

ASD GOVERNMENT COLLEGE FOR WOMEN (AUTONOMOUS)

DEPARTMENT OF ZOOLOGY & AQUACULTURE TECHNOLOGY

I B.Sc ZOOLOGY PAPER-I **ACADEMIC PLAN 2020-21**

I SEMESTER

<b>MONTH</b>	<b>TOPIC COVERED</b>
FEBRUARY'21	UNIT I : Introduction & protozoa
MARCH'21	UNIT II : Porifera , Coelenterata & Ctenophora
APRIL'21	UNIT III: Platyhelminthes & Nematelminthes
MAY'21	UNIT IV :Annelida& Arthropoda
JUNE'21	UNIT V: Mollusca , Echinodermata & hemichordata

I B.Sc ZOOLOGY PAPER-II ACADEMIC PLAN 2020-21

II SEMESTER

<b>MONTH</b>	<b>TOPIC COVERED</b>
JUNE'21	UNIT I : Protochordata & urochordata
JULY'21	UNIT II : Cyclostomata & pisces
AUGUST '21	UNIT III : Amphibians & reptiles
SEPTEMBER '21	UNIT IV : Aves
OCTOBER '21	UNIT II : Mammals

II B.Sc ZOOLOGY PAPER-IIIACADEMIC PLAN 2020-21

III SEMESTER

<b>MONTH</b>	<b>TOPIC COVERED</b>
OCTOBER '20	UNIT I : Cell biology I
NOVEMBER'20	UNIT II : Cell biology II
DECEMBER '20	UNIT III : Genetics I
JANUARY '21	UNIT IV : Genetics II
FEBRUARY '21	UNIT V : Evolution

IIB.Sc ZOOLOGY PAPER-IV ACADEMIC PLAN 2020-21

IV SEMESTER

<b>MONTH</b>	<b>TOPIC COVERED</b>
APRIL'21	Developmental biology & embryology
MAY'21	Physiology -I
JUNE'21	Physiology - II
JULY'21	Ecology -I
AUGUST'21	Ecology –II & Zoogeography

III B.Sc ZOOLOGY PAPER- V & VI ACADEMIC PLAN 2020-21

V SEMESTER

MONTH	TOPIC COVERED
OCTOBER'20	Paper V : Tools of recombinant technology Paper VI : Introduction to poultry farming
NOVEMBER'20	Paper V :Techniques of r DNA technology Paper VI: Poultry feed management
DECEMBER '20	Paper V: Animal cell technology Paper VI : Selection , care & handling of hatching eggs
JANUARY '21	Paper V: Reproductive technologies & transgenic animals Paper VI: Breeds of dairy cattle & buffaloes
FEBRUARY'21	Paper V: Applied biotechnology Paper VI: Care & management of animals

III B.Sc ZOOLOGY PAPER-VII (A) & VIII -B 1,2 & 3 ACADEMIC PLAN 2020-21

VI SEMESTER

MONTH	TOPIC COVERED
APRIL'21	Paper : VII (A) UNIT I - immune system , cells & organs of immune system Paper : VIII – B -1 : Basics of aquaculture Paper : VIII- B -2 : breeding & hatchery management Paper : VIII- B -3: handling & principles of fish preservation
MAY'21	Paper : VII (A) UNIT II : Antigens Paper : VIII – B -1 : types of aquaculture Paper : VIII- B -2 : water quality management Paper : VIII- B -3: methods of fish preservation
JUNE'21	Paper : VII (A) UNIT III : Antibodies Paper : VIII – B -1 : design & construction of aquafarms Paper : VIII- B -2 : feed management Paper : VIII- B -3: fish products & by-products
JULY'21	Paper : VII (A) UNIT IV : Working of immune system Paper : VIII – B -1 : management of carp culture ponds Paper : VIII- B -2 :disease management Paper : VIII- B -3: sanitation & quality control
AUGUST'21	Paper : VII (A) UNIT V :Health & disease , vaccines Paper : VIII – B -1 : culture shrimp Paper : VIII- B -2 : economics ,marketing , fisheries extension & fish genetics Paper : VIII- B -3: quality assurance , management &certification