

NOTIFICATION – 35-ACM/11/2019 dtd.27.05.2019

Sub: Revision in the curriculum of I year P.B.B.Sc. (N) under Faculty of Nursing
 Ref: Resolution of the Academic Council at its 35th meeting held on 24.05.2019,
 vide Agenda -11

The Academic Council at its 35th meeting held on 24.05.2019 & subsequently the Board of Management at its 46th meeting have resolved to approve the recommendation of the Faculty of Nursing for revision of I Year P.B.B.Sc. Nursing curriculum as follows:-

Subject: English Placement: I year P.B.B.Sc (N) Theory – 60 hours

Unit no	INC prescribed hours		Content of Unit	Now Amended
	Existing	Proposed		
VI	20	20	The study of various forms of composition <ul style="list-style-type: none"> • Note taking • Dairy • Nurses notes, anecdotal records • Writing of summary • Nurses reports on health problems • The student will submit one sample of each item from her on practical experience 	To add Writing skills in English <ul style="list-style-type: none"> • News report writing • Writing various formal letters • Notice writing on various occasions and events • Dialogues writing • Reviewing the selected materials or books in one's words • e-mail writing
VII	15	15	Verbal communication <ul style="list-style-type: none"> • oral reports • summarization of discussion • debate • listening • comprehension-Film Cassette and Radio 	To Add Phonetics <ul style="list-style-type: none"> • Learning British American accent of the English words • Ability to differentiate between the two

This notification is issued for implementation with effect from the academic year 2019-20.

To:
The Principal - YNC

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Ref: No. Y/REG/ACA/Academic Council-33/2018

19.11.2018

NOTIFICATION – 05/33-ACM/2018 Dtd. 12.11.2018

Sub: Amendment to revision of P.B.B.Sc. (Nursing) syllabus

Ref: Resolution of the Academic Council at its 33rd meeting held on 26.10.2018, vide Agenda – 9

The Academic Council at its 33rd meeting held on 26.10.2018 and subsequently the 44th Board of Management have approved the proposal of the combined Board of Studies as recommended by the Faculty of Nursing to amend the P.B.B.Sc. (Nursing). The amendment as approved is hereby noted as follows:-

Subject: Nursing Foundation

Placement: I year P.B.B.Sc (N)

Unit	HOURS		Course Content	Addition/modification	Justification
	Prescribed	Proposed			
III	6	6	Professional Nursing care concepts and practices	Add theories <ul style="list-style-type: none"> Florence nightingale theory Orem's theory General system theory 	To make it specific
IV	10	10	The Nursing process	Add Nursing diagnosis <ul style="list-style-type: none"> Types and significance 	To make it specific


Subject: Biochemistry

Placement: I year P.B.B.Sc (N)

Unit	Prescribed hours	Proposed hours	Course content	Addition / modification	Justification
I	3	2	Introduction	Reduction of 1 teaching hour	2 hours are adequate for the topic
III	5	4	Enzymes <ul style="list-style-type: none"> Mechanism of action 	<ul style="list-style-type: none"> Add definition Outline of Mechanism of action 	<ul style="list-style-type: none"> To add clarity It is not essential from nurses perspective

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			<ul style="list-style-type: none"> Factors affecting enzymes activity 	<ul style="list-style-type: none"> Rephrase as – List of factors affecting enzyme activities, K_m value Add Isoenzymes Add types of enzyme inhibitions with examples Reduction of 1 hour from Unit III Enzymes 	<ul style="list-style-type: none"> To add clarity
IV	6	6	<p>Carbohydrates</p> <ul style="list-style-type: none"> Glycolysis and TCA cycle Fate of glucose in the body. Storage of glucose in the body Glycogenesis Glycogenolysis and gluconeogenesis, Blood glucose and its regulation. <ul style="list-style-type: none"> Glucose tolerance test, hyperglycemia, hypoglycemia, Glycaemia, Diabetes mellitus 	<p>Carbohydrates</p> <ul style="list-style-type: none"> Add definition, classification and functions of carbohydrates Rephrase sub topics as: Metabolic pathways for glucose- <ul style="list-style-type: none"> a) Glycolysis: Definition, site, steps types, significance, only net gain of ATPs b) TCA cycle: Definition, site, steps, significance and only net gain of ATPs. c) Glycogen metabolism: Definition, site, significance of glycogenesis and Glycogenolysis (without details of the pathway) d) Gluconeogenesis: Definition, site and significance (without the details of the pathway) Rephrase Diabetes mellitus as Diabetes mellitus- definition, types, biochemical alterations and biochemical tests (plasma glucose, HbA1c, GTT, urine dipstick) 	<ul style="list-style-type: none"> To add clarity To add clarity It is in accordance with nurses perspective To add clarity
V	6	6	<p>Proteins</p> <ul style="list-style-type: none"> Definition, classification, structure, properties and functions Biologically important peptides Protein: definition, classification Catabolism of amino acids–urea Cycle Plasma proteins 	<p>Proteins</p> <ul style="list-style-type: none"> Rephrase as- Definition, classification of proteins, essential amino acids, structural organization of proteins- definition and example for each level Outline of Biologically important peptides Delete Protein: definition, classification, Add- Denaturation of proteins Rephrase as- Urea cycle- definition, site, steps, significance, blood urea level Rephrase as-Plasma proteins- examples and functions 	<ul style="list-style-type: none"> To add clarity It is a repetition It is required from nurses perspective To add clarity To add clarity



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			<ul style="list-style-type: none"> Protein: Amino acids, hormones Essential amino adds. Biosynthesis of protein in the cells Role of nucleic acid in protein Synthesis Nitrogenous constituents of Urine, Blood,theirorigin-ureacycle,uricacidformation,gout,Plasma proteins and their functions 	<ul style="list-style-type: none"> Deletion Rephrase as- Protein biosynthesis (translation)- definition, site, inhibitors (without the details of the pathways Delete role of nucleic acid in protein synthesis Deletion 	<ul style="list-style-type: none"> It is a repetition To add clarity It is a repetition as it is part of protein biosynthesis topic It can be included in the proposed new Unit-Clinical biochemistry: plasma proteins is a repetition
VI	4	4	Chemistry of Fat <ul style="list-style-type: none"> Definition,classification,properties, function Ketonebodyformation Biological importance of lipids And Their functions -Cholesterol and lipoprotein -Sources, occurrence and distribution -Blood level and metabolism 	Lipids <ul style="list-style-type: none"> Rephrase as- Definition, classification and functions Rephrase as- Ketone bodies – names, significance, ketosis and keto acidosis (causes- starvation and diabetes Rephrase as- Cholesterol: Sources occurrences, distributions and functions, lipoproteins- types, importance of HDL and LDL Add Fatty liver 	<ul style="list-style-type: none"> To add clarity To add clarity It is required from nurses perspective It is required from nurses perspective
VIII	-	2		Addition of new Unit Clinical Biochemistry <ul style="list-style-type: none"> Pre examination process Routine parameters- Renal function tests, Liver function tests, Arterial blood gases, Lipid profile, cardiac markers and electrolytes 	<ul style="list-style-type: none"> It is required from nurses perspective

Subject: Biophysics

Placement: I year P.B.B.Sc (N)

Course Content	Addition/modification	Justification
UNIT III Gravity	Add Density	Must know
UNIT IV Force, work, Energy: Their units of measurement.	Add Centrifugal and centripetal force Types of lever and lever mechanism in human body	To make it more specific
UNIT V	Add	To make it more specific


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Heat	Gas laws Calorimeter	and Exam point of view
UNIT VII Pressures	Add Central Venous Pressure	To make it more specific
UNIT VIII Sound	Add Mechanism of hearing	To make it more specific
UNIT IX Electricity and Electromagnetism	Add Electric charge, electric field, electric potential Ohm's Law Electric battery Laws of electromagnetic induction	To make it more specific
UNIT X Atomic Energy	Add Biological effects of radiation	To make it more specific Exam point of view

Subject: Microbiology

Placement: I year P.B.B.Sc (N)

Unit	Theory	Practical	Course Content	Addition/modification	Justification
I	2	3	Structure and classification of microbes.		Redistribution of hours into theory and practical
II	4	4	Immunity	Add <ul style="list-style-type: none"> • Antigen • Antibodies – IgG, IgM, IgA • Antigen-antibody reactions • Immunization schedule 	Desirable to know Redistribution of hours into theory and practical
III	2	4	Identification of micro-organisms	Add <ul style="list-style-type: none"> • Staining techniques, (Gram staining, Acid fast staining) • Hanging drop preparation • Culture media – (definition) 	To be more clear and specific Redistribute of hours into theory and practical




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				& Examples)	
IV	3	2	Growth and nutrition of microbes		Redistribute of hours into theory and practical
V	5	5	Destruction of micro-organisms		Redistribution of hours into theory and practical
VI	2	2	Disease producing micro-organisms	ADD Gram-positive bacilli-C.diphtheriae, Cl.tetani, Cl.perfringens Cocci-Staphylococci, Streptococci, Pneumococci	Specification of bacteria to be included
VII	2	2	Pathogenic fungi	Add Opportunistic infection-Candida	specific fungus mandatory to know redistribution of hours into theory and practical
VIII	3	2	Parasites and vectors	Add • Malaria • Helminths-Ascariasis, tapeworm, hookworm-ancylostomiasis	To be more specific Redistribution of hours into theory and practical
IX	3	2	Viruses	Add • Polio • Arbovirus • Dengue virus • Rabies • HIV • Hepatitis-HAV, HBV, HCV in brief	Desirable to know Redistribution of hours in to theory and practical
X	2	2	Micro-organism transmitted through food		Redistribution of hours
XI	2	2	Biomedical waste management • Microbiology and biotechnology	Add Hospital acquired infections	added as it is mandatory to know

Subject: Maternal Nursing

Placement: I year P.B.B.Sc (N)

UNIT	Prescribed hours	Course content	Addition/Modification	Justification
I	5	Introduction and historical review	Add PCPNDT act	Its desirable to know


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Subject: Child Health Nursing**Placement: I year P.B.B.Sc (N)**

SL.NO	HOURS		Course Content	Addition/Modification	Justification
	Prescribed	Proposed			
Unit V	4	4	Management of special child	Add Welfare services for challenged children in India Child guidance clinic	Student should know about the topic

Subject: English**Placement: I year P.B.B.Sc (N)**

Course Content	Addition/Modification	Justification
Unit-I Remedial study of grammar	ADD <ul style="list-style-type: none"> Review of grammar like Tenses, prepositions, Verbs, comparative and superlative adjectives, prepositions conjunctions and reported speech 	To make more specific

Subject: Community Health Nursing**Placement: II year P.B.B.Sc (N)**

unit	Prescribed Hours	Course Content	Addition/Modification	justification
I	4	Introduction		
II	8	Family health services	Add Bag technique Family coping index	To make more specific about the core aspect of home visiting need to incorporate. Must know
III	10	Health services in India	Modify National health policy.[1983,2002.2017] Add Indian public health standards (IPHS)	Need to know recent amendments. To make more clear
IV	4	Health Education	Unit heading is renamed as health Education/IEC	Heading made little broad in concept

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V	16	Role Of The Community Health Nurse National health programs	Polio eradication, Pulse Polio Programme, National Vector Borne Disease Control Programme., National Leprosy eradication programme, Revised national tuberculosis control programme, National AIDS/HIV control programme, National Nutritional Programmes, National Mental Health Programme.	To be more specific .the following national health programmes need to cover under national health programmes
VI	10	Epidemiology	Add Levels of prevention	Must know
VII	8	Bio-statistics and vital statistics	Add Health monitoring through MIS	This topic need to incorporate with this unit

Subject: Introduction to Nursing Education

Placement: II year P.B.B.Sc (N)

SL.NO	HOURS		Course Content	Addition/Modification	Justification
	Prescribed	Proposed			
		T	P		
Unit 1	5	5	-		Practical hours are distributed and mentioned 2Hours each shifted from unit VIII and unit-IX to unit II
Unit 2	6	10	30	Add Course plan Unit plan Rotation plans	
Unit 3	15	15	10	Methods of teaching	
Unit4	7	7	10	Educational media	
Unit 5	6	6	10	Method of assessment	
Unit 7	5	5		Management of school of nursing	
Unit 8	8	6	5	Guidance and counseling	
Unit 9	8	6	10	In-service education	
Total	60	60	75		

Subject: Introduction to Nursing Research & Statistics

Placement: II year P.B.B.Sc (N)

Unit	HOURS		Course Content	Addition/Modification	Justification
	Prescribed	Proposed	Descriptive statistics	Modify as	

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7	8	10		<ul style="list-style-type: none"> • Definition, uses of statistics • Scales of measurement • Frequency distribution and graphical presentation data • Inferential statistics - Chi square 	<p>To be more precise and organized Inferential statistics was not there</p> <p>Hours increased as lot to cover in this unit</p>
10	5	3	-	-	As limited portion to cover , 2 hours shifted to unit 7
			PRACTICUM: Students will conduct research project individually in selected areas of nursing and submit report as a college examination subject. (Group studies include studying of existing health practices, improved practices of nursing (procedures), health records, patient records and survey of nursing literature.(EXISTING)	Students will conduct research project in small groups in selected areas of nursing and submit a report (group studies may include studying of existing health practices, improved practices of nursing (procedures), health records, patient record and survey of nursing literature) (PROPOSED)	There is no practical exam, project is conducted in small groups



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