**AIR FORCE SCHOOL, BAMRAULI**

**ACADEMIC SESSION - 2019-20**

**MONTHLY SPLIT-UP OF SYLLABUS**

**CLASS- XII SUB-BIOLOGY**

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| SL NO | MONTH | CHAPTER/UNIT LESSION | TOPIC/SUB TOPIC |
| 1 | APR | 1,2,3 | REPRODUCTION IN ORGANISMS, SEXUAL REPRODUCTION IN FLOWERING PLANTS POLLINATION,FERTILISATION EMBRYONIC DEVELOPMENT  |
| 2 | MAY | 3,4 | HUMAN REPRODUCTION REPRODUCTIVE SYSTEM GAMETOGENESIS, MENSTRUAL CYCLE FERTILISATION AND EMBRYONIC DEVELOPMENT REPRODUCTIVE HEALTH, BIRTH CONTROL |
| 3 | JUN | 4,5 | SEXUALLY TRANSMITTED DISEASES, PRINCIPLES OF INHERITANCE MANDELION LAW  |
| 4 | JUL | 5,6,7 | SEX DETERMINATION GENETIC DISORDERS, MOLECULAR BASIS OF INHERITANCE DNA RNA, GENETIC CODE, GENE EXPRESSION DNA FINGERPRINTTING ORIGIN OF LIFE AND EVIDENCES OF EVOLUTION THEORIES OF EVOLUTION AND EXAMPLES |
| 5 | AUG | 8,9 | HUMAN HEALTH AND DISEASE, COMMON DISEASE IMMUNITY AIDS AND CANCER,DRUG ADOLESCENCE AND ALCOHOL ABUSE STRATEGIES FOR ENHANCEMENT IN FOOD PRODUCTION  |
| 6 | SEP | 10,11,12 | MICROBES IN HUMAN WELFARE, HOUSE HOLD INDUSTRIAL PRODUCTS SEWAGE TREATMENT IN PRODUCTION OF BIOGAS, BIOCONTROL AND BIO FERTILIZERS. BIOTECHNOLOGY PRINCIPLES AND PROCESSES REVISION OF MICROBES IN HUMAN WELFARE.  |
| 7 | OCT | 13,14, | BIOTECHNOLOGY CLONING, VECTOR DNA TECHNOLOGY, APPLICATION OF BIOTECH BT COTTON AGRO BACTERIUM GMO PLANT PATENT. ORGANISMS AND ENVIRONMENT, HABITAT ADAPTATION POPULATION FOOD CHAIN, WEB, PYRAMIDS. |
| 8 | NOV | 15,16 | BIODIVERSITY AND CONSERVATION BIOSPERE HOT SPOTS, GENETIC AND SPECIES DIVERSITY, POLLUTION AND ITS TYPE, GREEN HOUSE EFFECT AND OZONE DEPLETION ENVIRONMENTAL ISSUES. CAUSES OF POLLUTION AND THEIR CONTROL BIOMAGNIFICATION AND EUTROFICATION AND OTHER EFFECTS |
| 9 | DEC |  | PRACTICE PAPER |