



ST. LAWRENCE HIGH SCHOOL

JESUIT CHRISTIAN MINORITY INSTITUTION
Syllabus planning for the academic year 2020

Subject: LIFE SCIENCE
No. of working days: 88

TERM: FIRST TERM
No. of periods available: 25

TEACHER'S NAMES: MANJAREE GUHA, DEBJANI CHAKRABORTY
CLASS: 8 SECTION: A,B,C,D

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
JANUARY	8	CHAPTER 1: TRANSPORT IN PLANTS PAMPHLET: CELL, CELL THEORY, CELL MEMBRANE	<ul style="list-style-type: none"> DIFFUSION, OSMOSIS, ACTIVE TRANSPORT, VASCULAR SYSTEM OF PLANTS, TRANSPORT OF WATER & MINERALS, MINERAL REQUIREMENTS OF PLANTS 	MULTIPLE CHOICE QUESTIONS FILL IN THE BLANKS MATCH THE FOLLOWING	EXPLANATION OF XYLEM & PHLOEM, TRANSPIRATION & DISCUSSION OF LONG ANSWER TYPE QUESTIONS
FEBRUARY	10	CHAPTER 2: REPRODUCTION IN PLANTS AND ANIMALS CHAPTER 6: THE ENDOCRINE SYSTEM PAMPHLET: CELL WALL, NUCLEUS, DNA	<ul style="list-style-type: none"> ASEXUAL & SEXUAL REPRODUCTION IN PLANTS AND ITS TYPES, POLLINATION, FERTILISATION, SEXUAL REPRODUCTION IN ANIMALS TYPES OF GLANDS, DIFFERENT TYPES AND THEIR FUNCTIONS. 	MULTIPLE CHOICE QUESTIONS FILL IN THE BLANKS MATCH THE FOLLOWING	EXPLANATION OF TYPES OF REPRODUCTION & DISCUSSION OF THE CONCEPT OF POLLINATION & FERTILISATION
MARCH	4	CHAPTER 6: THE ENDOCRINE SYSTEM (CONTD.)	<ul style="list-style-type: none"> ADOLESCENCE 	MULTIPLE CHOICE QUESTIONS FILL IN THE BLANKS MATCH THE FOLLOWING	DISCUSSION OF THE STREE MANAGEMENT DURING ADOLESCENCE
APRIL	3 First Term Examination Begins on 15.04.2020	REVISION <u>1ST TERM SYLLABUS</u> : CHAPTER 1: TRANSPORT IN PLANTS, CHAPTER 2: REPRODUCTION IN PLANTS AND ANIMALS CHAPTER 6: THE ENDOCRINE SYSTEM PAMPHLET: CELL, CELL THEORY, CELL MEMBRANE, CELL WALL, NUCLEUS, DNA	ENTIRE SYLLABUS OF FIRST TERM CHAPTER 1: TRANSPORT IN PLANTS, CHAPTER 2: REPRODUCTION IN PLANTS AND ANIMALS CHAPTER 6: THE ENDOCRINE SYSTEM PAMPHLET: CELL, CELL THEORY, CELL MEMBRANE, CELL WALL, NUCLEUS, DNA	MULTIPLE CHOICE QUESTIONS FILL IN THE BLANKS MATCH THE FOLLOWING	REVISION

Teachers are requested to prepare a LESSON PLAN for each Topic to be taught. The Lesson plans are to be submitted along with the monthly planner.

Submitted on: 27.01.20

Signature of Teachers:

Manjaree Guha
27.01.2020

Debjani Chakraborty
27.01.2020

Academic Co-ordinator

Manjaree Guha

PRINCIPAL

VICE-PRINCIPAL

Debjani Chakraborty



ST. LAWRENCE HIGH SCHOOL

JESUIT CHRISTIAN MINORITY INSTITUTION
Syllabus planning for the academic year 2020

Subject: LIFE SCIENCE
No. of working days: 70

TERM: SECOND TERM
No. of periods available: 26

CLASS: 8

TEACHER'S NAMES: MANJAREE GUHA, DEBJANI CHAKRABORTY
SECTION: A,B,C,D

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
MAY	4	CHAPTER 3:ECOSYSTEM PAMPHLET:MITOCHONDRIA,GOLGI BODIES,ENDOPLASMIC RETICULUM	COMPONENTS & TYPES OF ECOSYSTEM,INTERACTIONS BETWEEN COMPONENTS,PYRAMIDS,FOREST ECOSYSTEM	MULTIPLE CHOICE QUESTIONS FILL IN THE BLANKS MATCH THE FOLLOWING	EXPLANATION OF COMPONENTS AND TYPES OF ECOSYSTEM,ABIOTIC & BIOTIC FACTORS & DISCUSSION OF LONG ANSWER TYPE QUESTIONS
JUNE	6	CHAPTER 3:ECOSYSTEM(CONTD.) CHAPTER 4:THE CIRCULATORY SYSTEM PAMPHLET:VACUOLES,PLASTIDS,RIBOSOMES	<ul style="list-style-type: none"> FOREST ECOSYSTEM THE BLOOD VASCULAR SYSTEM,BLOOD GROUPS,STRUCTURE & DOUBLES CIRCULATION IN HEART,ABNORMAL HEART CONDITIONS 	MULTIPLE CHOICE QUESTIONS FILL IN THE BLANKS MATCH THE FOLLOWING	EXPLANATION OF NECESSITY OF CIRCULATION OF BLOOD & DISCUSSION OF THE CONCEPT OF STRUCTURE & FUNCTION OF HEART
JULY	11	CHAPTER 4:THE CIRCULATORY SYSTEM (CONTD.) CHAPTER 5:THE NERVOUS SYSTEM PAMPHLET:LYSOSOME,CENTROSOMES,DIFFERENCE BETWEEN MITOSIS AND MEIOSIS.	<ul style="list-style-type: none"> LYMPHATIC SYSTEM STRUCTURE & FUNCTION OF NEURON,STRUCTURAL PARTS OF BRAIN,THE PERIPHERAL NERVOUS SYSTEM 	MULTIPLE CHOICE QUESTIONS FILL IN THE BLANKS MATCH THE FOLLOWING	DISCUSSION OF HOW NERVOUS SYSTEM WORKS BY CO-ORDINATION WITH OTHER BODY PARTS,PARTS OF BRAIN & THEIR FUNCTION
AUGUST	5 Second Term Examination begins on 03.08.2020	CHAPTER 5:THE NERVOUS SYSTEM (CONTD.),REVISION <u>2ND TERM SYLLABUS:</u> CHAPTER 3:ECOSYSTEM CHAPTER 4:THE CIRCULATORY SYSTEM CHAPTER 5:THE NERVOUS SYSTEM CHAPTER 1: TRANSPORT IN PLANTS(REVISION CHAPTER) PAMPHLET: MITOCHONDRIA,GOLGI BODIES,ENDOPLASMIC RETICULUM, VACUOLES,PLASTIDS,RIBOSOMES, LYSOSOME,CENTROSOMES,DIFFERENCE BETWEEN MITOSIS AND MEIOSIS.	<ul style="list-style-type: none"> REFLEX ACTION ENTIRE SYLLABUS OF SECOND TERM CHAPTER 3:ECOSYSTEM CHAPTER 4:THE CIRCULATORY SYSTEM CHAPTER 5:THE NERVOUS SYSTEM CHAPTER 1: TRANSPORT IN PLANTS(REVISION CHAPTER) PAMPHLET:MITOCHONDRIA,GOLGI BODIES,ENDOPLASMIC RETICULUM, VACUOLES,PLASTIDS,RIBOSOMES, LYSOSOME,CENTROSOMES,DIFFERENCE BETWEEN MITOSIS AND MEIOSIS.	MULTIPLE CHOICE QUESTIONS FILL IN THE BLANKS MATCH THE FOLLOWING	REVISION

Teachers are requested to prepare a LESSON PLAN for each Topic to be taught. The Lesson plans are to be submitted along with the monthly planner.

Submitted on: 27.01.20

Signature of Teachers:



 27.01.2020 27.01.2020

Academic Co-ordinator

PRINCIPAL

VICE-PRINCIPAL



ST. LAWRENCE HIGH SCHOOL

JESUIT CHRISTIAN MINORITY INSTITUTION
Syllabus planning for the academic year 2020



Subject: LIFE SCIENCE
No. of working days: 76

TERM: THIRD TERM
No. of periods available: 20

CLASS: 8

TEACHER'S NAMES: MANJAREE GUHA, DEBJANI CHAKRABORTY
SECTION: A,B,C,D

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
SEPTEMBER	10	CHAPTER 7: HEALTH & HYGIENE CHAPTER 8: FOOD PRODUCTION PAMPHLET: CELL ORGANIZATION, DIFFERENCE BETWEEN PLANT & ANIMAL TISSUE	<ul style="list-style-type: none"> DIFFERENCE BETWEEN COMMUNICABLE & NON-COMMUNICABLE DISEASES, TRANSMISSION OF DISEASES, IMMUNISATION, HARMFUL HABITS, FIRST AID TYPES OF CROPS, HORTICULTURE, GREEN REVOLUTION, ANIMAL REARING, SERICULTURE, APICULTURE 	MULTIPLE CHOICE QUESTIONS FILL IN THE BLANKS MATCH THE FOLLOWING	EXPLANATION OF TYPES OF DISEASES, PRACTICAL APPLICATION OF MAINTAINING GOOD HYGIENE & DISCUSSION OF LONG ANSWER TYPE QUESTIONS
OCTOBER	6	CHAPTER 8: FOOD PRODUCTION (CONTD.) PAMPHLET: CLASSIFICATION OF PLANT & ANIMAL TISSUES, GLOSSARY	ORGANIC FARMING, USEFUL MICROORGANISMS	MULTIPLE CHOICE QUESTIONS FILL IN THE BLANKS MATCH THE FOLLOWING	EXPLANATION OF APPLICATIONS AND SCIENTIFIC TECHNIQUES OF FARMING & DISCUSSION OF THE LONG ANSWER TYPE QUESTIONS
NOVEMBER	4 Third Term Examination begins on 18.11.2020	REVISION THIRD TERM SYLLABUS: CHAPTER 7: HEALTH & HYGIENE CHAPTER 8: FOOD PRODUCTION, CHAPTER 4: THE CIRCULATORY SYSTEM CHAPTER 6: THE ENDOCRINE SYSTEM PAMPHLET: CELL ORGANIZATION, DIFFERENCE BETWEEN PLANT & ANIMAL TISSUE, CLASSIFICATION OF PLANT & ANIMAL TISSUES, GLOSSARY	ENTIRE SYLLABUS OF THIRD TERM EXAMINATION CHAPTER 7: HEALTH & HYGIENE CHAPTER 8: FOOD PRODUCTION, CHAPTER 4: THE CIRCULATORY SYSTEM CHAPTER 6: THE ENDOCRINE SYSTEM PAMPHLET: CELL ORGANIZATION, DIFFERENCE BETWEEN PLANT & ANIMAL TISSUE, CLASSIFICATION OF PLANT & ANIMAL TISSUES, GLOSSARY	MULTIPLE CHOICE QUESTIONS FILL IN THE BLANKS MATCH THE FOLLOWING	DISCUSSION OF BASIC CONCEPTS ON THE TOPICS COVERED
DECEMBER					

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Submitted on: 27.01.20

Signature of Teachers:

Manjaree Guha 27.01.2020 *Debjani Chakraborty* 27.01.2020

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