

NATIONAL UNIVERSITY



Syllabus

Department of Psychology

Four Year B.Sc Honours Course
Effective from the
Session:2009-2010

NATIONAL UNIVERSITY

Subject: Psychology
Syllabus for Four Year BA/B.Sc Honours Course
Effective from the Session: 2009-2010

Year wise courses and marks distribution.

First year Honours.

Subject Code	Course Title	Marks	Credits
	Introduction to Psychology	100	4
	Biological Bases of Behaviour-I	50	2
	Social Psychology	100	4
	Statistics in Psychology-I	100	4
	Practical	50	2
	<i>For Science Group</i>		
	Botany-I	100	4
	Botany-I Practical	50	2
	Introduction to Zoology: Protozoa and non-chordates, Human Physiology, and Applied Zoology	100	4
	Zoology Practical – I	50	2
	<i>For Arts Group</i>		
	Introducing Sociology Or Introduction to Social Work	100	4
	Introduction to Political Theory	100	4
	Total=		

Detailed Syllabus

First Year

Course Code : Introduction to Psychology Marks 100, 4 Credits, 60 Lectures

1. Introduction: Definition and nature of Psychology; Psychology as a science; Fields of Psychology: Experimental, Physiological, Clinical, Counseling, Industrial, Engineering, Educational, Social and Developmental Psychology; Methods of Psychology: Experimental, observational. Clinical, Case histories, Survey method.
2. Sensation and Perception: The nature of sensation and perception; Selectivity in perception: Selective attention; Determinants of stimulus selection; Form perception: Figure and ground, contour, perceptual organization, Perceptual constancy: Size and Brightness constancy; Depth perception: Monocular and Binocular cues to depth perception; perception of movement; Illusion and hallucination.
3. Learning: Definition and nature of learning; Factors of learning; Classical conditioning, Operant conditioning, Cognitive learning: Cognitive mapping, Latent learning, Insightful learning; Principles of reinforcement: Primary and secondary reinforcement, Schedule of reinforcement.
4. Memory and forgetting: Defining Memory and forgetting; Information processing approach-Sensory memory, short-term memory and long term memory; Ways of measuring memory; Improving memory; General causes and theories of forgetting.
5. Thinking and problem solving: Concept formation; Processes of thinking; Problem solving.
6. Motivation: Defining Motivation; Motivational cycle; Characteristics of motivated behavior; Classification of motives: Biological motives, Social motives.
7. Emotion: Defining emotion; Physiological correlates of emotion; Emotions as adaptive and disruptive process.

8. Personality: Definition of personality; Nature and determinants of personality: Observation, Rating Inventories, and Projective tests.
9. Intelligence and Creativity: Definition of intelligence; Concept of I.Q.; Measurement of intelligence; Verbal and non-verbal tests, Individual and group tests; Creativity and intelligence.

References:

1. আফসার উদ্দীন এম ২০০২ সাধারণ মনোবিজ্ঞান। রাজশাহী : রাজশাহী বিশ্ববিদ্যালয় প্রকাশনা বোর্ড।
2. Crider, A.B., Goethals, G.R. Robert D. Kavanaugh.R.D. Solomon, P.R. Psychology, Scott Foresman (1993), Psychology (4th ed.) New York; Harper Collins College publishers.
3. Feldman, R.S. (2002), Understanding Psychology (6th ed.) New York; Mc Graw Hill; Hisher education.
4. Hilgrad, E.R., Alkimson, R., and Alkinson. R.C. Introduction to Psychology. New York; Harcourf Brace, Latest ed.
5. Huffman K. (2004) Psychology in Action (7th ed.) U.S.A.; John Wiley and Sons Inc.
6. মন্ডল, যোগেন্দ্র কুমার (২০০৮): সাধারণ মনোবিজ্ঞান; হাসান বুক হাউজ, ঢাকা।
7. Morgan, C.T. and King, R.A Wisz, J.R. and Shoopier C. (1966) Introduction to Psychology. New York. Mc Graw Hill, Latest ed.
8. Munn. N.L. (1969) Introduction to Psychology; D Boston, Houghton Miffin Co.
9. Newman, P.R. and Newman, B.M. (1983) Principles of Psychology; Illionis Homewood: The Dorsey Press, Latest ed.
10. Zimbardo, P.G (1979), Psychology and life: Scott, Foresman and Co. Latest ed.

Course Code : Biological Bases of Behaviour-I Marks 50, 2 Credits, 30 Lectures

- Chapter-I: Introduction:
 Definition; Subject matter and scope of Physiology ; Relationship of Psychology with physiology.
- Chapter-II: Nervous System:
 Different types of Neuron; The synapse: Chemical and electrical functions in synaptic activities; Transmission of sensation; Structure and functions of nervous system Central and Peripheral; Reflexive behaviour; Relationship; Relationship of nervous system with human behaviour.
- Chapter-III: Visual Sense Organs:
 Structure and functions of human eye; Visual sensation and human behaviour.
- Chapter IV: Auditory Sense Organs:
Structure and functions of human ear; Auditory sensation and human behaviour.

Books Recommended:

1. Coles, Douchin: Process Psychology; The Guilford Press, New York and London.
2. Ganong, W.F.: Review of Medical Physiology; Prentice Hall International Inc. London.
3. Guyton and Hall: Textbook of Medical Physiology; Prism Book(Pvt.) London.
4. Hoyenga and Hoyenga: Psycho-biology: The Neuron behaviour, Brooks Cole Publishing Co., Pacific grove, Calif.

5. Morgan, C.T.: Introduction to Psychology; Me Graw-Hill BookCo.; N.Y.
6. Morgan C.T.: Physiological Psychology; Me Graw-Hill Book Co.; N.Y.
7. পান্ডে,এস.এম: ফিজিওলজি শিক্ষা; পুলক প্রকাশনী, ঢাকা।
8. Wenger M.A et. al: Physiological Psychology; Holt Rinchart and Winston; N.Y.
9. Williams L.: Gray's Anatomy; Churchill Livingstone; London.
10. ড. তাতারিনভ: মানুষের অ্যানাটমি ও ফিজিওলজি, মীর প্রকাশন, মস্কো।

Course Code : Social Psychology Marks 100, 4 Credits, 60 Lectures

1. Introduction: The Science of Social Psychology; History of its Development; Methods used in Social Psychology.
2. Socialization: Definition of Socialization; Processes, agents and products; Cultural influences on Behaviour.
3. Social perception: Basic processes affecting perceptual response; Perceptual Defense; Perceptual accentuation; person perception.
4. Attitude: Formation of Attitudes; Measurement of Attitudes; Processes of Attitude Changes; Some theories of Attitude Change; Persuasive Attitude Change.
5. Group Structures and Processes: Kinds of Groups; Methods of studying Group processes.
6. Communication: The process of Communication; Communication and Language; Language, Culture and Thinking; Non-verbal Communication.
7. Interpersonal Attraction: Classic explanations; Factors determining attraction; Measurement of attraction.
8. Leadership: The meaning of Leadership; Trait, type, and situational approaches to the study of Leadership; Functions of Leaders; Leadership effectiveness.
9. Mass Communication and Collective Behaviour: Public opinion; Crowd; Rumour; Propaganda; Prejudice.

References:

1. বেগম হামিদা আখতার (১৯৯৬); আধুনিক সমাজ মনোবিজ্ঞান, প্রকাশক রাফায়েল-শাহরিয়ার।
2. হক, জহিরুল; সমাজ মনোবিজ্ঞান, প্রগতি প্রকাশনী।
3. Krech, D. Crutchfield R.S. and Ballachey. E.L. (1962) Individual in Society. New York; Tokyo: Mc Graw Hill Co. Ltd.
4. Lindgren, H.C. (1972) An Introduction to Social Psychology. New York; Wiley and Sons.
5. Myers, D.G. (1993) Social Psychology, Mc. Graw-Hill, Inc. New York.
6. Sargent, S.S. and willamson, R.C. (1996) Social Psychology, New York; The Ronald Press.
7. Secord, P.F. and Backman, C.W, (1974) Social Psychology. Mc Graw-Hill.
8. জামান, মীর. এফ. সমাজ মনোবিজ্ঞান। ঢাকা বই বিতান।

Course Code : Statistics in Psychology-I Marks 100, 4 Credits, 60 Lectures

- Chapter-I: Introduction:
What is statistics? Nature and scope of statistics. Uses of statistics in Psychology. The idea of quantification.
- Chapter-II: Symbolic representation of data:
Advantages of symbol in Mathematics; Conventional rules of symbolic representation of data; The summation notation.
- Chapter-III: Frequency distribution:
Grouping of data; Choosing class intervals; Apparent true limits of class intervals; Frequency and cumulative frequency distribution; Graphical representation of data; Histogram, Polygon and cumulative frequency polygon; Types of frequency distribution; Symmetrical and Asymmetrical/Skewed distribution.
- Chapter-IV: Measures of central tendency:
Computing mean, median and mode; when to apply mean, Median and mode; Mathematical properties of the mean.

- Chapter-V: Measures of variability/dispersion:
Need to measure variability/Dispersion; The range, The inter quartile range, Semi-interquartile range, The mean deviation; The variance and the standard deviation.
- Chapter-VI Moment, Skewness and kurtosis: Concepts, Measures.
- Chapter-VII Score Transformation:
Decile, percentile point; percentile rank; T-score, Standard score, score, stanine score.

Books Recommended:

1. Bloomers, P and Lindquist, B.F: Elementary Statistical Methods in Psychology and Education. Houghton Mifflin Co. Boston; New York.
2. Ferguson, G.S.: Statistical Analysis in Psychology and Education. Longmans, Green and Co. Ltd. ; London.
3. Garrett, E.H. and Woodworth, R.S.: Statistics in Psychology and Education, Longmans, Green and Co. Ltd.; London.
4. Guilford, J.P.: Fundamental Statistics in Psychology and Education. McGraw-Hill Book Co; New York.
5. Hays, W.L.: Statistics for the Social Science, Holt Rinhart and Winston, Inc; New York.
6. Mostafa, M.G.: Methods of Statistics. Anowar Publications; Dhaka.
7. Siegel, S.: Non-parametric Statistics of the Behaviour Science, McGraw-Hill Book Co.; New York.
8. Sinder, G.W. and Cochran, W.G: Statistical Methods, Ames; The Iowa state University Press.
9. সরকার, নীহার রঞ্জন: মনোবৈজ্ঞানিক পরিমাপন ও পরিসংখ্যান, জ্ঞানকোষ প্রকাশনী; ঢাকা।

Practical

50 Marks, 2 Credits

Any five of the following experiments

1. To Measure immediate memory span
2. To study bilateral transfer of sensory motor learning.
3. To study the effect of knowledge of results on muscular.
4. To compare incidental and intentional learning.
5. To study the effect of neutral and emotional words on reaction time.
6. To study the role of organization on verbal learning.
7. To study the subjects time estimation under filled and unfilled intervals.
8. To study retro active inhibition.
9. To study the effect of division of attention.
10. To study retention as a function of time.

Marks distribution:

A. Laboratory Note Book	10
B. Experiment	
i) Conduction	15
ii) Report	15
C. Viva	10

Course Code: Botany -I Marks 100, 4 Credits, 60 Lectures

1. Introduction: Origin and evolution of life; differences between plants and animals; modern concepts of classification of living organisms.
2. Microbiology:
 - a) Introduction to Viroids, Prions, Rickettsia and Mycoplasma.
 - b) Virus: Physical and chemical nature of phage, plant and animal viruses, multiplication of HIV virus and economic importance.

- c) Bacteria: Types, fine structure, reproduction and importance.
- d) Fungi: Habitat, characteristics, classification up to class (Alexopoulos), reproduction, importance, life history of *Saccharomyces*.
- e) Cyanobacteria: Habitat, characteristics, structure, importance of Cyanobacteria .
- f) Algae: Habitat, characteristics, classification up to class (Fritsch), reproduction, importance; life history of *Oedogonium*.
- g) Phytoplankton: Habitat, characteristics, classification and importance.
3. Lichen: Habitat, characteristics, classification and importance.
4. Limnology: Definition, scope, importance and classification of lakes.
5. Bryophyta: Habitat, characteristics, classification up to classes and reproduction; life history of *Riccia* and *Anthoceros*.
6. Pteridophyta: Habitat, characteristics, classification up to classes, importance; life history of *Selaginella* and *Christella*.
7. Gymnosperms: Habitat, characteristics and importance; life history of *Cycas* and *Gnetum*.
8. Angiosperms: Habitat, characteristics, ICBN, classification systems of plant kingdom. (Artificial, natural & phylogenetic). Identifying characters and economic importance of the following families: (a) Fabaceae, (b) Solanaceae and (c) Malvaceae and (d) Poaceae.
9. Plant Pathology: Concept of diseases in plants, causes, diagnosis, classification and importance of plant diseases, symptomatology and control measures; forecasting of plant diseases.
Causal organisms, symptoms and control measures of brown spot of rice, stem rot of jute, citrus canker and tungro disease of rice.
10. Economic Botany: Local and scientific names, parts used and importance of at least 8 prominent plants of each of the following groups: (a) Food, (b) medicine, (c) timber, (d) fibre, (e) oil and (f) vegetables. Cultivation and processing of tea and rubber.

Books Recommended

1. Agrios, G.N. 1997 : Plant Pathology (4th ed.). Academic Press, London.
2. Bold, H.C. and M.J. Wynne. 1978 : Introduction to the Algae, Prentice Hall, India
3. Hawker, Lilian, E. 1967 : Fungi, Hutchinson Univ. Library, Cambridge Univ. Press, London.
4. Lawrence, G.H.M. 1951 : Taxonomy of Vascular Plants. The Macmillan Co. New York.
5. Pelczer, M.J., E.C.S. Chan and N.R. Krieg. 1993 : Microbiology: Concepts and Applications. McGraw Hill Book Co. Inc. New York.
6. Vashista, P.C. 1993 : Botany for Degree Students: Pteridophyta. S.C. Chand & Co. Ltd. Ramnagar, New Delhi.
7. Mukherji, H. and Ganguly, 2000: Plant Groups, Centrl Book Agency, Calcutta.
8. Hill, F.A. 1972. : Economic Botany, Tata McGraw-Hill Publishin Company, India.
9. রায়, শ্যামল কুমার, পাল, নিশীথ কুমার : অপুস্পক উদ্ভিদবিজ্ঞান (১ম ও ২য় খন্ড), বাংলা একাডেমী, ঢাকা।
পাশা, মোস্‌জ্জা কামাল, ১৯৯৫
10. খান, আজমাজদ আলী এবং তরিকুল ইসলাম : স্নাতক উদ্ভিদ বিজ্ঞান ১ম, ২য় ও ৩য় খন্ড।
11. খন্দকার মনিরুজ্জামান, ১৯৯৪ : লিমনোলজী, ঢাকা বিশ্ববিদ্যালয় প্রকাশনা, ঢাকা।
12. বাসার, এম. এ., এম.এ. হাসান এবং ম. রফিকুল ইসলাম. ২০০৪ : উদ্ভিদ বিজ্ঞান, হাসান বুক হাউজ, বাংলা বাজার, ঢাকা।
13. হাসান, এম. এ. এবং এম. কে. আলম. ১৯৯৭ : উদ্ভিদ শ্রেণী বিন্যাস তত্ত্ব (৩য় সংস্করণ), হাসান বুক হাউস, ঢাকা।
14. খাতুন, রাবেয়া, ২০০২ : উদ্ভিদ শ্রেণীবিন্যাস, ইউরেকা বুক এজেন্সি, রাজশাহী।

Course Code: Botany -I Practical Marks 50, 2 Credits, 30 Lectures, Time : 6 hours

1. Detail study including dissection (where necessary), mounting, drawing, description and identification with classification of the following genera:

Cyanobacteria	: <i>Nostoc, anabaena</i> .
Algae	: <i>Chlamydomonas, Oedogonium</i> .
Fungi	: <i>Saccharomyces</i> and <i>Ascobolus</i> .
Bryophyte	: <i>Riccia</i> and <i>Marchantia</i> .
Pteridophyte	: <i>Selaginella, Christella</i> .

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Gymnosperms	: <i>Cycas</i> .	
Angiosperm	: Poaceae and Fabaceae	
2. Identification of the following genera with reasons:		06
Algae	: <i>Volvox, Polysiphonea</i> and <i>Fucas</i> .	
Fungi	: <i>Rhizopus, Agaricus, Puccinia</i> and <i>Penicillium</i> .	
Lichen	: Crustose, Foliose and Fructose.	
Bryophyte	: <i>Anthoceros, Semibarbula</i> .	
Pteridophyte	: <i>Selaginella, Marsilea, Azolla</i> and <i>Pteris</i>	
Gymnosperms	: Male and female cones of <i>Cycas</i> ,	
Angiosperms	: Scientific names of common plants around the institution.	
3. Find out algal specimens from local fresh water sample; draw and describe.		05
4. Study of the symptoms and causal organisms of Brown spot of rice and stem rot of Jute.		05
5. Detailed taxonomic study of the families as included in the theory syllabus.		08
6. Study of plant and plant parts, and economic uses of angiosperms included in the syllabus.		06
7. Preparation of herbarium specimens of local plants and submission during examination.		05
8. Laboratory Note book.		05

Books Recommended

1. Agrios, G.N. 1997 : Plant Pathology (4th ed.). Academic Press, London.
2. Bold, H.C. and M.J. Wynne. 1978 : Introduction to the Algae, Prentice Hall, India
3. Devlin, M.R. and H.F. Witham. 1986 : Plant Physiology (4th ed.). CBS Publishers and Distributors, New Delhi.
4. Esau, K. 1953 : Plant Anatomy. John Wiley & Sons, Inc., New York.
5. Goodwin, T.W. and E.I. Meeer. 1983 : Introduction to Plant Biochemistry (2nd ed.). Pergamon Press.
6. Hawker, Lilian, E. 1967 : Fungi, Hutchinson Univ. Library, Cambridge Univ. Press, London.
7. Kumar, H.D. 1995 : General Ecology, Vikash Pub. House, India.
8. Lawrence, G.H.M. 1951 : Taxonomy of Vascular Plants. The Macmillan Co. New York.
9. Pelczer, M.J., E.C.S. Chan and N.R. Krieg. 1993 : Microbiology: Concepts and Applications. McGraw Hill Book Co. Inc. New York.
10. Vashista, P.C. 1993 : Botany for Degree Students: Pteridophyta. S.C. Chand & Co. Ltd. Ramnagar, New Delhi.
11. পাশা, মোস্তাফিজ কামাল রায়, শ্যামল কুমার, ১৯৮৬ : ব্যবহারিক উদ্ভিদবিজ্ঞান, বাংলা একাডেমী, ঢাকা।
12. আখতারজ্জামান, ম. : বংশগতি বিদ্যা, হাসান বুক হাউজ, ঢাকা।
13. আখতারজ্জামান, ম. ২০০০ : বিবর্তন বাদ, হাসান বুক হাউজ, ঢাকা।
14. ইসলাম, এ.এস. ১৯৮৪ : বংশগতি বিদ্যার মূল কথা, বাংলা একাডেমী, ঢাকা।
15. কর্মকার, যদুলাল. ২০০০ : উদ্ভিদ শরীর বিজ্ঞান, হাসান বুক হাউজ, ঢাকা।
16. খান, আমজাদ আলী এবং তরিকুল ইসলাম : স্নাতক উদ্ভিদ বিজ্ঞান ১ম, ২য় ও ৩য় খন্ড।
17. খন্দকার মনিরজ্জামান, ১৯৯৪ : লিমনোলজী, ঢাকা বিশ্ববিদ্যালয় প্রকাশনা, ঢাকা।
18. জামান, এম. এ. ১৯৭৫ : কোষবিদ্যা, বাংলা একাডেমী, ঢাকা।
19. বাসার, এম. এ., এম.এ. হাসান এবং ম. রফিকুল ইসলাম. ২০০৪ : উদ্ভিদ বিজ্ঞান, হাসান বুক হাউজ, বাংলা বাজার, ঢাকা।
20. হাসান, এম. এ. ১৯৯৬ : বাংলাদেশের ভেষজ উদ্ভিদ, আশরাফিয়া বই ঘর, বাংলা বাজার, ঢাকা।
21. হাসান, এম. এ. এবং এম. কে. আলম. ১৯৯৭ : উদ্ভিদ শ্রেণী বিন্যাস তত্ত্ব (৩য় সংস্করণ), হাসান বুক হাউস, ঢাকা।

Course Code : Introduction to Zoology: Protozoa and non-chordates, Human Physiology, and Applied Zoology Marks 100, 4 Credits, 60 Lectures

Group-A: Introduction to Zoology: Protozoa and non-chordates

Introduction to Zoology: Definition and scope of zoology. Foundation of animal life: Level of organization (protoplasmic, cellular, tissue, organ, organ system, organism, species, individual, population, community, fauna, biota, ecosystem, biosphere, biodiversity). Cells: Cell and cell theory, structure and functions of cell organelles. Gametogenesis: Spermatogenesis and oogenesis; placentation. Classification of animals: Animal kingdoms; classification up to phyla on the basis of organization, symmetry, coelom and phylogeny; different taxa and Linnean hierarchy and nomenclature.

Protozoa and non-chordates: General characteristics of the following protozoa and non-chordates phyla with examples – Apicomplexa, Ciliophora, Porifera, Cnidaria, Ctenophora, Platyhelminthes, Gastrotricha, Nematomorpha, Rotifera, Acanthocephala, Kinorhyncha, Loricifera, Priapulida, Supuncula, Pogonophora, Tardigrada, Onychophora, Phoronida, Brachiopoda, Bryozoa/Ectoprocta, Chaetognatha, Echinodermata, and Hemichordata.

General and diagnostic characteristics of the following phyla with examples – Sarcomastigophora, Annelida, Arthropoda and Mollusca.

Type study of the following with their systematic position, habitats, external morphology, organ systems such as digestion, movement, circulation, respiration, excretion, nervous, and reproduction; food and feeding habits, mode of life and development –

- a. Phylum Sarcomastigophora: *Euglena*
- b. Phylum Apicomplexa: *Eimeria*
- c. Phylum Ciliophora: *Paramecium*
- d. Phylum Porifera: *Scypha*
- e. Phylum Cnidaria: *Obelia*
- f. Phylum Nematoda: *Ascaris*
- g. Phylum Mollusca: *Pila*
- h. Phylum Arthropoda: Prawn
- i. Phylum Echinodermata: *Astropecten*
- j. Phylum Hemichordata: *Balanoglossus*.

Group-B: Human Physiology and Applied Zoology

Human Physiology: Outline of the physiology of digestion, blood circulation, respiration, excretion and reproduction; endocrine glands and their functions; vitamins and vitamin deficiency diseases.

Applied Zoology: Introduction to the major fields of applied zoology: Entomology, Fisheries Biology, Wildlife Biology, and Parasitology. Agricultural pests: Major pests of rice, jute, sugarcane and stored grains. Integrated fish farming: Types, poultry, livestock and paddy-cum-fish culture. Poultry farming: System of poultry farming, diseases of poultry and their control, economic importance of poultry and their impacts on socio-economic condition of Bangladesh.

Course Code : Zoology Practical - I (time: 6 hrs in one day) Marks 50, 2 Credits, 30 Lectures

1. **Study of museum specimens:** Representative of all major non-chordate phyla (minimum 20 specimens to be studied).
2. **Study of permanent slides:** Whole mount, body parts and various cells and invertebrate tissues (at least 10 slides to be studied)
 - a. Whole animals – representatives of protozoans, rotifers and arthropods.
 - b. Mouth parts of arthropods.
 - c. Parasites – nematodes and platyhelminths.
 - d. Different larval forms of invertebrates.
 - e. Histological slides of invertebrates.
3. **Preparation and study of whole mounts of different non-chordates.**
4. **External morphology and dissection of various organ systems of earthworm, cockroach, prawn, *Pila* and *Lamellidens*.**
 - a. Digestive system of prawn, *Pila* and *Lamellidens*.
 - b. Circulatory system of earthworm and prawn.

c. Nervous system of cockroach, grasshopper, prawn, *Pila* and *Lamellidens*.

5. Temporary mounting –

- a. Brain of earthworm.
- b. Salivary gland of cockroach.
- c. Statocyst of prawn.

6. Study of appendages of prawn.

7. Animal physiology –

- a. Estimation of blood pressure and pulse rate.
- b. Determination of blood group.

8. Class records.

Distribution of Marks for First Year Final Examination

1. Major dissection (dissection 8 + display 2 + drawing and labeling 3) = **13 marks.**
2. Temporary mount (staining, mounting and display 3 + drawing and labeling 2) = **5 marks.**
3. Spotting of museum specimens – 8 items (identification and classification 1 + diagnostic characteristics 1) = **16 marks.**
 - a. Invertebrate specimens (4 items) $2 \times 4 = 8$ marks.
 - b. Whole mount slides (mouth parts, parasites, larvae) (2 items) $2 \times 2 = 4$ marks.
 - c. Histological slides (2 items) $2 \times 2 = 4$ marks.
4. Appendages (detachment, placement and drawing on a paper sheet 3, labeling 2, displaying 1) = **6 marks.**
5. Class records = **10 marks.**

Course Code : **Introducing Sociology**

Marks 100, 4 Credits, 60 Lectures

1. **Definition, Nature & Scope of Sociology**, relationship with other social sciences. Development of Sociology: Contributions of Auguste Comte, Herbert Spencer, Emile Durkheim, Max Weber
2. **Culture, Beliefs & Values**: Norms, sanctions, symbols, language, subculture, counter-culture, hegemony & resistance
3. **Globalization, Culture and Society**: Globalization and its different dimensions, Cultural globalization, global culture and social change
4. **Urbanization and Social Formation**: Definition of urbanization and urbanism, Process of urbanization in developing societies and social formation, over urbanization, growth of slum & poverty in mega cities
5. **Gender and Society**: Discourse of WID, WAD and GAD, Why gender is important in the discourse of development, Gender inequality & women's subjugation in developing societies.
6. **Environmental Problems, Natural Disasters and Social Crisis**: Climate change and its impact on society, Natural disaster, social crisis and vulnerabilities, Climate change, deforestation and mal-development.
7. **Social Inequality**: Dimensions of social inequality: Class, gender, age, minority group (religious and indigenous), economic vulnerability, Social inequalities in developed & developing countries.
8. **Types of societies**: Marxist view on classifying societies on the basis of type of control over economic resources and Lenski's view on classifying societies by their main means of subsistence.
9. **Deviance & Social Control**: Definition of deviance, theories of deviance. Crime & justice system, agencies of social control
10. **Health, Illness and Society**: Nature & scope of the problem, Urbanizations, acute, chronic & life style diseases, Social, environmental & behavioural factors affecting health, Communicable & behavioural diseases: STD, HIV/AIDS, TB, Hep-B etc

Reference

Giddens Sociology

Tony Bilton et al Introductory Sociology

Course Code : Introduction to Social Work Marks 100, 4 Credits, 60 Lectures

1. Social Work: Meaning, Characteristics, Scope and Importance Relationship of Social Work with other Sciences- Sociology, Economics, Psychology and Political Science.
2. Evolution: Evolution of Social Work in UK, USA, India and Bangladesh.
3. Social Reformers and their Movements in Pre-partition India and Bangladesh: Raja Rammohan Ray, Ishwar Chandra Vidyasagar, A.K Fazlul Haque, Sir Syad Ahmed, Begum Rokeya.
4. Social Legislations Related to Social Security, Women Welfare, Child Welfare.
5. Profession and Social Work: Meaning and Characteristics of Profession, Social Work as profession, Philosophical, Religions and Ethical Basis of Social Work.
6. Industrial Revolution: Meaning, Impact on Society, Industrialization, Urbanization, Welfare State.
7. Social Problems and Social Services in Bangladesh.
8. Methods of Social Work: Basic and Auxiliary Methods and their Basic Issues such as Meaning, Elements, Principles and Area of Use. Importance of Social Work Methods in Bangladesh.

Books Recommended:

1. Barker, Robert L. :Social Work Dictionary, 3rd ed. NASW, New York, 1995.
2. Coulshed, Veronica Social Work Practice: An Introduction 2nd ed. London. Macmillan, 1991.
3. Friedlander, Walter A. : Introduction to Social Welfare. Prentice Hall, 2nd ed. New Delhi-1967.
4. Khalid, M. : Welfare State, Karachi, Royal Book, 1968
5. Morales, A. And Shaefor, B. Social Work – A Profession of many faces, 4th ed. Allyn and Bacan, Boston, 1986.

Course Code : Introduction to Political Theory Marks 100, 4 Credits, 60 Lectures

Political Science : Meaning, Nature, Scope, Methods, Relations to other Social Sciences, Importance to Study Political Science.

State : Definition, Elements, State and Government, State and Individual, State and Society, Theories of the origin of the state.

Fundamental concepts : Sovereignty, Law, Liberty, Equality, Rights and Duties, Nation, Nationalism, Internationalism.

Concepts of Political Sociology : Political culture, elite theory, Max Weber and Bureaucracy

Political Thinkers : Plato, Aristotle, St. Augustine, St. Thomas Aquinas, Machiavelli, Hobbes, Locke and Rousseau.

Books Recommended :

1. R.G. Gettell : *Political Science*
2. J. W. Garner : *Political Science and Government*
3. R. M. MacIver : *The Modern State*
4. G.H. Sabine : *A History of Political Theory*
5. William Ebenstein : *Great Political Thinkers-Plato to the Present*
6. H.G. Laski : *A Grammar of Politics*
7. মুহাম্মদ আয়েশ উদ্দীন : *রাষ্ট্রচিন্ত্র পরিচিতি*
8. এমাজউদ্দিন আহমদ : *মধ্যযুগের রাষ্ট্রচিন্ত্র*
9. মোঃ দরবেশ আলী খান : *পেটো ও এরিস্টটলের রাজনৈতিক চিন্ত্র*
10. সরদার ফজলুল করিম : *পেটোর রিপাবলিক*

