

DEPARTMENT OF ANIMAL SCIENCES, SEMESTER – Ist ZOOLOGY
Assignment Schedule (COURSE CODE: ZOO-CC-101/ ZOO-CC-102)

Roll No.	Topic	Mentor
1.	Adaptive features of phylum Protozoa	Prof. M.N. Azim
2.	Functional anatomy and mode of life of Plasmodium	Dr. Ibraq Khurshid
3.	Evolution of coelom	Mr. Irfan Ahmed
4.	Structure of cell membrane	Dr. Saleem Mushtaq
5.	Filter feeding in polychaetes	Dr. Irshad Ahmad
6.	Role of ER in protein trafficking	Prof. M.N. Azim
7.	Canal system in Porifera	Dr. Ibraq Khurshid
8.	Metamerism and excretion in Annelids	Mr. Irfan Ahmed
9.	Dynamic nature of cell membrane	Dr. Saleem Mushtaq
10.	Structure and function of gills, trachea and book lungs	Dr. Irshad Ahmad
11.	Role of golgi complex in protein secretion	Prof. M.N. Azim
12.	Polymorphism in coelenterates	Dr. Ibraq Khurshid
13.	Regulation of cell cycle	Mr. Irfan Ahmed
14.	Types of cell receptors	Dr. Saleem Mushtaq
15.	Structure and function of microtubules	Dr. Irshad Ahmad
16.	Distinctive and adaptive features of phylum Arthropoda	Prof. M.N. Azim
17.	Ctenophora – Organization and evolutionary significance	Dr. Ibraq Khurshid
18.	Torsion and detorsion in gastropods	Mr. Irfan Ahmed
19.	Cell membrane permeability	Dr. Saleem Mushtaq
20.	Cell matrix interactions	Dr. Irshad Ahmad
21.	Ribosomes – Structure and function	Prof. M.N. Azim
22.	Life cycle and pathogenicity of <i>W. bancrofti</i>	Dr. Ibraq Khurshid
23.	Mechanism of hormone action	Mr. Irfan Ahmed
24.	Role of second messengers in signaling and signal transduction	Dr. Saleem Mushtaq
25.	Protonephridia and metanephridia – Structure and function	Dr. Irshad Ahmad
26.	Water vascular system in Asterozoa	Prof. M.N. Azim
27.	<i>Taenia solium</i> – Life cycle and pathogenicity	Dr. Ibraq Khurshid
28.	Regulation of cell cycle	Mr. Irfan Ahmed
29.	Types of cell receptors	Dr. Saleem Mushtaq
30.	Structure and function of microtubules	Dr. Irshad Ahmad
31.	Distinctive and adaptive features of phylum Arthropoda	Prof. M.N. Azim
32.	Ctenophora – Organization and evolutionary significance	Dr. Ibraq Khurshid
33.	Torsion and detorsion in gastropods	Mr. Irfan Ahmed
34.	Cell membrane permeability	Dr. Saleem Mushtaq
35.	Cell matrix interactions	Dr. Irshad Ahmad
36.	Ribosomes – Structure and function	Prof. M.N. Azim
37.	Life cycle and pathogenicity of <i>W. bancrofti</i>	Dr. Ibraq Khurshid

Note: Last date for submission of assignments is **22nd October 2018**

Head
Department of Animal Sciences
Central University of Kashmir

DEPARTMENT OF ANIMAL SCIENCES, SEMESTER – Ist Biotechnology
Assignment Schedule (COURSE CODE: ZOO-CC-102)

Roll No.	Topic	Mentor
1.	Adaptive features of phylum Protozoa	Prof. M.N. Azim
2.	Functional anatomy and mode of life of Plasmodium	Dr. Ibraq Khurshid
3.	Evolution of coelom	Mr. Irfan Ahmed
4.	Filter feeding in polychaetes	Dr. Irshad Ahmad
5.	Platyhelminthes – Distinctive characters and classification	Prof. M.N. Azim
6.	Canal system in Porifera	Dr. Ibraq Khurshid
7.	Metamerism and excretion in Annelids	Mr. Irfan Ahmed
8.	Structure and function of gills, trachea and book lungs	Dr. Irshad Ahmad
9.	Adaptive features of phylum Mollusca	Prof. M.N. Azim
10.	Polymorphism in coelenterates	Dr. Ibraq Khurshid
11.	Larval forms of Echinodermata	Mr. Irfan Ahmed
12.	Types of circulatory system in non-chordates	Dr. Irshad Ahmad
13.	Distinctive and adaptive features of phylum Arthropoda	Prof. M.N. Azim
14.	Ctenophora – Organization and evolutionary significance	Dr. Ibraq Khurshid
15.	Torsion and detorsion in gastropods	Mr. Irfan Ahmed
16.	Types of circulatory system in non-chordates	Dr. Irshad Ahmad
17.	Classification of phylum Protozoa	Prof. M.N. Azim
18.	Life cycle and pathogenicity of <i>W. bancrofti</i>	Dr. Ibraq Khurshid
19.	Metamorphosis in insects	Mr. Irfan Ahmed
20.	Protonephridia and metanephridia – Structure and function	Dr. Irshad Ahmad
21.	Water vascular system in Asteroidea	Prof. M.N. Azim
22.	<i>Taenia solium</i> – Life cycle and pathogenicity	Dr. Ibraq Khurshid
23.	Onychophora – Distribution and evolutionary significance	Mr. Irfan Ahmed
24.	Parthenogenesis in non-chordates	Dr. Irshad Ahmad
25.	Adaptive features of phylum Annelida	Prof. M.N. Azim
26.	Ctenophora – Organization and evolutionary significance	Dr. Ibraq Khurshid
27.	Torsion and detorsion in gastropods	Mr. Irfan Ahmed
28.	Types of circulatory system in non-chordates	Dr. Irshad Ahmad
29.	Classification of phylum Protozoa	Prof. M.N. Azim
30.	Life cycle and pathogenicity of <i>W. bancrofti</i>	Dr. Ibraq Khurshid
31.	Metamorphosis in insects	Mr. Irfan Ahmed
32.	Protonephridia and metanephridia – Structure and function	Dr. Irshad Ahmad
33.	Water vascular system in Asteroidea	Prof. M.N. Azim
34.	<i>Taenia solium</i> – Life cycle and pathogenicity	Dr. Ibraq Khurshid
35.	Onychophora – Distribution and evolutionary significance	Mr. Irfan Ahmed
36.	Parthenogenesis in non-chordates	Dr. Irshad Ahmad
37.	Adaptive features of phylum Annelida	Prof. M.N. Azim

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DEPARTMENT OF ANIMAL SCIENCES, SEMESTER – IV ZOOLOGY

Assignment Schedule (COURSE CODE: ZOO-CC-401/ 402/ ZOO-SEC-401)

Roll No.	Topic	Mentor
1715CUKmr001	Social organization in honey bees	Prof. M.N. Azim
1715CUKmr002	Vitamin deficiencies	Prof. M.Z. Chishti
1715CUKmr003	General account of trout culture	Dr. Ibraq Khurshid
1715CUKmr004	Indigenous and exotic breeds of cows	Dr. Mohammad Lateef
1715CUKmr005	Pectoral girdles and forelimbs of tetrapods	Mr. Irfan Ahmed
1715CUKmr007	Spinal cord in Vertebrates	Dr. Saleem Mushtaq
1715CUKmr008	Measles and its control	Dr. Irshad Ahmad
1715CUKmr009	Life cycle and diseases of Mulberry silk moth	Prof. M.N. Azim
1715CUKmr013	AIDS	Prof. M.Z. Chishti
1715CUKmr014	Induced inbreeding in fish	Dr. Ibraq Khurshid
1715CUKmr015	Commercial importance of dairy and poultry farming	Dr. Mohammad Lateef
1715CUKmr018	Pelvic girdle and hind-limbs of tertapods	Mr. Irfan Ahmed
1715CUKmr020	Brain in Vertebrates	Dr. Saleem Mushtaq
1715CUKmr021	Polio and its control	Dr. Irshad Ahmad
1715CUKmr023	Insect pollinators	Prof. M.N. Azim
1715CUKmr024	Nutritional deficiencies	Prof. M.Z. Chishti
1715CUKmr025	Induced breeding in prawn	Dr. Ibraq Khurshid
1715CUKmr026	Diseases of ruminants	Dr. Mohammad Lateef
1715CUKmr027	<i>Trichuris</i> – pathogenesis and control	Mr. Irfan Ahmed
1715CUKmr028	Classification of receptors	Dr. Saleem Mushtaq
1715CUKmr031	Chikungunya and its control	Dr. Irshad Ahmad
1715CUKmr032	Life cycle and enemies of Lac insect	Prof. M.N. Azim
1715CUKmr033	Scope of public health and hygiene	Prof. M.Z. Chishti
1715CUKmr034	Fish diseases	Dr. Ibraq Khurshid
1715CUKmr035	Coronary heart disease	Dr. Mohammad Lateef
1715CUKmr036	<i>Fasciola hepatica</i> – pathogenesis and control	Mr. Irfan Ahmed
1715CUKmr037	Life cycle and control of Cabbage butterfly	Prof. M. N. Azim

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DEPARTMENT OF ANIMAL SCIENCES; SEMESTER – IV BIOTECHNOLOGY
Assignment Schedule (COURSE CODE: BTCH-GE-401/SEC-402)

Roll No.	Topic	Mentor
1716CUKmr003	Social organization in honey bees	Prof. M.N. Azim
1716CUKmr009	General account of trout culture	Dr. Ibraq Khurshid
1716CUKmr010	Indigenous breeds of cows	Dr. Mohammad Lateef
1716CUKmr011	<i>Echinococcus granulosus</i> – pathogenesis and control	Mr. Irfan Ahmed
1716CUKmr013	Life cycle and diseases of Mulberry silk moth	Prof. M.N. Azim
1716CUKmr014	Induced inbreeding in fish	Dr. Ibraq Khurshid
1716CUKmr015	Commercial importance of dairy and poultry farming	Dr. Mohammad Lateef
1716CUKmr016	<i>Ascaris lumbricoides</i> – pathogenesis and control	Mr. Irfan Ahmed
1716CUKmr017	Insect pollinators	Prof. M.N. Azim
1716CUKmr018	Induced breeding in prawn	Dr. Ibraq Khurshid
1716CUKmr019	Diseases of ruminants	Dr. Mohammad Lateef
1716CUKmr020	<i>Trichuris</i> – pathogenesis and control	Mr. Irfan Ahmed
1716CUKmr021	Life cycle and enemies of Lac insect	Prof. M.N. Azim
1716CUKmr023	Fish diseases	Dr. Ibraq Khurshid
1716CUKmr024	Coronary heart disease	Dr. Mohammad Lateef
1716CUKmr025	<i>Fasciola hepatica</i> – pathogenesis and control	Mr. Irfan Ahmed
1716CUKmr027	Life cycle and control of Cabbage butterfly	Prof. M.N. Azim
1716CUKmr028	Managemnet of hatchery	Dr. Ibraq Khurshid
1716CUKmr029	Diseases of poultry and their management	Dr. Mohammad Lateef
1716CUKmr030	Zoonosis	Mr. Irfan Ahmed
1716CUKmr031	Pronephros, mesonephros and metanephros	Dr. Ibraq Khurshid
1716CUKmr032	Varietal improvement techniques	Dr. Mohammad Lateef
1716CUKmr033	Symbiosis and Commensalism	Mr. Irfan Ahmed
1716CUKmr034	Gonads and their ducts in Elasmobranchs and Amphibians	Dr. Ibraq Khurshid
1716CUKmr035	Exotic breeds of cows	Dr. Mohammad Lateef
1716CUKmr036	<i>Ancylostoma duodenale</i> - pathogenesis and control	Mr. Irfan Ahmed

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DEPARTMENT OF ANIMAL SCIENCES; SEMESTER – V ZOOLOGY
Assignment Schedule (COURSE CODE: ZOO-CC-501/ 502/ ZOO-SEC-502)

Roll No.	Topic	Mentor
1615CUKmr02	Chowki rearing	Prof. M.Z. Chishti
1615CUKmr04	Ecotone and edge effect	Dr. Ibraq Khurshid
1615CUKmr05	Values of wild life	Dr. Mohammad Lateef
1615CUKmr06	Role of sericulture in rural development	Mr. Irfan Ahmed
1615CUKmr07	Ecological pyramids and ecological efficiencies	Dr. Irshad Ahmad
1615CUKmr08	Survivorship curves	Dr. Saleem Mushtaq
1615CUKmr09	Law of limiting factors	Dr. Umer Rashid
1615CUKmr10	Methods of Chowki rearing	Prof. M.Z. Chishti
1615CUKmr11	Ecological succession	Dr. Ibraq Khurshid
1615CUKmr12	Values of wild life	Dr. Mohammad Lateef
1615CUKmr15	Role of sericulture in rural development	Mr. Irfan Ahmed
1615CUKmr16	Ecological pyramids and ecological efficiencies	Dr. Irshad Ahmad
1615CUKmr17	Gause's Principle	Dr. Saleem Mushtaq
1615CUKmr18	Types of ecosystems	Dr. Umer Rashid
1615CUKmr19	Theories pertaining to Climax community	Dr. Ibraq Khurshid
1615CUKmr20	World wildlife conservation strategies	Dr. Mohammad Lateef
1615CUKmr21	Types of silk	Mr. Irfan Ahmed
1615CUKmr24	Ecotourism	Dr. Irshad Ahmad
1615CUKmr25	Preservation of genetic diversity	Dr. Saleem Mushtaq
1615CUKmr26	Concept of voltinism and moultnism	Dr. Ibraq Khurshid
1615CUKmr27	Requirements for an ideal silkworm rearing house	Dr. Mohammad Lateef
1615CUKmr29	Mulberry and non-mulberry silkworms in India	Mr. Irfan Ahmed
1615CUKmr31	National organizations involved in wild life consevation	Dr. Irshad Ahmad
1615CUKmr32	Sustainable development	Dr. Saleem Mushtaq
1615CUKmr33	Popular varieties/ races of Bombyx mori of India	Dr. Ibraq Khurshid
1615CUKmr34	Tiger conservation concept and challenges	Dr. Mohammad Lateef
1615CUKmr35	Autecology and synecology	Dr. Umer Rashid

Last date of submission: **22nd October 2018**

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DEPARTMENT OF ANIMAL SCIENCES; SEMESTER – V BIOTECHNOLOGY
Assignment Schedule (COURSE CODE: BTCH-GE-501/SEC-502)

Roll No.	Topic	Mentor
1616CUKmr01	Chowki rearing	Prof. M.Z. Chishti
1616CUKmr02	Ecotone and edge effect	Dr. Ibraq Khurshid
1616CUKmr03	Requirements for an ideal silkworm rearing house	Dr. Mohammad Lateef
1616CUKmr04	Role of sericulture in rural development	Mr. Irfan Ahmed
1616CUKmr05	Ecological pyramids and ecological efficiencies	Dr. Irshad Ahmad
1616CUKmr07	Survivorship curves	Dr. Saleem Mushtaq
1616CUKmr09	Law of limiting factors	Dr. Umer Rashid
1616CUKmr10	Methods of Chowki rearing	Prof. M.Z. Chishti
1616CUKmr11	Ecological succession	Dr. Ibraq Khurshid
1616CUKmr12	Rearing appliances used in sericulture	Dr. Mohammad Lateef
1616CUKmr14	Role of sericulture in rural development	Mr. Irfan Ahmed
1616CUKmr15	Ecological pyramids and ecological efficiencies	Dr. Irshad Ahmad
1616CUKmr18	Gause's Principle	Dr. Saleem Mushtaq
1616CUKmr19	Types of ecosystems	Dr. Umer Rashid
1616CUKmr21	Theories pertaining to Climax community	Dr. Ibraq Khurshid
1616CUKmr23	Disinfection of silkworm rearing houses	Dr. Mohammad Lateef
1616CUKmr24	Types of silk	Mr. Irfan Ahmed
1616CUKmr25	Biodiversity and its significance	Dr. Irshad Ahmad
1616CUKmr26	r and k strategies	Dr. Saleem Mushtaq
1616CUKmr27	Relevance of studying ecology	Dr. Umer Rashid
1616CUKmr29	Physical and chemical properties of silk	Dr. Ibraq Khurshid
1616CUKmr30	Mulberry and non-mulberry silkworms in India	Mr. Irfan Ahmed
1616CUKmr31	Biodiversity conservation strategies	Dr. Irshad Ahmad
1616CUKmr32	Sustainable development	Dr. Saleem Mushtaq
1616CUKmr33	Autecology and synecology concepts	Dr. Umer Rashid
1616CUKmr35	Popular varieties/ races of Bombyx mori of India	Dr. Ibraq Khurshid

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DEPARTMENT OF ANIMAL SCIENCES; SEMESTER – VII ZOOLOGY
Assignment Schedule (COURSE CODE: ZOO-CC-701/702/703 ZOO-DSE-701/703/705)

Roll No.	Topic	Mentor
1515CUKmr01	Taxonomic collections	Prof. M.N. Azim
1515CUKmr02	Life cycle, pathogenicity and control of Toxoplasma	Prof.M.Z. Chishti
1515CUKmr03	Sexual selection	Dr. Ibraq Khurshid
1515CUKmr05	Excretory organs in vertebrates	Dr. Mohammad Lateef
1515CUKmr06	Principles of hydrostatic skeleton in locomotion	Mr. Irfan Ahmed
1515CUKmr07	Schooling in fishes	Dr. Irshad Ahmed
1515CUKmr08	Larval forms of insects	Dr. Saleem Mushtaq
1515CUKmr09	Altruism and reciprocal altruism	Dr. Umer Rashid
1515CUKmr10	Role of fins in locomotion	Dr. Chanrakiran
1515CUKmr12	Taxonomic characters	Prof. M.N. Azim
1515CUKmr13	Life cycle, pathogenicity and control of Eimeria	Prof.M.Z. Chishti
1515CUKmr14	Optimal foraging theory	Dr. Ibraq Khurshid
1515CUKmr16	Ornithine cycle (Mechanism of urea formation)	Dr. Mohammad Lateef
1515CUKmr17	Structure of heart in annelids and insects	Mr. Irfan Ahmed
1515CUKmr18	Types of biological rhythms	Dr. Irshad Ahmed
1515CUKmr19	General characters of Ectoprocta and Endoprocta	Dr. Saleem Mushtaq
1515CUKmr21	Parasites as ecological indicators	Dr. Umer Rashid
1515CUKmr22	Biological significance of coloration in fishes	Dr. Chanrakiran
1515CUKmr23	Classification of Lepidoptera	Prof. M.N. Azim
1515CUKmr24	Life cycle, pathogenicity and control of <i>Diphyllbothrium latum</i>	Prof.M.Z. Chishti
1515CUKmr25	Learning behaviour	Dr. Ibraq Khurshid
1515CUKmr26	Osmoregulation in marine vertebrates	Dr. Mohammad Lateef
1515CUKmr30	Respiratory organs in vertebrates	Mr. Irfan Ahmed
1515CUKmr31	Kin recognition	Dr. Irshad Ahmed
1515CUKmr32	Adaptive radiation in mammals	Dr. Saleem Mushtaq

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