

**GANPAT UNIVERSITY**

## FACULTY OF MANAGEMENT STUDIES

Programme		Master of Business Administration				Branch/Spec.	Marketing/Finance/Human Resources Management/International Business		
Semester		III				Version	1.0.0.0		
Effective from Academic Year			2016-17			Effective for the batch Admitted in			June 2016
Subject code		IIIA09BBS		Subject Name		BASIC BIOLOGICAL SCIENCE			
Teaching scheme						Examination scheme (Marks)			
(Per week)	Lecture(DT)		Practical(Lab.)		Total		CE	SEE	Total
	L	TU	P	TW					
Credit	4	0	0	0	4	Theory	60	40	100
Hours	4	0	0	0	4	Practical	-	-	-
Pre-requisites:									
Learning Outcome:									
<p>The objective of the course is to expose the students to basics of Biology to facilitate understanding of Health concepts.</p> <p>IIIA09BBS.CO1: Understand the structure and functioning of various human body systems and their interrelation in maintaining overall health.</p> <p>IIIA09BBS.CO2: Apply knowledge of medical terminology, word parts, and abbreviations to interpret and communicate healthcare information effectively.</p> <p>IIIA09BBS.CO3: Analyze the causes, classification, and symptoms of illness and disease for improved healthcare understanding and management.</p> <p>IIIA09BBS.CO4: Evaluate infection control methods, sterilization techniques, and hospital hygiene protocols to ensure safe healthcare practices.</p>									
Theory syllabus									
Unit	Content								Hrs
1	Human Anatomy and Physiology: Basic functions and importance of various systems in Human body - Digestive System-Respiratory system-Circulatory system-Central Nervous system, Muscular Skeletal system-Reproductive system-Excretory system-Endocrine Glands-Special Senses.								12
2	Medical Terminology: Reasons for using medical terms-Glossary of medical terms: major diseases and medical specialties.								12
3	Roots, Prefixes, Suffixes, Abbreviations and symbols-Common roots: element referring to, usage and definition-Common prefixes and suffixes-Common abbreviations: departments, time, general healthcare, routes of medication and laboratory-Symbols.								12
4	Illness: Defining Health and illness: Direct and indirect causes-Classification and description of disease.								12
5	Infection Control: Nosocomial infection-asepsis--Reservoir, carrier and mode of transmission of communicable diseases -Infection control measures-Disinfection -Sterilization and aseptic technique-Infection control committee-purpose, composition and duties.								12
Practical content									
Text Books									
1	Review of Medical Physiology - William F. Ganong McGraw Hill, Boston								

Reference Books	
1	A Clinical Problem – Solving Approach - John V. Basmajian and Charles E. Slonecker
2	Review of Medical Physiology - William F. Ganong McGraw Hill, Boston
3	Stedman's Medical Dictionary
4	Biological Science - Taylor - Cambridge University

Note:

Version 1.0.0.0 (First Digit= New syllabus/Revision in Full Syllabus, Second Digit=Revision in Teaching Scheme, Third Digit=Revision in Exam Scheme, Forth Digit= Content Revision)

L=Lecture, TU=Tutorial, P= Practical/Lab., TW= Term work, DT= Direct Teaching, Lab.= Laboratory work

CE= Continuous Evaluation, SEE= Semester End Examination

### Mapping of CO with PO and PSO:

Semester 3: Course Name: IIIA09BBS BASIC BIOLOGICAL SCIENCE							
Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7
IIIA09BBS.CO1	3	2	2	3	2	2	1
IIIA09BBS.CO2	2	3	2	2	3	2	2
IIIA09BBS.CO3	2	3	3	3	3	3	2
IIIA09BBS.CO4	1	2	1	1	2	3	3

Semester 3: Course Name: IIIA09BBS BASIC BIOLOGICAL SCIENCE			
Name of CO	PSO - 1	PSO – 2	PSO - 3
IIIA09BBS.CO1	2	2	2
IIIA09BBS.CO2	3	3	2
IIIA09BBS.CO3	3	3	3
IIIA09BBS.CO4	3	3	2