
24/07/2023
25/07/2023
26/07/2023
27/07/2023
28/07/2023
29/07/2023
31/07/2023

WORK DONE DURING THE DAY

REMARK

Joining Day
Environmental Factor
Hassell Holiday
Ecological Factor
Origin & Formation or Development of soil
Classification of soil
soil profile
Limiting Factors & Law of Tolerance.
Liebig's Law of minimum
Adaptations in Plants - Hydrophytes
Morphological, Anatomical, Physiological Hydrophytes
Morphological, Anatomical, Physiological Xerophytes
Morphological, Anatomical, Physiological epiphytes
Rhinny & Mesophytes plants.
Muhammad Holiday
Unit-Test

World Netox conservation day Departmental

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Silwara
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डि. नीत्य
हस्ताक्षर प्राध्यापक
नी दुर्गावती शास. महाविद्यालय
साहेबाग
जिला-शेरा-पुई-गंडी(ग.प.)

Month July 2023 Subject Botany

Class B.Sc. IIIrd year

S. NO.	WORK PROPOSED FOR THE MONTH	DATE	WORK DONE DURING THE DAY	REMARK
	Unit - III Paper - I			
	General principle of plant pathology, general symptoms of fungal, bacterial and viral disease, mode of infection, disease resistance and control measure, A study of epidemiology and etiology of following plant disease			
		14/07/2023	Joining Day	
		15/07/2023	General Introduction in plant pathology	
		17/07/2023	Hanali Holiday	
		18/07/2023	General Principle of plant pathology	
		19/07/2023	General symptoms of fungal disease	
		20/07/2023	General symptoms of viral disease	
		21/07/2023	General symptoms of bacterial disease	
		22/07/2023	mode of infection	
		24/07/2023	Disease resistance and control measure	
		25/07/2023	A study of epidemiology	
		26/07/2023	A study of etiology	
		27/07/2023	Rust Disease of wheat, Tikka Disease	
		28/07/2023	Red Rot Disease	World Nature Conservation Day
		29/07/2023	Muharram Holiday	Departmental
		31/07/2023	Bacterial Blight of Rice.	

कुल कार्य दिवस 13 अवकाश 02 सम्पादित कार्य दिवस 13

राज्य प्रमुख, राज्य विद्यापीठ, सातारा

Department of Botany
Raj Durgavati Govt. College Satara
Dist. K.C.G.(C.G.)

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Dr. Aty
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राज्य विद्यापीठ, सातारा
जिल्हा - क.क.ग. (क.क.ग.)

Month August 2023

Subject Botany

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	<u>Paper - I Unit - II</u>	01/08/2023
		02/08/2023
		03/08/2023
	Bacteriophage and TMV, Lytic and lysogenic cycle, viroid, Prion & mycoplasma	04/08/2023
	Phytoplasm, actinomycetes and their economic use	05/08/2023
		07/08/2023
	Food Fermentations and Food Produced by microbes, Production of Antibiotics, Enzymes	08/08/2023
	alcoholic beverages, Lactic Acid And Acetic Acid Production	09/08/2023
		10/08/2023
		11/08/2023
		12/08/2023
		14/08/2023
	<u>Paper - II Unit - I</u>	15/08/2023
	Unique Features of archezoates bryophytes	16/08/2023
	General characteristic Features and Affinities adaptations to land habit, Range of thallus organization, classification (upto Family), morphology, anatomy and reproduction of Riccia, Marchantia, Anthoceros	17/08/2023
		18/08/2023
		19/08/2023
		21/08/2023
		22/08/2023
		23/08/2023
		24/08/2023
		25/08/2023
		26/08/2023
		28/08/2023
		29/08/2023
		30/08/2023
		31/08/2023

कुल कार्य दिवस 24 अवकाश 03 सम्पादित कार्य दिवस 24

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Class B.Sc. Ist

WORK DONE DURING THE DAY	REMARK
Bacteriophage structure, characters	
viroids	
Prion	
mycoplasma structure and Reproduction.	
Actinomycetes	
Actinomycetes their Economic Importance -	
Food Fermentations and Food Produced	
<u>Adilwadi Sewas Holiday</u>	
Food Produced by microbes	Plantation / Departmental
Production of Antibiotics	
Production of Antibiotics	
Enzymes, Alcoholic beverages,	
<u>Independence Day</u>	
Lactic Acid and Acetic Acid Production	
Phytoplasm structure & caused disease	
Acetic Acid Production	
<u>Inter Unit test</u>	
Introduction of Bryophytes	
General characteristics of Bryophytes	
Affinities adaptations to land habit,	
Range of thallus organization	
classification	
classification with characters	
Morphology	
Anatomy	
<u>Rakhi Holiday</u>	
Riccia - Habit, Reproduction	

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श्री. दुर्गावती शास्त्री विद्यालय
सातवारा
जिला-सोलापूर - ४३१०३३ (म.प्र.)

Month August 2023

Subject ...

Class B.Sc. IInd

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	<u>Paper - I Unit - I</u>	01/08/2023
	<u>Bentham and Hooker system of classification,</u>	02/08/2023
	<u>Binomial Nomenclature, International code of</u>	03/08/2023
	<u>Nomenclature for Algae, Fungi and plants</u>	04/08/2023
	<u>[IUCN] Typification, Numerical, Taxonomy</u>	05/08/2023
	<u>and chemotaxonomy, Preservation of</u>	07/08/2023
	<u>Plant material and Herbarium techniques,</u>	08/08/2023
	<u>Important botanical gardens and herbaria</u>	09/08/2023
	<u>of India, Kew Botanical garden, England</u>	10/08/2023
		11/08/2023
		12/08/2023
		14/08/2023
	<u>Paper - II</u>	15/08/2023
	<u>Unit - V</u>	16/08/2023
	<u>Plant Growth hormones Auxin, Gibberellin,</u>	17/08/2023
	<u>Cytokinin, Ethylene and Abscissic acid</u>	18/08/2023
	<u>Physiology of Flowering, Florigen concept,</u>	19/08/2023
	<u>Photoperiodism and vernalization,</u>	21/08/2023
	<u>seed dormancy and germination, Plant</u>	22/08/2023
	<u>movement.</u>	23/08/2023
		24/08/2023
		25/08/2023
		26/08/2023
		28/08/2023
		29/08/2023
		30/08/2023
		31/08/2023

WORK DONE DURING THE DAY	REMARK
<u>Bentham & Hooker system of classification,</u>	
<u>Binomial Nomenclature</u>	
<u>International code of Nomenclature for Algae,</u>	
<u>Fungi and Plants [IUCN]</u>	
<u>Typification</u>	
<u>Numerical Taxonomy</u>	
<u>Preservation of plant material</u>	<u>Plantation Department</u>
<u>Herbarium techniques</u>	
<u>Chemotaxonomy of plant material</u>	
<u>Important botanical gardens</u>	
<u>Herbaria of India, Kew Botanical Gardens.</u>	
<u>Independence Day</u>	
<u>Unit Test</u>	
<u>Plant Growth hormones Introduction & Types.</u>	
<u>General Account of Auxin</u>	
<u>General Account of Gibberellin</u>	
<u>Function & Biosynthesis of Gibberellin</u>	
<u>General Account of Ethylene</u>	
<u>Function & Biosynthesis of ethylene</u>	
<u>General Account of Abscissic acid</u>	
<u>Function & Biosynthesis of Abscissic Acid</u>	
<u>General Account of cytokinins</u>	
<u>Function & Biosynthesis of cytokinins.</u>	
<u>Florigen concept</u>	
<u>Rakhi Holiday</u>	
<u>Photoperiodism (Flowering plants)</u>	

कुल कार्य दिवस 24 अवकाश 05 सम्पादित कार्य दिवस 24

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S NO	WORK PROPOSED FOR THE MONTH	DATE
	Paper - II	01/08/2023
	Unit - V	02/08/2023
	Enzyme: Nomenclature and classification	03/08/2023
	Components of enzymes, theories of enzyme action	04/08/2023
	Enzyme kinetics (Michaelis-Menten constant), allosteric enzymes, isozymes	05/08/2023
	Abszymes, Ribozymes Factor affecting enzyme activity	07/08/2023
		08/08/2023
		09/08/2023
		10/08/2023
		11/08/2023
		12/08/2023
		14/08/2023
	Paper - I	15/08/2023
	Unit - V	16/08/2023
	Elementary Biostatistics -	17/08/2023
	Introduction and Application of Biostatistics,	18/08/2023
	Measure of central tendency - Mean,	19/08/2023
	Median mode, Measures of dispersion,	21/08/2023
	standard deviation - , standard error	22/08/2023
		23/08/2023
		24/08/2023
	Paper - II	25/08/2023
	Unit - IV	26/08/2023
	Protein - chemical composition, Primary,	27/08/2023
	secondary and tertiary structure of	28/08/2023
	Protein, Carbohydrates - General Account of	29/08/2023
	monosaccharides, disaccharides and Polysaccharides	30/08/2023
		31/08/2023

कुल कार्य दिवस 24 अवकाश 05 सम्पादित कार्य दिवस 24

WORK DONE DURING THE DAY	REMARK
Introduction of enzyme & definition, components	
Nomenclature & classification	
Theories of enzyme action	
Enzyme kinetics (Michaelis-Menten constant)	
Allosteric; Isoenzyme	
Abszymes, Ribozymes	
Factor affecting of Enzyme-Activity	
<u>Aadiwasahi Awas Holiday</u>	
Unit - Test	Plantation Departmental
Elementary Biostatistics - Introduction	
Application of Biostatistics	
Measure of central tendency - Mean;	
<u>Independance Day</u>	
Median,	
Mode,	
measures of dispersion	
standard deviation - standard error	
Unit-Test	
Protein - Introduction & chemical composition	
Types of Protein - Primary	
secondary & tertiary Protein structure.	
Properties of Protein	
Carbohydrates - Introduction & composition	
monosaccharides their properties	
Disaccharides their properties	
<u>Rakhi Holiday</u>	
Polysaccharides	

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सान्नेवार
जिला-सौरा - जूई - गंडीगा, म.प्र.

Month September 2023

Subject Botany

Class B.Sc. 1st year

S NO	WORK PROPOSED FOR THE MONTH	DATE
	<u>Topic II Unit - I</u>	<u>01/09/2023</u>
		<u>02/09/2023</u>
	<u>Marchantia Anthoceros and Sphagnum</u>	<u>04/09/2023</u>
	<u>(Development detail not to be included)</u>	<u>05/09/2023</u>
	<u>Economic importance of bryophytes</u>	<u>06/09/2023</u>
		<u>07/09/2023</u>
	<u>Topic II Unit - II</u>	<u>08/09/2023</u>
		<u>09/09/2023</u>
	<u>Pteridophyta: General characteristic Feature</u>	<u>11/09/2023</u>
	<u>and affinity, classification (up to Family)</u>	<u>12/09/2023</u>
	<u>with examples: Heterospory and seed</u>	<u>13/09/2023</u>
	<u>Habit, stem evolution, economic importance</u>	<u>14/09/2023</u>
	<u>of pteridophytes Morphology anatomy and life</u>	<u>15/09/2023</u>
	<u>cycle of Psilotum, Lycopodium, Selaginella,</u>	<u>16/09/2023</u>
	<u>Equisetum, Pteris, Marsilea</u>	<u>18/09/2023</u>
		<u>19/09/2023</u>
		<u>20/09/2023</u>
		<u>21/09/2023</u>
		<u>22/09/2023</u>
		<u>23/09/2023</u>
		<u>25/09/2023</u>
		<u>26/09/2023</u>
		<u>27/09/2023</u>
		<u>28/09/2023</u>
		<u>29/09/2023</u>
		<u>30/09/2023</u>

कुल कार्य दिवस 21 अवकाश 05 सम्पादित कार्य दिवस 21

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WORK DONE DURING THE DAY	REMARK
<u>Riccia - Sexual Reproduction & life cycle</u>	
<u>Marchantia - Habit, vegetative Reproduction</u>	
<u>Marchantia - Sexual Reproduction & life cycle</u>	
<u>Teachers Day celebration</u>	
<u>Anthoceros thallus organization, Reproduction</u>	
<u>Jannabhai Holiday</u>	
<u>Anthoceros Reproduction & life cycle</u>	
<u>Sphagnum thallus organization, Reproduction</u>	
<u>Economic Importance of Bryophytes</u>	
<u>Unit - Test</u>	
<u>Pteridophytes - Introduction, General characteristics</u>	
<u>Tata Holiday</u>	
<u>Pteridophytes - Features & affinities</u>	
<u>Pteridophytes - classification</u>	<u>Exone Day Department</u>
<u>Havitalki Tej Holiday</u>	
<u>Ganesh chaturthi Holiday</u>	
<u>Pteridophytes - Heterospory their Importance</u>	
<u>- Seed Habit</u>	
<u>Stem evolution</u>	
<u>stem evolution</u>	
<u>Economic Importance of pteridophytes</u>	<u>Departmental Seminar</u>
<u>Psilotum - Morphology anatomy</u>	
<u>Psilotum - life cycle</u>	
<u>Eid-e-milad - Holiday</u>	
<u>Lycopodium - Morphology anatomy</u>	
<u>Lycopodium - life cycle</u>	

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हस्ताक्षर [Signature]
Principal
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Saihwara
Dist. - K.C.G. (C.G.)

Month September 2023

Subject Botany

Class B.Sc. IInd year

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	Paper - II, Unit - II	01/09/2023
	Vernalization, seed dormancy and germination, Plant movement	02/09/2023
		04/09/2023
		05/09/2023
		06/09/2023
		07/09/2023
	Paper - II, Unit - II	08/09/2023
	systematic position, Distinguishing characters, and economic Importance of the following	09/09/2023
	Family Ranunculaceae, Magnoliaceae, Brassicaceae, Rosaceae, Papaveraceae, Caryophyllaceae, Rubiaceae, Cucurbitaceae, Apocynaceae, Asclepiadaceae, Solanaceae, Malvaceae, Convolvulaceae, Orchidaceae, Acanthaceae, Verbenaceae, Lamiaceae, Asteraceae, Fabaceae, Euphorbiaceae, Poaceae, Liliaceae.	10/09/2023
		11/09/2023
		12/09/2023
		13/09/2023
		14/09/2023
		15/09/2023
		16/09/2023
		18/09/2023
		19/09/2023
		20/09/2023
		21/09/2023
		22/09/2023
		23/09/2023
		25/09/2023
		26/09/2023
		27/09/2023
		28/09/2023
		29/09/2023
		30/09/2023

WORK DONE DURING THE DAY	REMARK
Vernalization Process & Importance	
seed dormancy - Removing methods & Importance	
seed Germination, Types of seed germination	
<u>Teacher's day celebration</u>	
Plant movement - their Importance	
<u>Janmashtami Holiday</u>	
Unit - Test	
Family - Ranunculaceae Distinguishing characters	
Ranunculaceae - Economic Importance	
Magnoliaceae - Family Distinguishing characters	
Economic Importance	
<u>Eid-ul-Fitr Holiday</u>	
Brassicaceae - Family Distinguishing characters	
Economic Importance	
<u>Masulika Tea Holiday</u>	
<u>Ganesh Chaturthi Holiday</u>	
Rosaceae - Family Distinguishing characters	
Economic Importance	
Papaveraceae family Distinguishing characters	
Economic Importance	
Caryophyllaceae Family their Importance	
Rubiaceae Family Distinguishing characters	
Rubiaceae Economic Importance	
<u>Eid-e-milad - Holiday</u>	
Cucurbitaceae Family Distinguishing characters	
Economic Importance	

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Month September 2023

Subject Botany

Class B.Sc. IIIrd

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		01/09/2023
		02/09/2023
	<u>Paper - I, Unit - II</u>	04/09/2023
	Plant tissue culture techniques, Growth media, totipotency, Protoplast culture, somatic hybrids and cybrids, micropropagation	05/09/2023
	somaclonal variations, Haploid culture, Analytical techniques, microscopy - light microscope, electron microscope.	06/09/2023
		07/09/2023
	<u>Paper - II, Unit - II</u>	08/09/2023
	Nucleic acids, structure and forms of DNA and RNA, DNA/RNA as genetic material, replication, mechanism of transcription & Translation in prokaryotes, regulation of gene expression, operon model.	09/09/2023
		11/09/2023
		12/09/2023
		13/09/2023
		14/09/2023
		15/09/2023
		16/09/2023
		18/09/2023
		19/09/2023
		20/09/2023
		21/09/2023
		22/09/2023
		23/09/2023
		25/09/2023
		26/09/2023
		27/09/2023
		28/09/2023
		29/09/2023
		30/09/2023

WORK DONE DURING THE DAY	REMARK
Plant Tissue culture Techniques - Introduction Growth media / medium	
Totipotency - Process, Significance	
Teacher's Day celebration	
Totipotency - factor affecting	
Tarwanthami Holiday	
Protoplast culture	
somatic hybrids & cybrids	Departmental Seminar
micropropagation	
somaclonal variations	
Haploid culture	
Fold Holiday	
somatic cybrids	
-Analytical variations Techniques	Osme Day Department
Hartalika Teej Holiday	
Ganesh chaturthi Holiday	
light microscope	
electron microscope	
Unit Test	
Nucleic Acids their Introduction & Type - DNA structure & forms	
DNA Properties & Function	
DNA Replication	
Eid - e - milad Holiday	
RNA structure & forms	
RNA Properties & Functions	

कुल कार्य दिवस 21 अवकाश 05 सम्पादित कार्य दिवस 21

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Month October 2023

Subject Botany

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	<u>Paper-II, Unit-II</u>	<u>02/10/2023</u>
		<u>03/10/2023</u>
	<u>Platidophyta - Selaginella, Equisetum.</u>	<u>04/10/2023</u>
		<u>05/10/2023</u>
	<u>Plant, marcellia</u>	<u>06/10/2023</u>
		<u>07/10/2023</u>
	<u>Unit - III, Paper-I</u>	<u>09/10/2023</u>
		<u>10/10/2023</u>
	<u>Phylogeny - General characteristic Features, classification & range of thallus organization, classification & life cycle of Volvox, Oedogonium, Chara, Vaucheria.</u>	<u>11/10/2023</u>
		<u>12/10/2023</u>
	<u>Ectocarpus & Polysiphonia, Economic Importance of algae - Role of algae in soil fertility, algae as biofertilizer.</u>	<u>13/10/2023</u>
		<u>14/10/2023</u>
	<u>Blue green - algae & Nitrogen economy of soil, algae as biofuel</u>	<u>16/10/2023</u>
		<u>17/10/2023</u>
		<u>18/10/2023</u>
		<u>19/10/2023</u>
		<u>20/10/2023</u>
		<u>21/10/2023</u>
		<u>22/10/2023</u>
		<u>23/10/2023</u>
		<u>24/10/2023</u>
		<u>25/10/2023</u>
		<u>26/10/2023</u>
		<u>27/10/2023</u>
		<u>28/10/2023</u>
		<u>30/10/2023</u>
		<u>31/10/2023</u>

Class B.Sc. 1st year

WORK DONE DURING THE DAY	REMARK
<u>Gandhi Jayanti Holiday</u>	
<u>Selaginella morphology & anatomy</u>	
<u>Selaginella life cycle, Azygospore</u>	
<u>Equisetum morphology & anatomy</u>	
<u>Plant morphology & anatomy</u>	
<u>Plant life cycle, Azygospore</u>	
<u>marcellia morphology & anatomy.</u>	
<u>Unit - Test</u>	
<u>General characteristics of Algae</u>	
<u>Features, classification of Algae</u>	
<u>Range of thallus organization</u>	
<u>Range of thallus organization</u>	
<u>Classification in algae</u>	
<u>life cycle of volvox.</u>	
<u>Reproduction in volvox</u>	
<u>Reproduction in Oedogonium</u>	
<u>life cycle of Oedogonium.</u>	
<u>Thallus & Reproduction of Chara</u>	
<u>24/10/2023 Mahanavami Holiday</u>	
<u>25/10/2023 Dussehra Holiday</u>	
<u>26/10/2023 Holiday</u>	
<u>Reproduction & life cycle of Chara</u>	
<u>Thallus & Reproduction in Vaucheria</u>	
<u>life cycle of Vaucheria</u>	
<u>Ectocarpus Thallus & Reproduction</u>	
<u>life cycle of Ectocarpus</u>	

कुल कार्य दिवस अवकाश 04 सम्पादित कार्य दिवस 22

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Month

October 2023

Subject

Botany

DATE

S. NO

WORK PROPOSED FOR THE MONTH

02/10/2023

Thema I. Unit - II
 Systematic position, distinguishing characters and economic importance of the following Family - Apiaceae, Rubiaceae, Apocynaceae, Anilnaceae, Solanaceae, Malvaceae, Compositaceae, Orchidaceae, Acanthaceae, Menispermaceae, Lemnaceae, Asteraceae, Fabaceae, Euphorbiaceae, Poaceae, Liliaceae.

03/10/2023

04/10/2023

05/10/2023

06/10/2023

07/10/2023

08/10/2023

09/10/2023

10/10/2023

11/10/2023

12/10/2023

13/10/2023

14/10/2023

15/10/2023

16/10/2023

17/10/2023

18/10/2023

19/10/2023

20/10/2023

21/10/2023

22/10/2023

23/10/2023

24/10/2023

25/10/2023

26/10/2023

27/10/2023

28/10/2023

29/10/2023

30/10/2023

31/10/2023

Class

B.Sc. IInd year

WORK DONE DURING THE DAY

REMARK

Gandhi Jayanti Holiday

Distinguishing characters of Family Apiaceae

Economic Importance Apiaceae

Distinguishing characters of Family Rubiaceae

Economic Importance of Rubiaceae

Distinguishing characters of Family Apocynaceae

Economic Importance of Family Apocynaceae

Distinguishing characters & Importance of Anilnaceae

Distinguishing characters of Solanaceae Family

Economic Importance of Solanaceae family

Distinguishing characters of Malvaceae

Economic Importance of Solanaceae

Distinguishing characters of Compositaceae

Economic Importance of Compositaceae

Distinguishing characters of Orchidaceae

Economic Importance of Orchidaceae

Distinguishing characters of Acanthaceae

Economic Importance of Acanthaceae

Mahavir Jayanti Holiday

Musekhani Holiday

24th Oct Holiday

Distinguishing characters of Verbeaceae

Economic Importance of Verbeaceae

Distinguishing characters & Economic Importance Lemnaceae

Distinguishing characters & Economic Importance Asteraceae

Distinguishing characters & Economic Importance Fabaceae

कुल कार्य दिवस 22 अवकाश 04 सम्पादित कार्य दिवस 22



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Month

October 2023

Botany

DATE

S NO

WORK PROPOSED FOR THE MONTH

Paper - II, Unit - II

DNA/RNA as genetic material replication of DNA, biochemical and molecular basis of mutation, genetic code and its properties mechanism of transcription & translation in prokaryotes, regulation of gene expression, operon model

Paper - II, Unit - III

Recombinant DNA, Enzymes in recombinant DNA technology, cloning vectors (plasmid, Bacteriophages, cosmids, Phagemids), gene cloning, PCR, Application of Biotechnology, G.M. Plants, monoclonal antibodies, DNA fingerprinting

02/10/2023
03/10/2023
04/10/2023
05/10/2023
06/10/2023
07/10/2023
09/10/2023
10/10/2023
11/10/2023
12/10/2023
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16/10/2023
17/10/2023
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21/10/2023
23/10/2023
24/10/2023
25/10/2023
26/10/2023
27/10/2023
28/10/2023
30/10/2023
31/10/2023

Class

II Sc IIIrd year

WORK DONE DURING THE DAY

REMARK

Gandhi Jayanti Holiday

DNA/RNA - As a genetic material
Experimental proof of genetic material.
RNA structure & function. (Revise)
Biochemical & molecular basis of mutation
Types of mutation
Types of mutation & importance
Points
Types of mutagens & significance of mutagens
Genetic code
Genetic code & its properties
Mechanism of transcription
Significance of transcription
Translation in prokaryotes
Significance of Rib. Translation
Regulation of gene expression
Process of gene expression
Process of gene expression
Operon model
Mahavami Holiday
Sussehra Holiday
Holiday

Unit - Test

Recombinant DNA Technology synthesis intro
Enzymes & Requirements of DNA Recombinant
Cloning Vectors Plasmids, Cosmids, Phagemids
Gene cloning & PCR

कुल कार्य दिवस 82 अवकाश 04 सम्पादित कार्य दिवस 82

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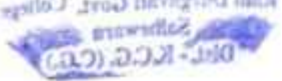
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S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	<u>Topic - I, Unit - II</u>	<u>01/11/2023</u>
		<u>02/11/2023</u>
	<u>Thallophyta Economic Importance of algae</u>	<u>03/11/2023</u>
	<u>Role as biofertilizer Blue-green algae</u>	<u>04/11/2023</u>
	<u>& Nitrogen economy of soil algae as a</u>	<u>06/11/2023</u>
	<u>biofuel</u>	<u>07/11/2023</u>
		<u>08/11/2023</u>
		<u>09/11/2023</u>
	<u>Topic - I, Unit - IV</u>	<u>10/11/2023</u>
		<u>11/11/2023</u>
	<u>Mycology: Mushroom cultivation, lichenology &</u>	<u>12/11/2023</u>
	<u>mycoschiza: General characteristics Features</u>	<u>13/11/2023</u>
	<u>Economic importance and classification of</u>	<u>14/11/2023</u>
	<u>Fungi Distinguishing characters of Myxomycota</u>	<u>15/11/2023</u>
	<u>General characters of mastigomycota.</u>	<u>15/11/2023</u>
	<u>Phytophthora & Albugo, Zygomycota Rhizopus</u>	<u>16/11/2023</u>
	<u>& Mucor, Ascomycota, Aspergillus, Penicillium,</u>	<u>17/11/2023</u>
	<u>Perizoa, Basidiomycota, Ustilago, Puccinia,</u>	<u>18/11/2023</u>
	<u>Agaricus, Deuteromycota, Coleotrichum,</u>	<u>20/11/2023</u>
	<u>Truncaria, Alternaria, Heterothallium,</u>	<u>21/11/2023</u>
	<u>Physiological specialisation, Heterokaryosis &</u>	<u>22/11/2023</u>
	<u>Food quality, mushroom cultivation Button</u>	<u>23/11/2023</u>
	<u>Dryas mushroom, General account of</u>	<u>24/11/2023</u>
	<u>Lichens, reproduction & significance, Mycoschiza</u>	<u>25/11/2023</u>
	<u>ectomycoschiza & endomycoschiza & their</u>	<u>27/11/2023</u>
	<u>significance</u>	<u>28/11/2023</u>
		<u>29/11/2023</u>
		<u>30/11/2023</u>

WORK DONE DURING THE DAY	REMARK
<u>C.G. state foundation Holiday</u>	
<u>Thallophyta thallo. Reproduction, asexual</u>	
<u>Thallophyta life cycle</u>	
<u>Economic Importance of algae</u>	
<u>Role as biofertilizer</u>	
<u>Election Holiday</u>	
<u>Blue-green algae all detail</u>	
<u>Nitrogen Economy of soil</u>	
<u>Diwali Holiday</u>	
<u>Diwali Holiday</u>	
<u>Diwali Holiday</u>	
<u>Diwali Holiday</u>	
<u>algae as a biofuel</u>	
<u>Unit - Test</u>	
<u>Mushroom cultivation</u>	
<u>Lichens - Types & structure</u>	
<u>Lichens - Reproduction and Economic Importance</u>	
<u>mycoschiza - General characteristics</u>	
<u>Types & Imp of mycoschiza</u>	
<u>Economic importance of fungi</u>	
<u>classification of Fungi</u>	
<u>Distinguishing characters of myxomycota</u>	
<u>Guru Nanak Jayanti Holiday</u>	
<u>characters reproduction in myxomycota</u>	
<u>Phytophthora structures & Reproduction</u>	
<u>Albugo structure & Reproduction</u>	
<u>Zygomycota structure & Reproduction</u>	

कुल कार्य दिवस 19 अवकाश 08 सम्पादित कार्य दिवस 19



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Month November 2023

Subject Botany

DATE

S NO.

WORK PROPOSED FOR THE MONTH

01/11/2023

Topic - I. Unit - II

02/11/2023

Euphorbiaceae, Poaceae, Liliaceae

03/11/2023

04/11/2023

06/11/2023

Topic - II. Unit - II

01/11/2023

Population & community characteristics, Revolutions & life forms, population interaction (e.g. symbiosis, amensalism etc.)

08/11/2023

Succession, Ecotone and edge effect.

09/11/2023

Ecological niches, Ecotype and keystone species

10/11/2023

11/11/2023

12/11/2023

13/11/2023

14/11/2023

15/11/2023

16/11/2023

17/11/2023

18/11/2023

20/11/2023

21/11/2023

22/11/2023

23/11/2023

24/11/2023

25/11/2023

27/11/2023

28/11/2023

29/11/2023

30/11/2023

Class B.Sc. IInd

WORK DONE DURING THE DAY

REMARK

C.G. state Foundation Holiday

Euphorbiaceae Distinguishing characters & Economic Imp

Poaceae Distinguishing characters & Economic Importance.

Liliaceae Distinguishing characters & Economic Importance.

Unit - Test

Election Holiday

Introduction to Ecology

Population & their significant examples

Diwali Holiday

community & their characters

Revolutions & life forms

Population Interaction their Types

Positive Interaction

Negative Interaction & their effects on ecology

Succession Introduction, & Types

stages of succession

Ecotone

edge effects

Ecological niches

Guru Nanak Jayanti Holiday

Ecotype Ecade

Keystone species

Unit - Test

कुल कार्य दिवस 19 अवकाश 08 सम्पादित कार्य दिवस 19

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Month December 2023

Subject Botany

Class B.Sc. 1st year

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	Unit - III, Topic - I	01/12/2023
	Thallophytes, Economic Importance of algae	02/12/2023
	Role of Algae in soil Fertility, algae	04/12/2023
	as biofertilizers, Blue-green Algae	05/12/2023
	Nitrogen Economy of soil, Algae as	06/12/2023
	biofuel	07/12/2023
		08/12/2023
		09/12/2023
	Topic - I, Unit - IV	11/12/2023
	Trichopus & mucor Ascomycota ascomycetes	12/12/2023
	Penicillium, Trichopus Basidiomycota, Ustilago	13/12/2023
	Puccinia, Lycium, Glomerulomycetes, Colletotrichum	14/12/2023
	Fusarium, Alternaria, Heterothelium, Physiological	15/12/2023
	specialisation, Heterokaryon & Parasexuality	16/12/2023
	mushroom cultivation - Button & Oyster	18/12/2023
	mushroom, General account of lichens	19/12/2023
	Reproduction & significances, Zygomycetes	20/12/2023
	Edentomycetozoa & Endomycetozoa &	21/12/2023
	their significance	22/12/2023
		23/12/2023
		25/12/2023
		26/12/2023
		27/12/2023
		28/12/2023
		29/12/2023
		30/12/2023

WORK DONE DURING THE DAY	REMARK
Thallus & Reproduction in Thallophytes	AIDS Day Competition
Life cycle of Thallophytes	
Economic Importance of Algae	
Role of Algae in soil Fertility	
-Algae as biofertilizer, Blue green Algae	
Blue-green Algae Rhizopus thallus	
Rhizopus Reproduction	
Mucor thallus & Reproduction	
-Ascomycota characters with Reproduction	
Saccharomyces characters & vegetative Re.	
Noccheromyces Reproduction	
Penicillium characters & Reproduction	
Trichopus characters & Reproduction	
Basidiomycota characters & Reproduction	
Guru Gaddas Jayanti Holiday	
Ustilago characters & Reproduction	
Puccinia characters vegetative structure	
Puccinia spores & Life cycle Reproduction	
Agaricus characters & Reproduction	
Glomerulomycota characters & Reproduction	
{ Christmas day Holiday	
{ Winter - Holiday	
{ Winter - Holiday	
Colletotrichum & structure & Reproduction	
Fusarium structure & Reproduction, life cycle.	
Alternaria structure & Reproduction life cycle.	

कुल कार्य दिवस 22 अथकास 04 सम्पादित कार्य दिवस 22

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Month December 2023 Subject Botany

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	Part-I, Unit-II	01/12/2023
	Euphorbiaceae, Troaceae, Liliaceae	02/12/2023
		04/12/2023
	Unit-II Part-II	05/12/2023
		06/12/2023
	concept of ecosystem, Trophic levels, Flow of energy in ecosystem, Food chain & Food web; concept of ecological pyramids.	07/12/2023
		08/12/2023
		09/12/2023
	Biogeochemical cycle: carbon cycle, N ₂ cycle, & phosphorus cycle.	11/12/2023
		12/09/2023
		13/12/2023
		14/12/2023
		15/12/2023
	Part-I	16/12/2023
	Unit-IV	18/12/2023
		19/12/2023
	Plant Anatomy: Root & shoot apical meristem theories of root & shoot apex organization permanent tissue - anatomy of root	20/12/2023
		21/12/2023
		22/12/2023
		23/12/2023
		24/12/2023
		25/12/2023
		26/12/2023
		27/12/2023
		28/12/2023
		29/12/2023
		30/12/2023

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Class B.Sc. IInd year

WORK DONE DURING THE DAY	REMARK
Distinguishing characters of Family Euphorbiaceae	AIDS Day competition
Economic Importance of Euphorbiaceae.	
Distinguishing characters of Family Troaceae	
Economic Importance of Troaceae	
Distinguishing characters & importances of Fa Liliaceae	
concept of ecosystem, Types, component	
Trophic level	
Flow of Energy in ecosystem	
Food chain & its significances	
Food web & its significances	
concept of ecological pyramids & it imp.	
Biogeochemical cycle. - carbon cycle.	
N ₂ cycle.	
Phosphorus cycle.	
Guru Gauda Jayanti Holiday	
Unit - Text	
Meristematic tissue & Types of Tissue.	
Root & Shoot Apical meristem.	
Root Apical meristem Theories	
shoot apex organization.	
{ Christmas Holiday	
{ Winter Holiday	
{ Winter Holiday	
shoot apex organization	
Permanent Tissue	
- Anatomy of Root	

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Month December 2023

Subject Botany

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	<u>Paper-II Unit - I</u>	01/12/2023
		02/12/2023
		04/12/2023
	<u>Application of biotechnology</u>	05/12/2023
		06/12/2023
	<u>Cell & cell organelles, organisation & morphology of chromosome, giant chromosome, cell division, Mendel's Law, gene interaction, linkage and crossing over, chromosomal aberration, polyploidy sex linked inheritance sex determination, cytoplasmic inheritance, gene concept, cistron mutation</u>	07/12/2023
		08/12/2023
		09/12/2023
		11/12/2023
		12/12/2023
		13/12/2023
		14/12/2023
		15/12/2023
		16/12/2023
		18/12/2023
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		22/12/2023
		23/12/2023
		25/12/2023
		26/12/2023
		27/12/2023
		28/12/2023
		29/12/2023
		30/12/2023

कुल कार्य दिवस 22 अवकाश 04 सम्पादित कार्य दिवस 22

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Class B.Sc. IIIrd year

WORK DONE DURING THE DAY	REMARK
chloroplast Their introduction & its structure chloroplast functions	<u>AIDS Day Competition</u>
Ribosomes Their introduction & its type structure Functions of Ribosomes	
Peroxisome Introduction & Functions	
Lysosomes Introduction & structure Functions of lysosomes	
Chromosome Introduction	
Structural component of chromosome	
Types of chromosome	
Giant chromosome	
cell division - mitosis	
meiosis	
Linkage	
<u>Gandhi Jayanti Holiday</u>	
Linkage significance & factors affecting	
Crossing over	
Crossing over	
chromosomal Aberration	
chromosomal Aberration	
<u>Christmas Holiday</u>	
<u>Winter Holiday</u>	
<u>Winter Holiday</u>	
Polyploidy	
Sex determination	
Gene concept	

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Month

January 2024

Subject Botany

DATE

S. NO.

WORK PROPOSED FOR THE MONTH

Paper - I
Unit - IV

Physiology - Heterothallism, Physiological specialisation, Heterokaryosis & Parasexuality, Mushroom cultivation - Butter & Oyster mushroom General Account of Lichens, reproduction & significance, Mycorrhizae, Endomycorrhiza & Endomycorrhiza & their significance

Paper - II
Unit - V

Angiosperm morphology (stem, roots, leaves, flowers & inflorescence) - Morphology & modification of root, stem, leaf & bud, types of inflorescences, flowers, flower parts, fruits & types of placentation; Definition and types of seeds

01/01/2024
02/01/2024
03/01/2024
04/01/2024
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24/01/2024
25/01/2024
26/01/2024
27/01/24
29/01/2024
30/01/2024
31/01/2024

Class B.Sc Ist year

WORK DONE DURING THE DAY

REMARK

Heterothallism introduction & many examples
Mucor Heterothallism
Physiological Specialisation
Heterokaryosis
Parasexuality
Mushroom cultivation
Butter & Oyster mushroom
Lichens introduction & types
Reproduction in Lichens
Mycorrhiza introduction & features
Types of mycorrhiza
mycorrhiza their significance
Unit - Test
Introduction of Angiospermic plants
- Angiospermic plants their morphology ^{Roots} stem
Angiospermic plants their stem
modification of roots & stem
Leaf morphology their modification
Bud modification
Types of inflorescences
Purnima holiday
Republic Day
Fruits Absent
Types of Placentation
Types of Activation
Definition & types of seeds

कुल कार्य दिवस 23 अणकाश 08 सम्पादित कार्य दिवस 23

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WORK PROPOSED FOR THE MONTH

DATE

Paper-I
Unit-IV

Plant-anatomy - Root Anatomy, stem & leaf
of dicot & monocot, secondary growth
in root & stem, Anatomical
in the primary structure of stem
(Nyctanthes, Boerhaavia, Casuarina)
Anomalous secondary growth in Amaranth
Bignonia, Laptadenia

Paper-II
Unit-4

Photosynthesis - Photosynthesis apparatus
& Pigments, light Reaction mechanism of
ATP synthesis, C₃, C₄, CAM pathway of
Carbon reduction, Photorespiration,
Factors affecting photosynthesis.

01/01/2024
02/01/2024
03/01/2024
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17/01/2024
18/01/2024
19/01/2024
20/01/2024
23/01/2024
24/01/2024
25/01/2024
26/01/2024
27/01/24
29/01/2024
30/01/2024
31/01/2024

WORK DONE DURING THE DAY

REMARK

Root Apex organization theories
dicot stem Anatomy
dicot Root-Anatomy
Monocot stem-Anatomy
Monocot root-Anatomy
Secondary growth in roots
short Apex organization theories
Anatomical Anatomical in Primary structure
of stem
Nyctanthes,
Boerhaavia
Casuarina
Anomalous secondary growth in Amaranth
Anomalous secondary growth
Anomalous secondary growth Bignonia
Anomalous secondary growth Laptadenia
Anomalous secondary growth Laptadenia
Unit-Test
Photosynthesis - Introduction & Green Plants
Photosynthesis Apparatus
Purnima Holiday
Republic Day
Absent
Light Reaction
ATP synthesis
C₃ cycle

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	Paper - II	01/01/2024
	Unit - I	02/01/2024
	Sex linked inheritance, cytoplasmic inheritance, gene concept - cistron	03/01/2024
	muton, Recomb.	04/01/2024
		05/01/2024
		06/01/2024
		08/01/2024
	Unit - II	09/01/2024
		10/01/2024
	General part Introduction to pollution, green house gases, ozone depletion, Dissolve oxygen, B.O.D, COD	11/01/2024
	Bio magnification, Eutrophication, Acid precipitation, Phyto remediation, Plant Indicators	12/01/2024
		13/01/2024
		15/01/2024
		16/01/2024
		17/01/2024
		18/01/2024
		19/01/2024
		20/01/2024
		23/01/2024
		24/01/2024
		25/01/2024
		26/01/2024
		27/01/24
		29/01/2024
		30/01/2024
		31/01/2024

WORK DONE DURING THE DAY	REMARK
Gene - Concept, cistron	
muton & Recomb	
sex linked inheritance.	
Sex linked inheritance.	
Cytoplasmic inheritance	
Cytoplasmic inheritance.	
Cytoplasmic inheritance	
Gene concept	
Introduction to pollution	
Green House gases	
Significance of Green House gases	
Ozone depletion.	
Dissolve oxygen	
BOD	
BOD	
COD	
COD	
Bio-magnification	
Eutrophication	
Acid Precipitation	
Purnima Holiday	
Republic Day	
Absent	
Plant Indicators	
Plant Indicators	
Unit Test	

Month February 2024

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		01/02/2024
		02/02/2024
		03/02/2024
	<u>Paper - II</u>	05/02/2024
	<u>Unit - IV</u>	06/02/2024
	<u>Palaeobotany: General account Geological time scale, Botany account of process of fossilization & types of fossils and their study. Techniques, fossil plants. Pl. Rhynia, williamsonia, Cycadeoidea. Contribution of Prof. Birbal Sahni</u>	07/02/2024
		09/02/2024
		09/02/2024
		10/02/2024
		12/02/2024
		13/02/2024
		14/02/2024
	<u>Paper - I. Unit - 5</u>	15/02/2024
	<u>Plant Pathology - Disease concept, symptoms, etiology, Primary and infection & predisposing factors. Disease recurrence, Defence mechanism: physical and biochemical, Disease Resistance, systemic Fungicides, Organomercurials & sulphur containing Fungicides</u>	16/02/2024
		17/02/2024
		19/02/2024
		20/02/2024
		21/02/2024
		22/02/2024
		23/02/2024
		24/02/2024
		26/02/2024
		27/02/2024
		28/02/2024
		29/02/2024

कुल कार्य दिवस 25 अवकाश 04 सम्पादित कार्य दिवस 25

Class B.Sc Ist year

WORK DONE DURING THE DAY	REMARK
<u>Introduction in Palaeobotany</u>	
<u>General Account</u>	
<u>Geological time scale</u>	
<u>Geological time scale</u>	
<u>Introduction & Types of Fossilization</u>	
<u>Types of Fossilization</u>	
<u>Importance of Fossil</u>	
<u>Plant Rhynia Explanation</u>	
<u>williamsonia Botany Practical Exam</u>	
<u>cycadeoidea Morphology & anatomy structure</u>	
<u>cycadeoidea Reproductive structure</u>	
<u>Unit - Test</u>	
<u>Plant Pathology - Introduction</u>	
<u>Disease concept, symptoms Etiology</u>	
<u>Primary and infection</u>	
<u>Predisposing factors</u>	
<u>Disease Recurrence Defence mechanism</u>	
<u>Physical Disease Resistance</u>	
<u>Biochemical Disease Resistance</u>	
<u>Systemic Fungicides</u>	
<u>Organomercurials</u>	
<u>Organomercurial</u>	
<u>sulphur containing</u>	
<u>Fungicides</u>	
<u>Fungicides</u>	

HOD
 हस्तक्षेपकर्ता of Botany
 Rani Durgavati Govt. College Salhewara
 Dist. - K.C.G. (C.G.)

Principal
 Rani Durgavati Govt. College
 Salhewara
 Dist. - K.C.G. (C.G.)

NO.	WORK PROPOSED FOR THE MONTH	DATE
		01/02/2024
		02/02/2024
	<u>Topic II</u>	03/02/2024
	<u>Unit - II</u>	05/02/2024
		06/02/2024
	Photosynthesis - C ₄ CAM pathway of carbon reduction, photorespiration, factors affecting photosynthesis	07/02/2024
		08/02/2024
	Respiration: Aerobic and Anaerobic respiration, Glycolysis, Krebs cycle factor affecting respiration R.O.	09/02/2024
		10/02/2024
	<u>Topic - I, Unit - III</u>	11/02/2024
		12/02/2024
	Economic Botany - Botanical name, family, part used of the following economically imp plants. Fibres yielding plants cotton, jute, sun, hemp, cork. Timber yielding plants, sal, Teak, shisham & pine medical plants. Kalmegh, Ashwagandha, Ghritkumari, Giloy, Brahmi, sangandha of medicinal plants of C.G. Food plants, Pearl millet, Buck of wheat, sorghum, soyabean, gram, Ground nut, sugarcane & potato, Fruit plants, Pear, Peach, Litchi, spices cinnamen, Turmeric, Ginger, Asafetida and cumin, Beverages, Tea, coffee Rubber.	13/02/2024
		14/02/2024
		15/02/2024
		16/02/2024
		17/02/2024
		19/02/2024
		20/02/2024
		21/02/2024
		22/02/2024
		23/02/2024
		24/02/2024
		26/02/2024
		27/02/2024
		28/02/2024
		29/02/2024

ल कार्य दिवस 25 अवकाश 04 सम्पादित कार्य दिवस 25

WORK DONE DURING THE DAY	REMARK
C ₄ CAM pathway	
C ₄ CAM pathway of carbon reduction	
Photorespiration	
Factor affecting of photosynthesis	
Respiration - Aerobic	
Respiration - Anaerobic	
Glycolysis	
Glycolysis	
Krebs cycle	
Unit Test Botany Practical Exam	
Economic Imp. Plants	
Fibres yielding plants - cotton, jute, sun, Hemp, cork. Timber yielding plants sal, Teak, shisham	
Pine medical plants	
Kalmegh, Ashwagandha, Ghritkumari, Giloy, Brahmi, sangandha of medicinal plants of C.G. Food plants	
Pearl millet, Buck of wheat, sorghum, soyabean, Gram, Ground nut, sugarcane	
Potato, Fruit plants, Pear	
Pear, Peach, Litchi, spices	
Cinnamen, Turmeric, Ginger	
Asafetida, Cumin & Beverages	
Tea, Coffee & Rubber	

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Principal
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Salhewara
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Month February 2024

Subject B.S.S. I, II, III Practice

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	Ecology - Practical	01/02/2024
	Instrumentation	02/02/2024
	Instrumentation	03/02/2024
	Plant Pathology Specimen	04/02/2024
	Plant Pathology Specimen	06/02/2024
	Anatomy & physiology of hydrophytes	07/02/2024
	Anatomy & physiology of xerophytes	08/02/2024
	Instrumentation study	09/02/2024
	Instrumentation study	10/02/2024
	Botany Practical Exam	12/02/2024
	Extra Revision class	13/02/2024
	Extra Revision class	14/02/2024
	Extra Revision class	15/02/2024
	Extra Revision class	16/02/2024
	Extra Revision class	17/02/2024
	Extra Revision class	19/02/2024
	Extra Revision class	20/02/2024
	Extra Revision class	21/02/2024
	Extra Revision class	22/02/2024
	Extra class	23/02/2024
	Extra class	24/02/2024
	Extra class	26/02/2024
	Extra class	27/02/2024
	Extra class	28/02/2024
	Extra class	29/02/2024

कुल कार्य दिवस 25 अवकाश 04 सम्पादित कार्य दिवस 25

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Salhewara
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शासकीय नवीन महाविद्यालय
साल्हेवारा

20²³-20²⁴.....

TEACHER'S DIARY

Subject PHYSICS

Name of Teacher Arvind Kumar Bhediya

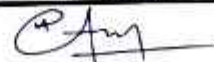
Month August - 2023 Subject physics

Class Bsc 1st year

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	Paper - I	01.08.23
	unit - 1	02.08.23
	Vector algebra	03.08.23
	Derivatives of a vector with respect to parameter	04.08.23
	scalar and vector product of 2,3,4 vectors	05.08.23
	Gradient, div, curl of vector field	07.08.23
	Polar and Axial vectors.	08.08.23
		09.08.23
		10.08.23
	Paper - II	11.08.23
	unit - I	12.08.23
	vector Integration line, surface & volume integral	14.08.23
	of vector field	15.08.23
	Gauss divergence theorem	16.08.23
	stock's theorem of vectors	17.08.23
	Its Application in electrostatics & magnetostatics	18.08.23
	(unit Test - 01)	19.08.23
		21.08.23
		22.08.23
		23.08.23
		24.08.23
		25.08.23
		26.08.23
		28.08.23
		29.08.23
		30.08.23
		31.08.23

कुल कार्य दिवस 27 अवकाश 03 सम्पादित कार्य दिवस 24

WORK DONE DURING THE DAY	REMARK
sweep meeting khairagad	
SDM sweep meeting chhuikhadan	
meeting khairagad (मेड सुलाडत)	
सुखवर्गी मेड सुलाडत कार्यक्रम (जयती स्ट्रेडिम)	
line integrals and application	
Surface integrals and its application	
Volume integrals and its application	
आठवाली दिवस	
Gauss-divergence-theorem	
Gauss-divergence-theorem	
stock-theorem	
Numerical practice gauss divergence theorem	
दहावाली दिवस	
Numerical practice Stock theorem	
vector algebra and its Law	
product of two vector (scalar & vector)	
product of three vector	
product of four vector	
Gradient of vector	
Gradient of vector and example	
divergence of vector	
div of vector and example	
curl of vector	
curl of vector and example	
polar and Axial vector	
रक्षा निपन	
Axial vectors	


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हस्ताक्षर विद्यार्थी

Month Agst - 2023

Subject Physics

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	Paper - I	01.08.23
	Unit - I	02.08.23
	Law of thermodynamic 1st, 2nd, 3rd, 0th	03.08.23
	Internal Energy	04.08.23
	reversible and irreversible change	05.08.23
	canot cycle	07.08.23
	carnot theorem	08.08.23
	Entropy	09.08.23
	ST diagram	10.08.23
	Thermodynamic scale of temperature	11.08.23
	concept of negative temperature.	12.08.23
	(Internal Unit Test - I)	14.08.23
		15.08.23
		16.08.23
	Paper - II	17.08.23
	unit - I	18.08.23
	wave in media	19.08.23
	Speed of transverse waves on uniform string	21.08.23
	Speed of longitudinal wave in a fluid	22.08.23
	Energy density and Energy transmission	23.08.23
	Gravity wave and ripple	24.08.23
	Group velocity and phase velocity	25.08.23
		26.08.23
		28.08.23
		29.08.23
		30.08.23
		31.08.23

Class Bsc-II

WORK DONE DURING THE DAY	REMARK
sweep meeting khairagad	
Sweep Meeting Chhukhadan	
Meeting khairagad (लेट मुलाडिट)	
मुख्यमंत्री लेट मुलाडिट आयोजन (जयंती स्टेडियम)	
Zero and 1st Law of thermodynamics	
Internal energy as a state function	
Reversible and Irreversible change	
आडिवली दिवस	
Carnot cycle	
Carnot cycle	
Carnot theorem	
Second Law of thermodynamics	
स्वतंत्रता दिवस	
change of Entropy ideal Gas	
Entropy	
Entropy of ideal Gas	
ST diagram	
The thermodynamic scale of temperature	
Third Law of thermodynamic	
Concept of Negative temperature	
Basic Introduction of wave	
speed of transverse wave on uniform string	
speed of longitudinal wave in fluid	
Energy density and wave	
Gravity wave and ripple	
आ वंदन	
Group velocity and phase velocity	

कुल कार्य दिवस 27 अवकाश 03 सम्पादित कार्य दिवस 24


हस्ताक्षर प्राध्यापक


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Month August - 2022

Subject PHYSICS

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	Paper - I	01.08.23
	Unit - 1	02.08.23
	Reference system	03.08.23
	Inertial frames and its derivation	04.08.23
	Galilean transformation	05.08.23
	Michelson morley experiment	07.08.23
	Postulates for the special theory of Relativity	08.08.23
	Lorentz transformation	09.08.23
	length contraction.	10.08.23
	Time dilation	11.08.23
	Variation mass with velocity	12.08.23
	mass-energy equivalence	14.08.23
	particle with zero Rest mass	15.08.23
	(Unit Test - 1)	16.08.23
		17.08.23
		18.08.23
	Paper - II	19.08.23
	Unit - 1	21.08.23
	Amorphous and crystalline solids	22.08.23
	Element of symmetry	23.08.23
	Seven crystal system	24.08.23
	crystal plane and miller indices	25.08.23
	Cohesive Energy of solids	26.08.23
	Madelung constant	28.08.23
		29.08.23
		30.08.23
		31.08.23

कुल कार्य दिवस 27 अवकाश 03 सम्पादित कार्य दिवस 24

Class B.Sc III

WORK DONE DURING THE DAY	REMARK
Sweep Meeting Khairagarh	
Sweep Meeting Khairagarh	
Meeting Khairagarh (राज-सुभाष)	
पुस्तकालय सेट खरीदना (नयी खरीदना)	
Reference system	
Inertial frame of reference and derivation	
Galilean transformation	
आदिगामी दिवस	
Michelson-Morley experiment.	
Michelson-Morley experiment.	
Postulates of special theory of relativity	
Michelson Morley revision & Lorentz transformation	
खरीदना सेट	
length contraction & Time dilation	
mass variation with velocity	
mass energy equivalence.	
particle with zero rest mass	
Amorphous and crystalline solids	
Element of symmetry	
Seven crystal system	
miller indices	
Laue's equation for x-rays diffraction	
Bragg's Law	
(Unit Test - 1) Relativity	
cohesive Energy of solids.	
आदिगामी दिवस	
Madelung Constant.	

(Signature)
हस्ताक्षर प्राध्यापक

(Signature)
Dr. ~~Prakash~~
Rani Durgarati Govt.
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Month September - 2023

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		01.09.2023
	Paper - I	02.09.2023
	unit - 1	04.09.2023
	Ordinary Differential Equations	05.09.2023
	1st Order homogeneous differential equation	06.09.2023
	Exact and non exact differential equation	07.09.2023
	2nd order homogenous & nonhomogeneous equation	08.09.2023
		09.09.2023
		11.09.2023
	Paper - I	12.09.2023
	Unit - V	13.09.2023
	Special theory of Relativity	14.09.2023
	Frame of reference	15.09.2023
	Galilean Transformation	16.09.2023
	Inertial frame and non inertial frame	18.09.2023
	Outcome of michelson morley experiment	19.09.2023
	Postulates of special theory of relativity	20.09.2023
	Length contraction	21.09.2023
	Time dilation	22.09.2023
	Relativistic transformation of velocity	23.09.2023
	Relativistic variation of mass	25.09.2023
	mass Energy equivalence	26.09.2023
	Transformation of Energy and momentum	27.09.2023
		28.09.2023
		29.09.2023
		30.09.2023

WORK DONE DURING THE DAY	REMARK
UNIT Test Exam - I Paper II UNIT - I	
1st order homogeneous differential equation problem	
Exact differential Equation and problem	
कृष्ण जन्माष्टमी	
non exact differential equation and problem	
2nd order homogenous equation + problem	
Problem	
2nd order non homogenous equation + problem	
Problem	
स्थानीय अन्तर्गत (पोल टर्पोलर)	
frame of reference and inertial frame reference	
non inertial frame of reference	
घरितातिग रीत	
स्थानीय अन्तर्गत (गणेश चतुर्थी)	
michelson morle experiment	
michelson morle experiment	
Postulates of special theory of relativity	
Gallean transformation.	
length contraction, Time dilation	
Relativistic mass change with velocity	
पुनित स्पृष्टी मीटिंग रवेरगा	
ईद अन्तर्गत	
$E = mc^2$	
Transformation of Energy and momenta.	


हस्ताक्षर प्राध्यापक


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S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	Paper II unit - 01	01.09.23
	Production and detection of ultrasonic & infrasonic waves and application.	02.09.23
	Acoustic Impedance of medium	04.09.23
	percentage reflection & refraction at a boundary.	05.09.23
	Impedance matching for transducers	06.09.23
	Principle of sonar system	07.09.23
		08.09.23
		09.09.23
		11.09.23
		12.09.23
		13.09.23
	Paper - I unit - 02	14.09.23
	Thermodynamic functions	15.09.23
	maxwell thermodynamical equations & app.	16.09.23
	Tds equation	18.09.23
	Energy and heat capacity equation	19.09.23
	Application of maxwell equations.	20.09.23
	Joule Thomson cooling	21.09.23
	Van der waals gas	22.09.23
	clausius-clapeyron heat equation.	23.09.23
	Blackbody spectrum	25.09.23
	stefan - Boltzmann Law	26.09.23
	wien's displacement Law	27.09.23
	Rayleigh Jean's Law	28.09.23
	planck quantum theory of Radiation.	29.09.23
		30.09.23

WORK DONE DURING THE DAY	REMARK
Internal UNIT Test - 01 paper - 01 UNIT - 01	
Relation Ship Between group velocity & phase velocity	
production and detection of ultrasonic wave	
production and detection of infrasonic wave.	
application of ultrasonic & infrasonic wave	
कुल उत्पत्ति	
Acoustic impedance of a medium	
percentage reflection & refraction at a boundary.	
impedance matching for transducerce	
Principle of Sonar system	
describe Internal Energy, enthalpy, Helmholtz	
स्वामीय अर्थात् (पोल ल्योन्डर)	
describe Gibbs free energy	
maxwell thermodynamical equations and application	
हरिद्विज प्रीज	
स्वामीय अर्थात् (गोश चतुर्वी)	
Tds equation derivation.	
derivation for Joule Thomson cooling	
van der waals gas	
clausius-clapeyron heat equation.	
Black body Spectrum	
stefan - Boltzmann Law	
चुनाव ड्यूडी वीरिंग वीरिंग	
हैड अर्थात्	
Rayleigh Jean's Law.	
wien displacement Law	

S. NO	WORK PROPOSED FOR THE MONTH	DATE
	Paper - II unit - 01	01.09.23
	Specific heat of solids	02.09.23
	classical theory Dulong-petit's Law	04.09.23
	Einstein theories	05.09.23
	Debye theories	06.09.23
	vibrational mode of one dimensional of monoatomic lattice	07.09.23
		08.09.23
		09.09.23
		11.09.23
		12.09.23
	Paper - I	13.09.23
	unit - 2	14.09.23
	Failure of classical physics to explain phenomenon of black body spectrum	15.09.23
	photo electric effect, Compton effect.	16.09.23
	wave particle duality	18.09.23
	uncertainty principle	19.09.23
	De Broglies hypothesis for matter wave	20.09.23
	phase and group velocity	21.09.23
	Davisson and Germer's experiment	22.09.23
	Bohr's atomic model	23.09.23
	Energy of particle in box	25.09.23
		26.09.23
		27.09.23
		28.09.23
		29.09.23
		30.09.23

WORK DONE DURING THE DAY	REMARK
classical theory Dulong-petit's Law	
classical theory Dulong-petit's Law	
Einstein theories	
Einstein theories	
debye theories	
<u>इकाई 01-02</u>	
debye theories	
vibrational mode of one dimensional monoatomic lattice	
black body spectrum	
photo electric effect	
स्वानीय अंश (पेटा लॉफर)	
photo electric effect	
Compton effect	
<u>द्वितीयक शीट</u>	
स्वानीय अंश (जोसेफ चरुफ)	
Test Exam - unit - 01 paper - 1	
wave particle duality & uncertainty principle	
de broglies' hypothesis for matter waves	
phase & group velocity and relation.	
Devison & Germer's experiment	
Bohr's atomic model	
पुनरावरीक्षण सत्र	
<u>इकाई अंश</u>	
Energy of particle in a box	
Energy of particle in a box	

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Salhewara
Dist. - K.C.G. (C.G.)

Month October - 2023

Subject physics

Class Bsc-I

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	Paper - II Unit II	02.10.23
-	Electro statics field and electric flux	03.10.23
-	Gauss theorem of Electrostatics	04.10.23
-	Application of Gauss theorem	05.10.23
-	Electric potential as line integral of electric field.	06.10.23
-	Potential due to point charge, electric dipole, uniformly charged spherical shell and solid sphere.	07.10.23
-	Capacitance of an isolated spherical conductor, parallel plate, spherical and cylindrical condenser.	09.10.23
		10.10.23
		11.10.23
	Paper - I, unit - 2	12.10.23
	Law of motion.	13.10.23
-	Dynamics of a system of particles	14.10.23
-	concept of center of mass	16.10.23
-	Determine of center of mass for discrete and continuous system having cylindrical and spherical symmetry.	17.10.23
		18.10.23
		19.10.23
		20.10.23
		21.10.23
		22.10.23
		24.10.23
		25.10.23
		26.10.23
		27.10.23
		28.10.23
		30.10.23
		31.10.23

WORK DONE DURING THE DAY	REMARK
गांधी जयंती (holiday)	
Electrostatic field and flux	
रॉगगड स्वैतिक निगलानी कल मीरिंग	
Gauss theorem of electrostatics.	
रॉगगड स्वैतिक निगलानी कल मीरिंग	
Electric field due to point charge, infinite line charge	
Electric field due to uniformly charged spherical shell	
Electric field due to solid sphere	
Electric field due to plane charged sheet, conductor	
Electric potential as line integral of E field	
Potential due to a point charge, spherical shell	
Solid sphere, calculation of electric field from potential, capacitance of an isolated spherical conductor, parallel plate, spherical and cylindrical condenser.	
Dynamics of a system of particles	
concept of center of mass for discrete and continuous	
दशाहल अडडाग	
दशाहल अडडाग	
दशाहल अडडाग	
center of mass cylindrical symmetry	
center of mass of spherical symmetry	
motion of rocket	
work energy theorem for conservative force.	
पुनाब ट्रेनिंग (2023 विधान सभा)	

कुल कार्य दिवस 26 अवकाश 04 सम्पादित कार्य दिवस 22


हस्ताक्षर प्राध्यापक


हस्ताक्षर प्राचार्य
Principal
Rani Durgavati Govt. College
Salhevara
Dist. - K.C.G. (C.G.)

Month October 2023

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	Paper - II unit (V)	02.10.23
-	Basic property of Laser	03.10.23
-	Einstein a and B coefficient	04.10.23
-	spontaneous and induced emission	05.10.23
-	condition of Laser action	06.10.23
-	Types of Laser	07.10.23
-	Application of Laser	08.10.23
		09.10.23
	Paper - I unit	10.10.23
-	maxwell boltzmann of velocity distributi	11.10.23
-	in ideal gas.	12.10.23
-	maxwell distribution of speeds in an	13.10.23
	Ideal gas.	14.10.23
-	Doppler broadening of spectral line.	15.10.23
		16.10.23
		17.10.23
		18.10.23
		19.10.23
		20.10.23
		21.10.23
		22.10.23
		23.10.23
		24.10.23
		25.10.23
		26.10.23
		27.10.23
		28.10.23
		29.10.23
		30.10.23
		31.10.23

WORK DONE DURING THE DAY	REMARK
गौची जयंती (अमरावती)	
coherence length and coherence time	
सैंगल स्पॉटि निगलती उद (मीटिंग)	
spatial coherence of a source	
सैंगल स्पॉटि निगलती उद (मीटिंग)	
Einstein's A and B coefficients	
spontaneous and induced emissions	
condition of laser action.	
property of a laser	
population inversion	
Ruby Laser	
He-Ne Laser	
application in communication.	
Holography.	
maxwell boltzmann distribution of speeds in	
ideal gas.	
distinction between mean rms and most	
probable speed value.	
दोहरा अरडाव	
दोहरा अरडाव	
दोहरा अरडाव	
Doppler broadening of spectral line.	
maxwell boltzmann velocity distribution	
property of velocity distribution	
property of velocity distribution -	
पुनावे रेनिंग (विधानसभा 2023)	

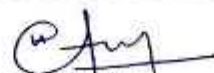
कुल कार्य दिवस 26 अवकाश 04 सम्पादित कार्य दिवस 22


हस्ताक्षर प्राध्यापक


हस्ताक्षर प्राचार्य
Principal
Rani Durgavai Govt. College
Salhevara
Dist. - K.C.G. (C.G.)

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	Paper - II unit - 2	02.10.23
-	Free electron model for metal.	03.10.23
-	solution of S.E. in constant potential.	04.10.23
-	Kronig penny model.	05.10.23
-	metal, insulator, semi conductor.	06.10.23
-	Hall effect.	07.10.23
-	Dia, para, ferromagnetism.	08.10.23
-	Langvin theory of dia and para magnetism	09.10.23
-	Curie Weiss Law.	10.10.23
-	B-H curve.	11.10.23
-	Hysteresis Loss.	12.10.23
		13.10.23
		14.10.23
		15.10.23
	Paper - II unit - 5	16.10.23
-	Different between analog and digital Circuits.	17.10.23
-	Binary decimal Number, conversion.	18.10.23
-	Basic Logic gate OR and Not gate.	19.10.23
		20.10.23
		21.10.23
		22.10.23
		23.10.23
		24.10.23
		25.10.23
		26.10.23
		27.10.23
		28.10.23
		29.10.23
		30.10.23
		31.10.23

WORK DONE DURING THE DAY	REMARK
गती-तयती (समाप्त)	
Free electron model for metal.	
समाप्त सवीकृत विद्युत् क्षेत्र (मीटिंग)	
solution of S.E. in a constant potential.	
समाप्त सवीकृत विद्युत् क्षेत्र (मीटिंग)	
Density of states	
Fermi Energy	
Kronig penny model	
Kronig penny model	
Different between metal insulator and semi	
Hall Effect	
Dia, para and ferromagnetism	
Langvin's theory of dia and para-magnetism	
Langvin's theory of para magnetism	
Curie-Weiss Law	
B-H curve.	
Hysteresis Loss.	
Binary number and decimal Number	
दशहज अक्षर	
अक्षर अक्षर	
दशहज अक्षर	
Binary to decimal and decimal to binary conversion	
Different between analog & digital circuits	
And OR Not gate	
And, OR Not gate.	
पुनर्व त्रेनिंग विधान सभा (2023)	


हस्ताक्षर प्राध्यापक


Principal
Rani Durgavati Govt. Collge
Salhevara
Dist. - K.C.G. (C.G.)

Month July 2023

Subject Zoology

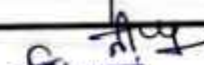
Class BSc-1

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	<u>Taxonomy</u>	13/07/2023
	Elementary knowledge of zoological Nomenclature and International Code	14/07/2023
	Classification of Animal Kingdom upto Phylum of acelomate and Coelomate non-chordates according to Parker and Haswell 7 th edition.	15/07/2023
	Protozoa: General character and classification upto order, and Example	16/07/2023
	Life history of pathogenicity of Malaric Parasites and Protozoan disease.	17/07/2023
		18/07/2023
		19/07/2023
		20/07/2023
		21/07/2023
		22/07/2023
		23/07/2023
		24/07/2023
		25/07/2023
		26/07/2023
		27/07/2023
		28/07/2023
		29/07/2023
		30/07/2023
		31/07/2023

WORK DONE DURING THE DAY	REMARK
Joining	
General Introduction of zoology syllabus	
Study of taxonomy - General Introduction	
Holiday	
Holiday	
Study of Systemic taxonomy - types and Importance	
Study protozoa - General classification and character.	
Study of protozoa - Plasmodium & their order	
Study of protozoa classification - Ciliophora and their orders.	
Study of Protozoan disease - symptoms, treatment	
Holiday	
Study of protozoan disease - Malaria - types and life cycle.	
Study of Trypanosoma - types and life cycle.	
Study of Leishmania - types, symptoms, treatment.	
Study of Giardia intestinalis - structure, symptom, treatment.	
Study of Paramecium - General Introduction	World Nature Conservation Day celebration.
Holiday	
SVNSDY Holiday	
Study of Paramecium - General structure	

कार्य दिवस 15 अवकाश 02 सम्पादित कार्य दिवस 13


हस्ताक्षर प्राध्यापक


प्रो. प्राचार्य
यनी दुर्गा प्रयाग प्रायश्चित्त विद्यालय
सालुवारा
जिला-खैरा-पुई-मंडई/प.प्र.

Month AugustSubject ZoologyClass B.Sc-I

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		1/08/2023
		2/08/2023
		3/08/2023
		4/08/2023
		5/08/2023
		6/08/2023
		7/08/2023
		8/08/2023
		9/08/2023
		10/08/2023
		11/08/2023
		12/08/2023
		14/08/2023
		15/08/2023
		16/08/2023
		17/08/2023
		18/08/2023
		19/08/2023
		21/08/2023
		22/08/2023
		23/08/2023
		24/08/2023
		25/08/2023
		28/08/2023
		28/08/2023
		29/08/2023
		31/08/2023

WORK DONE DURING THE DAY	REMARK
Study of Paramecium - Internal structure	
Study of Paramecium - Locomotion, Nutrition	
Study of Paramecium - Respiration and Excretion	
Study of Paramecium - behavior.	
Study of Paramecium - Reproduction & significance	
<u>SUNDA</u>	
Test - Proctodan Classification	
Reproduction of Paramecium - Asexual	
<u>Holiday</u>	
Test of Proctodan disease	
Study of Porifera - General Introduction	
Study of Porifera - Classification	
Study of Sycm - General Introduction & structure	
Study of Sycm - Independence day	
Study of Sycm - Canal system	
Study of Sycm - Reproductive, digestive and Excretory Organs.	
Study of Sycm and their significance.	
Study of Coelenterata - General Introduction	
Study of Coelenterata - Classification	
Study of Obelia - General Introduction & structure	
Study of Obelia - life cycle.	
Study of difference between the polyp and medusa.	
Study of Medusa structure	
Study of Platyhelminthes - General Introduction	
Study of Platyhelminthes classification & Example.	
Study of Fasciola hepatica - General Introduction	
Study of Fasciola hepatica - Life cycle.	

कुल कार्य दिवस 27 अवकाश 03 सम्पादित कार्य दिवस 24

 हस्ताक्षर प्राध्यापक

 श्री. राजेश
 प्राचार्य
 श्री दुर्गाबाई कृष्ण साहू विद्यालय
 सान्खेवाडा
 जिला-खेरा - पुर्द - गंडई (ग.प्र.)

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		1/08/2023
		2/08/2023
		3/08/2023
		4/08/2023
		5/08/2023
		7/08/2023
		8/08/2023
		9/08/2023
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		19/08/2023
		20/08/2023
		22/08/2023
		22/08/2023
		24/08/2023
		25/08/2023
		28/08/2023
		29/08/2023
		29/08/2023
		31/08/2023

WORK DONE DURING THE DAY	REMARK
General Introduction of Endocrine gland	
Study of Pituitary gland - General Intro and Structure	
Study of Pituitary gland Function.	
Study of Hormones receptor - General Introduction	
Study of Hormones receptor - Mechanism	
<u>TEST* Endocrine gland</u>	
Study of thyroid gland - General Introduction.	
Study of Biosynthesis of thyroid gland	
Study of Adrenal gland - General Introduction.	
Study of Adrenal Biosynthesis and Secretion.	
Study of Ovarian - General Introduction.	
- Independence day celebration	
Study of ovarian biosynthesis and secretion	
Study of Testicular hormones - General Introduction.	
<u>Testosterone Testosterone</u>	
Study of Skeleton system - General Introduction	
Study of Endoskeleton - General intro and types.	
Study of Axial skeleton - Comparative Study in vertebrate animals.	
Study of Vertebral Column in Amphibia and Reptilia.	
Study of Vertebral Column in Aves and Mammals.	
Study of girdle - General Introduction.	
Study of Pectoral girdle in different vertebrate animals like fish	
Study of Pectoral girdle in Amphibia and Reptilia	
Study of Pectoral girdle in Aves and Mammals.	
Study of Pelvic girdle & General Introduction.	

Dr. Raj
 श्री सुभाषी प्रसाद
 महाविद्यालय
 राहवा
 जिला-शेरा. - पिन- 202017

Month August

Subject Biology

Class B.C-III

S. NO	WORK PROPOSED FOR THE MONTH	DATE
		1/08/2023
		2/08/2023
		3/08/2023
		4/08/2023
		5/08/2023
		7/08/2023
		8/08/2023
		09/08/2023
		10/08/2023
		11/08/2023
		12/08/2023
		14/08/2023
		15/08/2023
		16/08/2023
		17/08/2023
		18/08/2023
		19/08/2023
		21/08/2023
		22/08/2023
		23/08/2023
		24/08/2023
		25/08/2023
		26/08/2023
		28/08/2023
		29/08/2023
		31/08/2023

WORK DONE DURING THE DAY	REMARK
Study of Biogeochemical cycle - General Introduction.	
Study of Nitrogen Cycle and its process.	
Study of Oxygen and Carbon Cycle	
Study of Phosphorus and Sulfur Cycle.	
Study of Air Pollution - General Intro	
Study of Water Pollution - General Intro	
Study of Ecological Succession - General Introduction.	
— Holiday —	
Study of Ecological Succession - types & Example.	
Study of Law of Limiting Factor - General Intro	
Study of Blackman's Law of Limiting Factor	
Study of Liebig's Law of the Minimum, Shelford Law of Tolerance.	
— Independence day —	
— Test topic - Aim and Scope of Ecology —	
Study of Food Chain in Fresh water ecosystem.	
Study of Energy Flow of ecosystem.	
Study of Energy Flow of ecosystem - trophic level	
Study of Conservation of Natural resource - G. Intro	
Study of Natural resources - types.	
Study of Environmental Impact - General Introduction	
Environmental Impact assessment.	
Study of toxicology - General Introduction.	
Study of branches of toxicology.	
Study of Classification of toxicants.	
Study of basic concept of toxicology.	
Study of Principal of Systematic toxicology.	

कुल कार्य दिवस 27 अवकाश 03 सम्पन्नित कार्य दिवस 24

हस्ताक्षर प्राध्यापक

प्रो. मधु
 प्राचार्य
 सनो दुर्गावती शास्त्र प्रशिक्षणालय
 हस्ताक्षर प्राध्यापक
 साहूवाडी
 विना-खेरा-पुई-मंडई/प.प.

Month AugustSubject ZOOLOGYClass B.Sc. I, II, III. Practical

S. NO	WORK PROPOSED FOR THE MONTH	DATE	WORK DONE DURING THE DAY	REMARK
		1/08/2023	Study of Permanent slides cell division. mitosis	
		2/08/2023	Study of Blood group detection - General Introduction.	
		3/08/2023	Study of Blood group detection - Method.	
		4/08/2023	Study of Fish Identification	
		5/08/2023	Study of Fish Identification and Age Calculation.	
		7/08/2023	Study of Permanent Slides - Protozoa Parasitic	
		8/08/2023	Study of PH meter - General Introduction.	
		09/08/2023	- Holiday	
		10/08/2023	Study of Compound Microscope and their part.	
		11/08/2023	Study of Microscope (simple) - their part	
		12/08/2023	Study of dissection box - General Introduction.	
		14/08/2023	Study of Osteology - General Introduction.	
		15/08/2023	Independence day	
		16/08/2023	Study of bones in Amphibia	
		17/08/2023	Study of Insect identification.	
		18/08/2023	Study of Limbs of Amphibia.	
		19/08/2023	Study of Girdle of Amphibia.	
		20/08/2023	Study of Invertebrate specimen	
		21/08/2023	Study of Blood group test	
		22/08/2023	Study of Cranial Nerve - General Intro.	
		24/08/2023	Study of blood groups test - General Intro	
		25/08/2023	Study of blood group test	
		26/08/2023	Study of Permanent slides - gland.	
		28/08/2023	Study of Specimen Invertebrate	
		29/08/2023	Study of Honey bee Identification.	
		31/08/2023	Study of bee life cycle	

कुल कार्य दिवस 27 अवकाश 03 सम्पादित कार्य दिवस 24

हस्ताक्षर प्राध्यापक

for Aug
 प्राचार्य
 रानी दुर्गावती शास्त्री महाविद्यालय
 हस्ताक्षर प्रो. कल्याण
 जिन्ना-खैरा-सुई-गंडई/म.प्र.

Subject Zoology

Month Sep

Class B.Sc. I

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		1/09/2023
		2/09/2023
		4/09/2023
		5/09/2023
		6/09/2023
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		8/09/2023
		9/09/2023
		11/09/2023
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		30/09/2023

WORK DONE DURING THE DAY	REMARK
Study of Fasciola hepatica larva stages - Miracidium larva	
Study of Fasciola hepatica - sporocyst and redia larva	
Study of cercaria and metacercaria larva	Teachers day celebration and well come
Study of Life cycle of Fasciola hepatica.	
Study of Fasciola hepatica - Digestive system, Excretive	
— Holiday —	
Study of Fasciola hepatica - Reproductive, Nervous System	
Study of Prokaryotic and Eukaryotic - General Introduction.	
Study of Prokaryotic and Eukaryotic - difference.	
Study of Bacteria - General Introduction and Structure	
Study of archaea - Structure	
— Holiday —	
Study of endoplasmic reticulum - General Introduction	
Study of endoplasmic reticulum - Structure & Function.	
— Holiday —	
— Holiday —	
Study of ribosomes - General Introduction.	
Study of ribosomes - Structure and Function.	
Study of Golgi apparatus - General Introduction.	
Study of Golgi apparatus - Structure and Function.	
Study of lysosome - General Introduction.	
Study of lysosome - Structure and Function.	
— Holiday —	
Study of Mitochondria - General Introduction.	
Study of Mitochondria - Structure and Function.	

कुल कार्य दिवस 21 अवकाश 09 सम्पादित कार्य दिवस 20

हस्ताक्षर प्रख्यापक

for नीति
रानी दुर्गा प्रशासनिक महाविद्यालय
साल्वादा
जिला-बेरा-पुई-गोंड/म.प्र.

S. NO	WORK PROPOSED FOR THE MONTH	DATE
		1/09/2023
		2/09/2023
		4/09/2023
		5/09/2023
		6/09/2023
		7/09/2023
		8/09/2023
		09/09/2023
		11/09/2023
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		26/09/2023
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		29/09/2023
		30/09/2023

WORK DONE DURING THE DAY	REMARK
Study of Pelvic girdle in Fishes and Amphibia	
Study of Pelvic girdle in Reptilia and Aves	
Study of Pelvic girdle in Mammals and their functions	
Study of Limb - General Introduction and Comparative	
Study of Fore limb - Fishes and Amphibia	
Holiday	
Study of Fore limb - Reptilia and Aves	
Study of Fore limb in Mammals	
Study of Hind limb in Fishes and Amphibia	
Study of Hind limb in Reptilia and Aves	
Study of Hind limb in Mammals	
Holiday	
Study of Circulatory system - General Introduction	
Study of Evolution of Heart - General Introduction	
Holiday	
Holiday	
Study of single circuit Heart - structure	
Study of Mixed or Transitional Heart	
Study of Double circuit Heart - Structure of reptilia	
Study of Aortic Arches - General Introduction	
Study of Aortic Arches in different vertebrate animals	
Study of Aortic Arches in Amphibians	
Holiday	
Study of Aortic Arches in Reptilia and Aves	
Study of Aortic Arches in Mammals	

हस्ताक्षर प्राध्यापक

Dr. नील
हस्ताक्षर प्राध्यापक
राज्य प्रयोगशाला
सांख्यिक
जिला-बीना-पुठ-पंडा(ग.र.)

Month Sep 2023

Subject Zoology

Class B.Sc. III

S NO	WORK PROPOSED FOR THE MONTH	DATE
		1/09/2023
		2/09/2023
		4/09/2023
		5/09/2023
		6/09/2023
		7/09/2023
		8/09/2023
		9/09/2023
		11/09/2023
		12/09/2023
		13/09/2023
		14/09/2023
		15/09/2023
		16/09/2023
		18/09/2023
		19/09/2023
		21/09/2023
		22/09/2023
		23/09/2023
		25/09/2023
		26/09/2023
		27/09/2023
		28/09/2023
		29/09/2023
		30/09/2023

WORK DONE DURING THE DAY	REMARK
Study of Drug dose relationship	
Study of Heavy Metal toxicity - General Introduction	
Study of Heavy Metal toxicity - Arsenic, Mercury	
Study of Lead and Cadmium toxicity	
Study of Animal Poison - General Introduction	
— Holiday —	
Study of Snake venom - General Introduction	
Study of Linkage - General Introduction	
Study of Linkage - types, themes and Importance	
Study of sex-linkage - General Introduction	
Study of sex-linkage - types and Example.	
— Holiday —	
Study of linkage map - General Introduction.	
Study of Gene Interaction - General Introduction. types	
— Holiday —	
— Holiday —	
Study of dominance - General Introduction & Example.	
Study of Lethal gene - General Intro & Example.	
Study of Complementary gene - General Intro & Example.	
Study of pleiotropic gene - example.	
Study of multiple gene - example.	
Study of Mutation - General Introduction.	
— Holiday —	
Study of mutation - types & Example.	
Study of Chromosomal disorders.	

कुल कार्य दिवस 21 अदकाह 09 सम्पादित कार्य दिवस 20

हस्ताक्षर प्राध्यापक

हस्ताक्षर प्राचार्य
 मिला-दिना-सं-पञ्जाब.००

Month September 2023Subject ZoologyClass B.Sc. 2nd Sem. Practical

S. NO.	WORK PROPOSED FOR THE MONTH	DATE	WORK DONE DURING THE DAY	REMARK
		1/09/2023	Study of Osteology - General Introduction.	
		2/09/2023	Study of Amphibia bones - Atlas and Axis	
		4/09/2023	Study of Cranial Nerves - General Introduction.	
		5/09/2023	Study of Cranial Nerves in Scorpion.	
		6/09/2023	Study of R.B.C - General Introduction.	
		7/09/2023	Holiday	
		8/09/2023	Study of specimen in invertebrate.	
		9/09/2023	Study of specimen Pehomyzom and Myxine.	
		11/09/2023	Study of Bones - Amphibia vertebral Column.	
		12/09/2023	Study of Pectoral girdle in Amphibia.	
		13/09/2023	Study of R.B.Cs test methods.	
		14/09/2023	Holiday	
		15/09/2023	Study of Local species Identification.	
		16/09/2023	Study of Blood Group detection.	
		18/09/2023	Holiday	
		19/09/2023	Holiday	
		21/09/2023	Study of R.B.Cs test and their counting.	
		22/09/2023	Study of R.B.Cs Counting methods.	
		23/09/2023	Study of Chordata - Classification.	
		25/09/2023	Study of Urochordata - classification.	
		26/09/2023	Study of Blood group detection.	
		27/09/2023	Study of specimen - in Honey bee	
		28/09/2023	Holiday	
		29/09/2023	Study of Invertebrate specimen.	
		30/09/2023	Study of Blood group detection.	

कुल कार्य दिवस 20अवकाश 09

सम्पादित कार्य दिवस

20

 हस्ताक्षर प्राध्यापक

 Dr. राजेश
 रावत
 राजेश रावत
 सहायक प्राध्यापक
 जिला-खेरा-पुई-गंडई (म.प्र.)

Month October 2023

Subject Zoology

Class D.S.I

S NO.	WORK PROPOSED FOR THE MONTH	DATE	WORK DONE DURING THE DAY	REMARK
		2/10/2023	Holiday	
		3/10/2023	Study Nuclear apparatus - General Intro & structure	
		4/10/2023	Cell membrane - General Introduction	
		5/10/2023	Cell membrane - Structure and function.	
		6/10/2023	Study of membrane receptor	
		7/10/2023	Study of Cell Cycle - General Introduction.	
		9/10/2023	Study Cell division - General Intro	
		10/10/2023	Study Cell division - Mitosis cell division.	
		11/10/2023	Study of meiosis cell division - G. Intro.	
		12/10/2023	Study of meiosis cell division & Importance.	
		13/10/2023	Study of Apoptosis - General Introduction	
		14/10/2023	Study of Cell signaling - General Introduction.	
		15/10/2023	Study of Cell signaling - receptor and function.	
		17/10/2023	Study of Regulation of Signaling Pathways.	
		18/10/2023	Study Cell Culture - General Introduction.	
		19/10/2023	Study of Cell culture types	
		20/10/2023	Study of Basic characteristics of tissue culture	
		21/10/2023	Study of Tissue culture and engineering	
		23/10/2023	Study of Step of Tissue culture	
		24/10/2023	Holiday	
		25/10/2023	Holiday	
		26/10/2023	Holiday	
		27/10/2023	Test topic cell division	
		28/10/2023	Study Animal Tissue culture and their step	
		30/10/2023	Study Tissue and their types.	
		31/10/2023	Study of Exocrine gland - General Introduction.	

कुल कार्य दिवस 22 अथवा 09 सम्पन्नित कार्य दिवस 22

हस्ताक्षर प्राध्यापक

for Dr. Anu
 हस्ताक्षर प्राध्यापक
 रानी दुर्गावती शास. महाविद्यालय,
 सातवादा
 जि.ता.वेरा. - पु.पं.पं. (व.प.)

Month October

Subject Zoology

Class B.Sc-II

S. NO	WORK PROPOSED FOR THE MONTH	DATE
		2/10/2023
		3/10/2023
		4/10/2023
		5/10/2023
		6/10/2023
		7/10/2023
		9/10/2023
		10/10/2023
		11/10/2023
		12/10/2023
		13/10/2023
		14/10/2023
		16/10/2023
		17/10/2023
		18/10/2023
		19/10/2023
		20/10/2023
		21/10/2023
		23/10/2023
		24/10/2023
		25/10/2023
		26/10/2023
		27/10/2023
		28/10/2023
		30/10/2023
		31/10/2023

WORK DONE DURING THE DAY	REMARK
<u>Holiday</u>	
Study Urogenital System - General Introduction.	
Study of kidney - General Introduction	
Study of kidney and their types.	
Comparative study of kidney in different vertebrate animal fishes.	
Study of Amphibia kidney and Reptilia kidney	
Study of Aves and Mammals kidney.	
Study of Nervous system - General Introduction.	
Study of types of Nervous system.	
Study of Mechanism of Nervous system	
Study of Nervous system function.	
<u>Test topic kidney</u>	
Study of Brain - General Introduction.	
Study of Part of Brain and their function	
Study of Brain structure and their function.	
Study Brain in different vertebrate animal - Fishes.	
Study of Brain Amphibia Brain and Reptilia Brain	
Study of Aves and Mammals Brain	
<u>Test topic Nervous System</u>	
<u>Holiday</u>	
<u>Holiday</u>	
<u>Holiday</u>	
Study of Spinal Cord - General Introduction.	
Study of Spinal Cord in Fishes and Amphibia	
Spinal Cord in Reptilia and Aves.	
Spinal Cord in Mammals	

कुल कार्य दिवस 22 दिवस 09 सम्पन्नित कार्य दिवस 22
 (P.S) 2023-24-10-2023


 हस्ताक्षर प्राध्यापक


 हस्ताक्षर प्राध्यापक
 एनो दुर्गावती भाव. महाविद्यालय
 साह्यवाड
 पिता-वेरा. एन.-मॅन्सी(उ.प.)

Month October

Subject Zoology

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		2/10/2023
		3/10/2023
		4/10/2023
		5/10/2023
		6/10/2023
		7/10/2023
		8/10/2023
		9/10/2023
		10/10/2023
		11/10/2023
		12/10/2023
		13/10/2023
		14/10/2023
		16/10/2023
		17/10/2023
		18/10/2023
		19/10/2023
		20/10/2023
		21/10/2023
		23/10/2023
		24/10/2023
		25/10/2023
		26/10/2023
		27/10/2023
		28/10/2023
		30/10/2023
		31/10/2023

Class B.Sc. B.E.

WORK DONE DURING THE DAY	REMARK
<u>Holiday</u>	
Study of Chromosomal disorder	
Study of Evolution Evidence	
Study of Mitosis cell division Slides	
Study of Permanent slides - Parasites	
Study of Bones - Amphibia - Vertebrate	
Study of Amphibia - Fore limb	
Study of Carbohydrate test - General Introduction	
Study of Carbohydrate test Methods	
Study of Permanent specimen Invertebrate	
Study of Invertebrate Specimen	
Study Amphibia Hind Limb	
Study of Amphibia - Pectoral girdle	
Study of Carbohydrate test	
Study of Lipids - test - General Introduction	
Study of Local specimen Identification	
Study of Local species Identification and classification	
Study of Fore Pelvic girdle	
<u>Holiday</u>	
<u>Holiday</u>	
<u>Holiday</u>	
Study Lipid test - Methods	
Study of Lipid test	
Study of Permanent Specimen	
Study of Taxes - General Introduction	
Study of Earthworms test	

कुल कार्य दिवस 22 अथवा 09 सम्पादित कार्य दिवस 22

सहायक प्राध्यापक
वि.स. संस्कृत - 22-10-2023

हस्ताक्षर प्राध्यापक

प्र. प्र. प्र.
श्री. सुप्रीता शर्मा, प्राध्यापक
सहायक प्राध्यापक
जिता-सैरा-एड-मंडल(व.स.)

Month October 2023

Subject Zoology

Class B.Sc. III

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		2/10/2023
		3/10/2023
		4/10/2023
		5/10/2023
		6/10/2023
		7/10/2023
		9/10/2023
		10/10/2023
		11/10/2023
		12/10/2023
		13/10/2023
		14/10/2023
		16/10/2023
		17/10/2023
		18/10/2023
		19/10/2023
		20/10/2023
		21/10/2023
		23/10/2023
		24/10/2023
		25/10/2023
		26/10/2023
		27/10/2023
		28/10/2023
		30/10/2023
		31/10/2023

WORK DONE DURING THE DAY	REMARK
<u>Holiday</u>	
Study Chromatography General Introduction.	
Study of Chromatography Principle	
Study of types of Chromatography	
Study of Biological significance of chromatography techniques	
Study of Centrifuge - General Introduction	
Principles of Centrifuge and types.	
Study of Centrifuge techniques	
Study of Microscope - General Introduction.	
Study of Compound/Light microscope and their components.	
Study of Electron Microscope - General Introduction	
Electron Microscope - types and structure	
Differences between electron microscope and light microscope	
Study of Phase Contrast Microscope - General Intro.	
Study of Phase Contrast Microscope - Component	
Phase Contrast Microscope - working	
<u>Test Chromatography</u>	
Study of Colorimeter - General Introduction.	
<u>Holiday</u>	
<u>Holiday</u>	
<u>Holiday</u>	
Study of Colorimeter - types.	
Study of Colorimeter Application	
<u>Test topic Centrifuge</u>	
Study of PH meter - General Introduction	
Study of PH meter - Principles.	

कुल कार्य दिवस 22 अवकाश 09 सम्पादित कार्य दिवस 22

प्राध्यापक (स.स.)

हस्ताक्षर प्राध्यापक

Dr. Anu
रानी दुर्गावती शास. महाविद्यालय
साह्याय
जिल्हा.पंजाब. महें. गांधी (स.स.)

स्व रानी दुर्गावती शासकीय महाविद्यालय [
साल्हेवारा, जिला - खैरागढ, छुईखदान, गंडई

2023..2024....

TEACHER'S DIARY

Subject English Language

Name of Teacher Ramdhiraj Jhuu

Month July

Subject English

Class B.A./B.Sc./B.Com. I Year

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		24.07.2023
	Unit - I	25.07.2023
		26.07.2023
	Flamingo: A Textbook for college students.	27.07.2023
		28.07.2023
		29.07.2023
	Publication: Macmillan Publishers	31.07.2023

WORK DONE DURING THE DAY	REMARK
Joining	
Section - 1 - Prose and Poetry	
Baa - My Mother - A Person, A Woman	
Darshana Dhalakia translated by Ashok Venishwara	
Muharram Holiday	
About the Author, About the Translator, About the Article, and story,	

दिवस 07 अवकाश 02 सम्पादित कार्य दिवस 05

Rohini
हस्ताक्षर प्राध्यापक

Aty
हस्ताक्षर प्राध्यापक
Pr. Principal
Rani Durgavati Govt. College
Sethwana
Dist. - K.C.G. (C.G.)

Month July

Subject English

Class BA/B.Sc/B.Com-II year

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	<u>Unit - I</u>	<u>24.07.2023</u>
		<u>25.07.2023</u>
		<u>26.07.2023</u>
		<u>27.07.2023</u>
	<u>Short answer questions to be</u>	<u>28.07.2023</u>
	<u>passed by (Five short answer question</u>	<u>29.07.2023</u>
	<u>of three marks each)</u>	<u>31.07.2023</u>

WORK DONE DURING THE DAY	REMARK
<u>Joining</u>	
<u>Sonnet - To Science</u>	
<u>(E.A. Poe)</u>	
<u>Notes and Exercises, Introduction to</u>	
<u>the poet, Introduction to the Poem, Glossary</u>	
<u>Muharram Holiday</u>	
<u>Comprehension, Grammar - Articles</u>	
<u>Use of Indefinite articles.</u>	

संपन्न दिवस 07 अवकाश 02 सम्पादित कार्य दिवस 05

Principal
Rani Durgavati Govt. College
Sathewara
Dist. - K.C.G. (C.G.)

P. Chandra
हस्ताक्षर प्राध्यापक

Principal
Rani Durgavati Govt. College
Sathewara
Dist. - K.C.G. (C.G.)

Month July

Subject English

Class B.A./B.Sc./B.Com-III Year

S. NO	WORK PROPOSED FOR THE MONTH	DATE
	<u>Unit-1</u>	<u>24.07.2023</u>
		<u>25.07.2023</u>
		<u>26.07.2023</u>
	<u>Essay type answer in about 200 words</u>	<u>27.07.2023</u>
	<u>5 essay type questions to be</u>	<u>28.07.2023</u>
	<u>asked them to be attempted.</u>	<u>31.07.2023</u>

WORK DONE DURING THE DAY	REMARK
<u>Jainig</u>	
<u>Three Years she gives-</u>	
<u>(William Wordsworth)</u>	
<u>Notes and Exercises, About the Poem</u>	
<u>Muharram Holiday</u>	
<u>Glossary, Questions, Vocabulary</u>	
<u>Use these phrasal verbs in sentences of your own.</u>	

कुल कार्य दिवस 07 अवकाश 02 सम्पादित कार्य दिवस 05

Principal
Rani Durgavati Govt. College
Salhevara
Dist. - K.C.G. (C.G.)

~~Principal~~
हस्ताक्षर प्राध्यापक

Aty
हस्ताक्षर प्राध्यापक
Principal
Rani Durgavati Govt. College
Salhevara
Dist. - K.C.G. (C.G.)

Month August

Subject English

Class B.A./B.Sc./B.Com. - 2 year

S. NO	WORK PROPOSED FOR THE MONTH	DATE	WORK DONE DURING THE DAY	REMARK
		11.08.2023	Answer the following questions in 2-4 sentences.	
		12.08.2023	Write short notes to answer the following question.	
		13.08.2023	Choose the correct option to answer the following questions.	
		14.08.2023	<u>Aadiwasi Purnima Holiday</u>	
		15.08.2023	A Devoted Son (Amrita Desai)	
		16.08.2023	About the Author & story, Comprehension	
		17.08.2023	The Home Coming (Rabindranath Tagore)	
		18.08.2023	<u>Independence Day</u>	
		19.08.2023	Glossary,	
		20.08.2023	The Solitary Reaper - William Wordsworth	
		21.08.2023	About the poet / About the poem.	
		22.08.2023	Write short notes on the following in 40-50 words.	
		23.08.2023	Language in Use.	
		24.08.2023	Developing writing skills	
		25.08.2023	Word Formation	
		26.08.2023	Prefixes / Common suffixes and examples	
		27.08.2023	Conversion / Compounding / Rhyming compound	
		28.08.2023	Idioms and Phrases / Coordination and Sub.	
		29.08.2023	<u>Rajshah Bandhan Holiday</u>	
		30.08.2023	One word substitutes.	
		31.08.2023	Describing a place or a person.	

कुल कार्य दिवस 25 अवकाश 03 सम्पादित कार्य दिवस 22

Principal
Rani Durgavati Govt. College
Sambharsa
Dist. - K.C.G. (C.G.)

[Signature]
हस्ताक्षर प्राचार्य

[Signature]
हस्ताक्षर प्राचार्य
Principal
Rani Durgavati Govt. College
Sambharsa
Dist. - K.C.G. (C.G.)

शासकीय नवीन महाविद्यालय
साहूवारा

2023..2024...

TEACHER'S DIARY

Subject Mathematics

Name of Teacher Miss Anjana Sahu

Unit II

paper I (Anahat)

Series of arbitrary terms.
 Convergence, divergence & oscillation.
 Abel's & Dirichlet's test - Multiplication
 of series Double series Partial
 Derivation and differentiability of
 real valued functions of two
 variables Schwarz and Young's
 theorem Implicit function theorem
 Fourier series Fourier expansion
 of piecewise monotonic function.

22/07/2023
 24/07/2023
 25/07/2023
 26/07/2023
 27/07/2023
 28/07/2023
 31/07/2023

joining Day
 Introduction of series & arbitrary
 terms convergence & Div. & osc series
 Abel's & Dirichlet's Test
 Examples and Exercise
 derivation and differentiability of
 real valued function Examples

कुल कार्य दिवस 06 अवकाश 00 सम्पादित कार्य दिवस 06

Principal
 Rani Durgavati Govt. College
 Salhewara
 Dist. - K.C.G. (C.G.)

HOD
 Department of Mathematics
 Rani Durgavati Govt. College Salhewara
 Dist. - K.C.G. (C.G.)

Rahul
 हस्ताक्षर प्राध्यापक
 HOD
 Department of Mathematics
 Rani Durgavati Govt. College Salhewara
 Dist. - K.C.G. (C.G.)

Aty
 हस्ताक्षर प्राचार्य
 Principal
 Rani Durgavati Govt. College
 Salhewara
 Dist. - K.C.G. (C.G.)

शासकीय नवीन महाविद्यालय
साहेंवारा

2023-2024...

TEACHER'S DIARY

Subject ECONOMICS

Name of Teacher Rajendra Rawl

Month जुलाई 2023

Subject अर्थशास्त्र

Class B.A.I

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		13/07/2023
	प्रथम पत्रपत्र - व्यक्ति अर्थशास्त्र	14/07/2023
	इकाई - I	15/07/2023
	अर्थशास्त्र का परिचय, शर्त परिभाषा	17/07/2023
	व्यक्ति क्षेत्र, उपयोगिता विश्लेषण	18/07/2023
	कर्मवाचक - गणनावाचक एपिक्रोन	19/07/2023
		20/07/2023
		21/07/2023
		22/07/2023
		24/07/2023
		25/07/2023
		26/07/2023
		27/07/2023
		28/07/2023
		29/07/2023
		31/07/2023

WORK DONE DURING THE DAY	REMARK
<u>Joining</u>	
कक्षा में पाठ्यक्रम के बारे में बताया गया	
अर्थशास्त्र का अर्थ एवं परिभाषाओं के साथ	
<u>द्वितीय अवकाश</u>	
अर्थशास्त्र की अवधि खी लया-	
अर्थशास्त्र का अर्थ, अर्थशास्त्र का विभाग के लया-	
अर्थशास्त्र के क्षेत्रों की लया-	
अर्थशास्त्र - वास्तविक एवं आर्थशास्त्र विभाग के लया-	
अर्थशास्त्र कला के लया के लया-	
उपयोगिता का अर्थ एवं परिभाषाओं के लया-	
उपयोगिता की भाष - गणनावाचक एपिक्रोन	
कर्मवाचक एपिक्रोन से उपयोगिता की भाष-	
उपयोगिता विश्लेषण के लया-	
उपयोगिता के क्षेत्र के लया-	
<u>गोहरिम अवकाश</u>	
सीमांत उपयोगिता एवं कुल उपयोगिता के लया-	

कुल कार्य दिवस 15 अवकाश 02 सम्पादित कार्य दिवस 13


हस्ताक्षर प्राध्यापक

Dr. नील
हस्ताक्षर प्राध्यापक
श्रीमती सुश्रीमती माता. पद्मविद्यालय
सातवाहा
जिला-शेरा. पुन-गंवाई 19.07.23

Month जुलाई 2023

Subject अर्थशास्त्र

Class B.A. III

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		13/07/2023
		14/07/2023
	प्रथम प्रश्न पत्र - विकास एवं	15/07/2023
	पर्यावरणीय असंतुति	17/07/2023
	इकाई - I	18/07/2023
	आर्थिक विकास एवं असंतुति	19/07/2023
	आर्थिक विकास के प्रकार - बालेव	20/07/2023
	विकास - विद्यमान एवं अल्पविकसित	21/07/2023
	अर्थव्यवस्था	22/07/2023
		24/07/2023
		25/07/2023
		26/07/2023
		27/07/2023
		28/07/2023
		29/07/2023
		31/07/2023

WORK DONE DURING THE DAY	REMARK
Joining	
निरंक	
निरंक	
<u>परिचाली अवकाश</u>	
निरंक	
निरंक	
निरंक	
कक्षा में पाठ्यक्रम सार्वजनिक जानकारी दी गई	
आर्थिक विकास एवं विकास के अवकाशों के विषय	
आर्थिक विकास के प्रकारों के बारे में कार्य किया	
म. प्र. एवं विकास के विकास के आर्थिक विकास के विषय	
आर्थिक विकास एवं आर्थिक विकास के अंतर	
विकास के अवकाशों के विषय में कार्य किया	
<u>सोशल अवकाश</u>	
अर्थव्यवस्था के विकास के विषय	

कुल कार्य दिवस 08 अवकाश 01 सम्पादित कार्य दिवस 07

प्रकाशित - आर. विद्यार्थी संघ
अध्यक्ष - डॉ. ए.के. शर्मा

02/8
हस्ताक्षर प्राचार्य

for नील
हस्ताक्षर प्राचार्य
श्री सुभाषी शर्मा, महाविद्यालय
सालेदार
पिता-श्री. - सु. - रा. - रा. - रा.

Month

जुलाई 2023

Subject

पर्यावरण अध्ययन

S. NO.

WORK PROPOSED FOR THE MONTH

DATE

13/07/2023

14/07/2023

15/07/2023

17/07/2023

18/07/2023

19/07/2023

20/07/2023

21/07/2023

22/07/2023

24/07/2023

25/07/2023

26/07/2023

27/07/2023

28/07/2023

29/07/2023

31/07/2023

पर्यावरण अध्ययन

इकाई - I

पर्यावरण अध्ययन की व्यवस्थापकी प्रकृति

पर्यावरण क्षेत्र, प्राकृतिक संसाधन

नवीकरणीय ऊर्जा स्रोत - नवीकरणीय

वृक्ष संसाधन का उपयोग, दोहन

वनो की कटाई, इमारती लकड़ी का उपयोग

Class B.A.I

WORK DONE DURING THE DAY

REMARK

Joining

कक्षा में शुरुआत के कार में लेताया गया

पर्यावरण की व्यवस्थापकी प्रकृति की अवधारणा

पर्यावरण अध्ययन व्यवस्थापकी प्रकृति परियोजना

पर्यावरण क्षेत्र को मिला के व्यवस्थापकी

मानव जीवन में पर्यावरण का महत्व की व्याख्या

प्राकृतिक संसाधनों की व्याख्या

नवीकरणीय संसाधनों का अर्थ एवं व्याख्या

सौर-नवीकरणीय संसाधनों का अर्थ एवं व्याख्या

वन संसाधन का अर्थ एवं व्याख्या

वन संसाधनों का उपयोग

वन संसाधनों के दोहन की व्याख्या

वनो के उपयोग के अर्थ एवं कटाई की व्याख्या

वनो की कटाई से को के प्राकृतिक संसाधनों का उपयोग

कुल कार्य दिवस

15

अवकाश

02

सम्पादित कार्य दिवस

13

शिक्षक
प्रकाशचंद्रिका, माध्यमिक विद्यालय
सहायक शिक्षक
अवकाश- 02-07-2023

हस्ताक्षर प्राध्यापक

हस्ताक्षर प्राध्यापक
श्रीवादी
श्रीवादी शा. महाविद्यालय
सहायक प्राध्यापक
जिला-मेरा. पुर्व-बाँझी (म.प्र.)

शासकीय नवीन महाविद्यालय
सांल्हेवास

2023-2024...

TEACHER'S DIARY

Subject CHEMISTRY

Name of Teacher VED PRAKASH SINGH

Month July

Subject Chemistry

Class B.Sc. 1st year

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		29/07/2023
	Unit - VI (Paper - II)	
	Solid State Chemistry - Nature of solid	24/07/2023
	State laws of constancy of interfacial	25/07/2023
	angles, laws of Unifacial Indices, Miller	26/07/2023
	indices, Elementary ideas of symm.	27/07/2023
	Symmetry Elements, Sym. operations, 7	28/07/2023
	Crystal sys., 14 Bravais lattices,	21/07/2023
	X-ray diffraction, Bragg's law, a simple	
	account of rotating crystal method	
	& powder pattern method Crystal defect	

WORK DONE DURING THE DAY	REMARK
	Joining date
Introduction of states - solid, liq. & gas	
detailed description about solid interfacial	
laws, sym. elements, miller indices, ^{nth}	
7 crystal sys., 14 Bravais lattice.	29/07/2023
X-ray diffraction, Bragg's law.	- Moharram Holiday
a simple account of rotating crystal	
method & powder pattern method	
Crystal defects.	

प्रकार दिवस 06 अवकाश 01 सम्पादित कार्य दिवस 06

Deel
हस्ताक्षर प्राध्यापक

Principal
Rani Durgavati Govt. College
D.D. - K.C.G. (C.G.)

Month July

Subject Chemistry

Class B.Sc. II year

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		22/07/2023
	Paper - II - Organic Chemistry	24/07/2023
	Unit - II - Alcohols: Nomenclature, preparation	25/07/2023
	properties & relative reactivity of 1°, 2°, 3° - OH	26/07/2023
	Bouveault - Blanc reduction, the	27/07/2023
	preparation of alcohols. Dihydric alcohols	28/07/2023
	methods of formation, chemical reactions	31/07/2023
	of vicinal glycols, oxidative cleavage	
	[CrCl ₂ (OAc) ₂ & HIO ₄] & pinacol -	
	pinacolone rearrangement.	
	Trihydric Alcohols - Nomenclature,	
	methods of formation, chemical	
	reactions of glycerols.	

WORK DONE DURING THE DAY	REMARK
	Joining Date
Nomenclature, preparation, properties	
relative reactivity 1°, 2°, 3° - OH.	
Bouveault - Blanc reduction explained	
Discussed about preparat ⁿ of dihydric - OH	29/07/2023
Reactions & oxidative cleavage.	- Moharram Holiday
Pinacol - Pinacolone rearrangement	
Trihydric - Alcohols - methods of formation	

हल कार्य दिवस 06 अवकाश दिवस 01 सम्पादित कार्य दिवस 06

Devi
हस्ताक्षर प्राध्यापक

Devi
हस्ताक्षर प्राध्यापक
Principal
Rani Durgavati Govt. Coll.
Salibewara
Dist. - K.C.G. (C.G.)

Month July

DATE 22/07/2023

S. NO	WORK PROPOSED FOR THE MONTH	DATE
	<u>Carbohydrates Unit - III</u>	
	<u>(Organic chemistry)</u>	<u>24/07/2023</u>
	<u>Occurrence, classification & their biological importance. Monosaccharides relative & absolute configuration of glucose & fructose epimer & anomers, mutarotation, determination of ring size of glucose & fructose. Haworth projections & conformational structures. Interconversions of Aldoses & ketoses Killiani Fischer, synthesis & Ruff degradation. Disaccharides - structural comparison of maltose, lactose & sucrose. Polysaccharides - elementary treatment of starch & cellulose.</u>	<u>25/07/2023</u> <u>26/07/2023</u> <u>27/07/2023</u> <u>28/07/2023</u> <u>31/07/2023</u>

WORK DONE DURING THE DAY

REMARK

Discussed about occurrence, classification & their biological importance. Monosaccharides relative & Absolute configuration of Glucose & Fructose. Discussion about epimer & anomers. Mutarotation, determination of ring size of glucose & fructose. Haworth projections & conformational structures. Interconversions of Aldose & ketose Killiani Fischer synthesis & Ruff degradation. Disaccharides structural comparison of maltose, lactose & sucrose. Polysaccharide elementary treatment of starch & cellulose.

Joining Date

29/07/2023
Moharram
Holiday

कुल कार्य दिवस 06 अवकाश 01 सम्पादित कार्य दिवस 06

Principal
Raj Durgavati Govt. College
Sainikpura
Indore - 462002 (M.P.)

Red
हस्ताक्षर प्राध्यापक

for Red
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Raj Durgavati Govt. College
Sainikpura
Dist. - K.C.G. (C.G.)

Month August

Subject Chemistry

Class B.Sc. Ist

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	Unit - I	01/08/2023
	Atomic Structure - Bohr's theory	02/08/2023
	& its Limitation. General idea of	03/08/23
	De-Broglie matter waves, Heisenberg	04/08/23
	uncertainty principle, Schrodinger's	05/08/23
	wave equation. Significance of ψ & ψ^2	07/08/23
	Radial & Angular wave functions.	08/08/23
	Probability distribution curve.	09/08/23
	Quantum numbers, Antinodes	10/08/23
	Atomic orbital & shapes of	11/08/23
	s, p, d orbital, Aufbau & Pauli	12/08/23
	Exclusion principles, Hund's	14/08/23
	multiplicity rule, Electronic	15/08/23
	Configuration of the Elements	16/08/23
	Periodic Properties: Detailed discussion	17/08/23
	of the following periodic properties	18/08/23
	of the element with reference	19/08/23
	to s & p-block. Trends in	21/08/23
	periodic table & applications in	22/08/23
	predicting & explaining & explaining	23/08/2023
	the chemical behaviour.	24/08/2023
	(a) Atomic & ionic radii	25/08/2023
	(b) Ionization enthalpy.	26/08/2023
	(c) Electronegativity, electron gain enthalpy	28/08/2023
	Pauling's & Mullikens, Alfred Rodaut	29/08/2023
	Scales.	31/08/2023

कुल कार्य दिवस 24 अवकाश 03 सम्पादित कार्य दिवस 24

Dr. K.C.G. (C.G.)
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31

WORK DONE DURING THE DAY	REMARK
Atomic Structure - Bohr's Theory, limitations	
De-Broglie's wave matter waves, Heisenberg	
Schrodinger's wave equation ^{in principle}	
Significance of ψ & ψ^2	
Radial & Angular wave functions.	
Probability & distribution curve	
Atomic Orbital & shapes of s, p, d, f	Post Holiday
Aufbau's principle, Pauli's principle	
Hund's multiplicity rule.	
Electronic Configuration of elements.	
General overview of elements, multiplicity rule.	Independence Day
Periodic properties: - Detailed discussion	
of the following periodic properties	
of the element with reference	
to s & p-block elements	
Periodicity & explained chemical behavior	
ionic radii, electronegativity	
Pauling, Mulliken, Alfred Rodaut scales, I. E.	
Mullikens scale	
Alfred Rodaut scale based questions	
electron gain enthalpy.	
General trends, reVISION	
Questions based on general properties.	Raksha Bandhan
General discussion effective nuclear charge	(30/08/2023)

Dr. Hस्ताक्षर प्राध्यापक

Dr. Anil Durgavati College
Rani Durgavati Govt. College
Salbawara
Dist. - K.C.G. (C.G.)

Month August

Subject Chemistry

Class B.Sc. 2nd year

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	<u>Unit - I.</u>	
(A)	<u>Thermodynamics - I</u>	01/08/2023
	Intensive & Extensive Variables;	02/08/2023
	State & path functions; Isolated	03/08/23
	closed & open system; 0 th law	04/08/23
	of thermodynamics; 1 st law.	05/08/23
	Concept of heat, work, internal	07/08/23
	Energy & statement of 1 st law.	08/08/23
	Concept of heat, work, internal	09/08/23
	energy & statement 1 st law	10/08/23
	Enthalpy, relation b/w heat	11/08/23
	capacities, calculations of q, w, U, H	12/08/23
	for reversible, irreversible &	13/08/23
	free expansion of gases under	14/08/23
	isothermal & adiabatic	15/08/23
	Conditions, Joule - Thomson Expansion	16/08/23
	Inversion temperature of gases,	17/08/23
	Expansion of ideal gases	18/08/23
	under isothermal & Adiabatic	19/08/23
	Condition.	21/08/23
(B)	<u>Thermochemistry :-</u>	22/08/23
	Thermochemistry - laws of thermoche-	23/08/23
	mistry, heats of reaction, standard states	24/08/23
	enthalpy of formation of molecules	25/08/23
	& ions & enthalpy of	26/08/23
	Combustion & it's applications.	28/08/23 & 31/08/23
	Kirchoff's eq ⁿ , Explosion Temperature.	

WORK DONE DURING THE DAY	REMARK
Intensive & Extensive variable state & path function	
Types of system, 0 th law & 1 st law of thermo.	
Concept of heat, work & internal Energy	
Capacities - Heat & their types.	
Numerical based on 1 st law & heat capacity	
Calculations of q, w, U, H for reversible.	
q, w, U, H for irreversible process	09-08-2023 Govt. Holiday
Free expansion of gases under isothermal	
Free Ex. of gases under adiabatic cond	
Joule - Thomson expansion, Inversion Temp	
Expansion of ideal gas under isother-	
mal & Adiabatic conditions	
Numerical based upon them.	15-08-2023 Independence Day
Importance of thermochemistry. Definition.	
Law of Thermochemistry, Heats of reaction	
standard states of enthalpy of	
formation of molecules	
Heat of Combustion & Enthalpy of	
Kirchoff's eq ⁿ & it's use.	
Numericals based upon Kirchoff's law.	Continued...
Explosion Temperature & Chapter revised.	

कुल कार्य दिवस 23 सम्पादित कार्य दिवस 24

वेद
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हस्ताक्षर प्राध्यापक

शासकीय नवीन महाविद्यालय
साहेबारा

20²³.....20²⁴.....

TEACHER'S DIARY

Subject: Sociology

Name of Teacher: Kedar Sahu

Month July 2023-24

Subject Sociology

Class P.A.P.S. EXAMS - Paper - III

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	<u>Paper - III</u>	<u>14/07/2023</u>
	<u>Social change in India</u>	<u>15/07/2023</u>
		<u>18/07/2023</u>
	<u>Unit - I</u>	<u>19/07/2023</u>
		<u>20/07/2023</u>
	<u>Conceptual and Theoretical Framework</u>	<u>21/07/2023</u>
		<u>22/07/2023</u>
	<u>(a) Concept</u>	<u>24/07/2023</u>
	<u>(b) Forms</u>	<u>25/07/2023</u>
	<u>(c) Linear Theory</u>	<u>26/07/2023</u>
	<u>(d) Cyclic Theory</u>	<u>27/07/2023</u>
		<u>28/07/2023</u>
		<u>31/07/2023</u>

WORK DONE DURING THE DAY	REMARK
पाठ्यक्रम का प्रारंभिक जानकारी	
सामाजिक परिवर्तन : अवधारणा , अर्थ , परिभाषा	
सामाजिक परिवर्तन की विशेषताएँ (प्रकृति)	
सामाजिक परिवर्तन के प्रकार , उद्विकास , प्रगति , विकास	
उद्विकास की विशेषताएँ	
— " —	
डार्विन का उद्विज्जलीय सिद्धांत , सामाजिक उद्विज्जलीय	
समाज एवं संस्कृति का उद्विज्जलीय	
— " —	
आर्थिक जीवन का उद्विज्जलीय	
पारिवारिक जीवन का उद्विज्जलीय	
सामाजिक उद्विज्जलीय की वास्तविकता (व्यमलोचना)	
— " —	

कुल कार्य दिवस 15 अवकाश 02 सम्पादित कार्य दिवस 13

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हस्ताक्षर प्राध्यापक

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Dist. - K.C.G. (C.G.)

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	Paper - IV	
	Rural sociology	14/07/2023
	Unit - I	15/07/2023
	Unit - I	18/07/2023
	Characteristics and Approaches	19/07/2023
	Characteristics and Approaches	20/07/2023
	Characteristics and Approaches	21/07/2023
	Characteristics and Approaches	22/07/2023
	Characteristics and Approaches	24/07/2023
	Characteristics and Approaches	25/07/2023
	Characteristics and Approaches	26/07/2023
	Characteristics and Approaches	27/07/2023
	Characteristics and Approaches	28/07/2023
	Characteristics and Approaches	31/07/2023

WORK DONE DURING THE DAY	REMARK
कृषि अथवा कृषक समाज : अवधारणा एवं विशेषताएँ	
कृषि एवं कृषक वर्ग का अर्थ	
कृषि समाज की विशेषताएँ	
भारत में कृषि समाज की अवधारणा	
कृषक समाज : अर्थ, कृषक समाज में वर्ग	
व्यावसायिक संरचना - कृषक समाज की विशेषताएँ	
जाति और जजमानी उपागम या इष्टिकेण	
जाति के उत्पत्ति के सिद्धांत	
जाति की विशेषताएँ	

Month ^{July} August - 2023-24

Subject Sociology

Class B.A. I Year

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	Paper - I	14/07/2023
	Introduction to sociology	15/07/2023
		18/07/2023
	Unit - I	19/07/2023
		20/07/2023
	Sociology - Meaning, Nature, scope, Subject matter and significance	21/07/2023
		22/07/2023
		24/07/2023
		25/07/2023
		26/07/2023
		27/07/2023
		28/07/2023
		31/07/2023

WORK DONE DURING THE DAY	REMARK
समाजशास्त्र का प्रारंभिक जानकारी - उद्भव, उद्गम	
समाजशास्त्रीय अर्थ एवं समाजशास्त्रीय परिप्रेक्ष्य	
समाजशास्त्रीय परिप्रेक्ष्य	
समाजशास्त्र की प्रकृति	
विशाल की मुख्य विशेषताएं	
समाजशास्त्र की प्रकृति वैज्ञानिक है	
समाजशास्त्र की वैज्ञानिक प्रकृति पर आपत्तियां और मूल्यंकन	
समाजशास्त्र एक अमूर्त सामाजिक विज्ञान है	
समाजशास्त्र का क्षेत्र एवं महत्व - समाजशास्त्र का क्षेत्र	
स्वरूपात्मक एवं समत्व्यात्मक साधनप्रकाश	
समाजशास्त्र का महत्व	
- II -	
भारत में समाजशास्त्र का महत्व	

कुल कार्य दिवस 15 अवकाश 02 सम्पादित कार्य दिवस 13

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Salbewara
Dist. - K.C.G. (C.C)