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ಪ್ರತಿಯೊಬ್ಬರಿಗೂ ಸಾಧನೆಯ ಮೆಟ್ಟಿಲೇರುವ ಎಫುಲ ಅವಕಾಶಗಳಿದ್ದರೂ ಸಾಧನೆಯನ್ನು ಸಾಧ್ಯವಾಗಿಸಿ ಕೊಂಡವರು ಕೆಲವರು ಮಾತ್ರ, ಇಂಥ ಸಾರ್ಥಕ ಬದುಕನ್ನು ಕಟ್ಟಿಕೊಂಡು ಮೌಲ್ಯಯುತ ಜೀವನ ನಡೆಸಿದ ಮಹಾನ್ ವ್ಯಕ್ತಿಗಳ ಜೀವನದ ಪ್ರಮುಖ ಘಟನೆಗಳ ಸ್ಕೂಲ ವಿಚಾರಗಳನ್ನು ಕಲಾತ್ಮಕವಾಗಿ ದಾಖಲಿಸುವುದೇ 'ವ್ಯಕ್ತಿ ಚಿತ್ರ'.

ಇಂದು ಆತ್ಮಕಥನ, ಜೀವನ ಚರಿತ್ರೆಗಳಂತೆ ವ್ಯಕ್ತಿ ಚಿತ್ರವು ಸಹ ಕನ್ನಡ ಸಾಹಿತ್ಯದಲ್ಲಿ ಪ್ರಮುಖ ಸ್ಥಾನ ಪಡೆದುಕೊಂಡಿದೆ.

'ಅಧಿಕಾರ' ಎಂಬುದು ಮನುಪ್ಯನ ವ್ಯಕ್ತಿತ್ವದ ಸತ್ವ ಪರೀಕ್ಷೆ ಎನ್ನುತ್ತಾರೆ. ಲೌಕಿಕ ಆಸೆ ಆಮಿಪಗಳಿಗೆ ಒಳಗಾಗದ ವ್ಯಕ್ತಿ ಆದರ್ಶ ವ್ಯಕ್ತಿತ್ವ ಹೊಂದಬಲ್ಲ ಎನ್ನುವ ಮಾತಿಗನುಗುಣ ವಾಗಿ, ಕನ್ನಡ ಸಾಹಿತ್ಯದಲ್ಲಿ - ಅಪ್ರತಿಮ ಧೀಮಂತರಾಗಿ ಬೆಳೆದವರು ಡಿ.ವಿ.ಜಿಯವರು.

ಸಾಹಿತಿಯಾಗಿ, ಪತ್ರಕರ್ತರಾಗಿ, ಸಂಪಾದಕರಾಗಿ ಮತ್ತು ರಾಜಕರಣಿಯಾಗಿದ್ದರೂ ಸಹ ಬದುಕಿನ ಮೌಲ್ಯಗಳಿಗೆ ಬೆಲೆ ಕೊಟ್ಟು ಜೀವನವನ್ನು ಸಾರ್ಥಕ ಗೊಳಿಸಿಕೊಂಡ ಈ ಮಹಾನ್ ಸಾಧಕನ ಆದರ್ಶ ಬದುಕಿನ ಚಿತ್ರಣವನ್ನು ಪ್ರಕೃತ ಗದ್ಯಭಾಗದಲ್ಲಿ ಸ್ಕರಿಸಲಾಗಿದೆ.

ಡಾ.ಎನ್.ಎಸ್.ಲಕ್ಷ್ಟೀನಾರಾಯಣಭಟ್ಟ ಅವರು 29.10.1936

ಕೃತಿಕಾರರ ಪರಿಚಯ :

ರಲ್ಲಿ ಶಿವಮೊಗ್ಗದಲ್ಲಿ ಜನಿಸಿದರು. ತಂದೆ ಶಿವರಾಮಭಟ್ಟ, ತಾಯಿ ಮೂಕಾಂಬಿಕೆ. ಬೆಂಗಳೂರು ವಿಶ್ವ ವಿದ್ಯಾಲಯದ

Total No. of Questions: 4]

P510

SEAT No. : [Total No. of Pages : 2

[5215]-330 T.Y. B.Sc.

BOTANY BO - 336 : Computational Botany (2013 Pattern) (Paper - VI) (Semester - III)

Time: 2 Hours]

[Max. Marks: 40

Instructions to the candidates:

- All questions are compulsory.
   Draw neat and labelled diagrams wherever necessary.
- 3) Figures to the right indicate full marks.

Q1) Answer the following:

[10]

- a) Define variable.
- b) What is relative growth rate (RGR)?
- c) Give any two properties of normal distribution curve.
- d) Differentiate primary and secondary data.
- e) Give any two objectives of classification of data.
- f) What is simple ratio?
- g) Give any two merits of sampling.
- h) Define percent frequency.
- i) Give the formula to calculate null hypothesis.
- Define crop growth rate (CGR).

Q2) Attempt Any Two of the following:

[10]

- a) What is mode? Give its merits and limitations.
- b) Define variance? Give an account of coefficient of variance.
- c) What is chi-square test (x²)? Give its significance.

P.T.O.

Visit www.shaalaa.com for more question papers

ತೀರ್ಥರೂಪರವರ ಪಾದಕಮಲದಲ್ಲಿ ನಿಮ್ಮ ಪ್ರೀತಿಯ ಮಗಳು ಗೌರಿಯ ಸಾದರ ಪ್ರಣಾಮಗಳು. ನಾನು ತಮ್ಮ ಆಶೀರ್ವಾದದಿಂದ ಆರೋಗ್ಯವಾಗಿದ್ದೇನೆ. ಮನೆಯಲ್ಲಿ ಎಲ್ಲರ ಕ್ಷೇಮಸಮಾಚಾರಗಳ ಬಗ್ಗೆ ಪತ್ರ ಬರೆಯಬೇಕಾಗಿ ಕೇಳಿಕೊಳ್ಳು ತೇನೆ.

ಇಲ್ಲಿ ನನ್ನ ಓದು ವ್ಯವಸ್ಥಿತವಾಗಿ ಸಾಗಿದೆ. ಬರುವ ತಿಂಗಳೇ ನಮಗೆ ಪರೀಕ್ಷೆ. ಈಗಾಗಲೇ ಶಾಲೆಯಲ್ಲಿ ಎಲ್ಲ ಪಾಠಗಳನ್ನೂ ಮುಗಿಸಿ ಪುನರಾವರ್ತನೆಯನ್ನೂ ಮಾಡಿದ್ದಾರೆ. ನಮಗೆ ಓದಿಕೊಳ್ಳಲೆಂದು ಈ ತಿಂಗಳ ಕೊನೆಯ ವಾರದಿಂದ ಬಿಡುವು ನೀಡುತ್ತಿದ್ದಾರೆ. ಪರೀಕ್ಷೆಯ ಸಿದ್ಧತೆಯ ಓದಿಗಾಗಿ ಒಂದು ವೇಳಾಪಟ್ಟಿಯನ್ನು ತಯಾರಿಸಿಕೊಂಡಿದ್ದೇನೆ. ಅದರಂತೆ ವ್ಯಾಸಂಗ ಮಾಡುತ್ತಿದ್ದೇನೆ. ಶಾಲೆಯಲ್ಲಿ ಒಳ್ಳೆಯ ಬೋಧನೆ ದೊರಕಿರುವುದರಿಂದ ನನಗೆ ಯಾವ ವಿಪಯವೂ ಕಪ್ಪವನಿಸುತ್ತಿಲ್ಲ. ಪರೀಕ್ಷೆಯಲ್ಲಿ ಉತ್ತಮ ಅಂಕಗಳೊಡನೆ ಉತ್ತೀರ್ಣಳಾಗುವನೆಂಬ ಭರವಸೆಯಿದೆ. ನಿಮ್ಮ ಆಶೀರ್ವಾದವಿರಲಿ ಎಂದು ಕೇಳಿಕೊಳ್ಳುವೆ.

ವಿಸರ್ಗಗಳಿದ್ದರೆ ಎಲ್ಲಾ ಕಡೆ ಅನುಸ್ವಾರ ವಿಸರ್ಗಗಳು ಬಂದಿರಬೇಕು. ಪ್ರಾಸದಲ್ಲಿ ಸಿಂಹಾಸ, ಗಜಪ್ರಾಸ, ವೃಷಭಪ್ರಾಸ,

ಅಜಪ್ರಾಸ, ಶರಭಾಸ ಹಾಗೂ ಹಯಪ್ರಾಸ ಎಂಬುದಾಗಿ ಆರು ವಿಧಗಳಿವೆ.

೨) ಯತಿ: ಪದ್ಯಗಳನ್ನು ಓದುವಾಗ ಅರ್ಥಕ್ಕನುಸಾರ ಅನುಸರಿಸುವ ನಿಲುಗಡೆಯನ್ನು 'ಯತಿ' ಎಂದು ಕರೆಯಲಾಗುತ್ತದೆ. ಕನ್ನಡದ ಕವಿಗಳು ಪ್ರಾಸಕ್ಕೆ ಪ್ರಾಧಾನ್ಯತೆ ನೀಡಿ ಯತಿಯನ್ನು ಅಲಕ್ಷಿಸಿದ್ದಾರೆ. ಹೀಗಾಗಿ ಹಳಗನ್ನಡದ ಪದ್ಯಗಳನ್ನು

ಓದುವುದು ಸ್ವಲ್ಪ ಕಪ್ಪವೆನಿಸುತ್ತದೆ.

 ನಿ) ಗಣ: ಗಣ ಎಂದರೆ ಗುಂಪು, ಸಮೂಹ ಎಂದು ಅರ್ಥ. ಪದ್ಯದ ಪ್ರತಿಯೊಂದು ಸಾಲಿನಲ್ಲೂ ಮಾತ್ರೆ, ಅಕ್ಷರ ಮತ್ತು

ಅಂಶಗಳ ಲೆಕ್ಕದಲ್ಲಿ ಗಣಗಳನ್ನು ವಿಂಗಡಿಸಲಾಗುತ್ತದೆ. ಗಣ ವಿಂಗಡಿಸುವ ಮೊದಲು ಪ್ರಸ್ತಾರ ಹಾಕುವುದನ್ನು ತಿಳಿದಿರ ಬೇಕು. ಪದ್ಯದ ಅಕ್ಷರಗಳಿಗೆ 'ಲಘು', 'ಗುರು' ಗುರುತಿಸುವುದನ್ನು 'ಪ್ರಸ್ತಾರ' ಅಥವಾ 'ಮಾತ್ರೆಗಳ ಲೆಕ್ಕಾಚಾರ' ಎನ್ನುತ್ತುವೆ. ಒಂದು ಮಾತ್ರಾಕಾಲದಲ್ಲಿ ಉಚ್ಚಾರ ಮಾಡಲಾಗುವ ಅಕ್ಷರಗಳನ್ನು ಲಘು' ಎಂತಲೂ, ಎರಡು

## ಲೇಖಕರ ಪರಿಚಯ:

'ಕಡಲ ತೀರದ ಭಾರ್ಗವ' ಎಂದೇ ಹೆಸರಾದ ಶಿವರಾಮ ಕಾರಂತರು ದಕ್ಷಿಣ ಕನ್ನಡ ಜಿಲ್ಲೆಯ ಕೋಟ ಎಂಬಲ್ಲಿ 10-10-1902 ರಂದು ಜನಿಸಿದರು. ಸಾಹಿತ್ಯದ ಎಲ್ಲ ಪ್ರಕಾರಗಳಲ್ಲಿ ಇವರು ಕೃತಿ ರಚನೆ ಮಾಡಿದ್ದಾರೆ.

## ಕೃತಿಗಳು:

ಕಾದಂಬರಿಗಳು:

ಚೋಮನದುಡಿ, ಮರಳಿ ಮಣ್ಣಿಗೆ, ಬೆಟ್ಟದ ಜೀವ, ಅಳಿದ ಮೇಲೆ - ಇವು ಕಾರಂತರ ಪ್ರಸಿದ್ಧ ಕಾದಂಬರಿಗಳು.

## ಕಥಾ ಸಂಕಲನಗಳು:

ಹಸಿವು, ಹಾವು, ಕವಿ, ಕರ್ಮ ಮುಂತಾದವುಗಳು. ಇವುಗಳಲ್ಲದೆ ನಾಟಕ, ಹರಟೆ, ಬಾಲ ಸಾಹಿತ್ಯ, ವಿಜ್ಞಾನ ಸಾಹಿತ್ಯ, ಅನುವಾದ, ನಿಘಂಟು ರಚನೆ ಮತ್ತು 'ಅಬೂವಿಂದ ಬರಾಮಕ್ಕೆ', 'ಅಪೂರ್ವಪಶ್ಚಿಮ', 'ಅರಸಿಕರಲ್ಲ', 'ಪಾತಾಳಕ್ಕೆ ಪಯಣ' ಪ್ರವಾಸ ಕಥನಗಳನ್ನೂ ಹಾಗೂ 'ಹುಚ್ಚು ಮನಸ್ಸಿನ ಹತ್ತು ಮುಖಗಳು' ಎಂಬ ಆತ್ಮಕಥನವನ್ನು ಯಕ್ಷಗಾನ ಬಯಲಾಟ ಜಾನಪದ ಸಾಹಿತ್ಯ ಮುಂತಾದ ಕೃತಿಗಳನ್ನು ರಚಿಸಿದ್ದಾರೆ.

ಪ್ರಶಸ್ತಿಗಳು: ಜ್ಞಾನಪೀಠ ಪ್ರಶಸ್ತಿ, ಕೇಂದ್ರ ಸಾಹಿತ್ಯ ಅಕಾಡಮಿ ಪ್ರಶಸ್ತಿ, ಪಂಪ ಪ್ರಶಸ್ತಿ ಮತ್ತು 1955ರಲ್ಲಿ ಮೈಸೂರಿನಲ್ಲಿ ನಡೆದ 37 ನೇ ಅಖಿಲ ಭಾರತ ಕನ್ನಡ ಸಾಹಿತ್ಯ ಸಮ್ಮೇಳನದ ಅಧ್ಯಕ್ಷರಾಗಿದ್ದರು.

No admission after the cut-off date i.e. 30th September will be undertaken. Explain the metabolism of proteins and amino acids and its alterations 4. Applied Biochemistry 7. • conservation of mechanical energy (kinetic and potential energies) V. Patient centered care Provide holistic care recognizing individual patient's preferences, values and needs, that is compassionate, coordinated, age and culturally appropriate safe and effective care. of both) 75 3 100 2 Midwifery /Obstetrics and Gynecology (OBG) Nursing (I&II) 25 Sem VII- 25 & Sem VII- 25 (with avg. Safety Minimize risk of harm to patients and providers through both system effectiveness and individual performance. 5 Note: I. Some basic concepts of chemistry II. 61 APPLIED BIOCHEMISTRY PLACEMENT: II SEMESTER THEORY: 1 credit (20 hours) DESCRIPTION: The course is designed to assist the students to acquire knowledge of the normal biochemical composition and functioning of human body, its alterations in disease conditions and to apply this knowledge in the nursing. Introduction to Forensic Nursing and Indian Laws VI Semester 25. 24. Integrate the principles of motivation and emotion in performing the role of nurse in caring for emotionally sick client. Society consists of dynamic and interactive systems involving individuals, families, groups and communities. And a fresh Govt. Scope of nursing practice encompasses provision of promotive, preventive, curative and rehabilitative aspects of care to people across the life span in a wide variety of health and health practices 6. 48 APPLIED SOCIOLOGY AND PSYCHOLOGY PLACEMENT: I SEMESTER THEORY: 5 Credits (100 Hours) Sociology-2 credits (40hrs) & Psychology -3 credits (60hrs) DESCRIPTION: This course is designed to enable the students to develop understanding about basic concepts of sociology and psychology and its application in personal and community life, health, illness and nursing. Explore the effect of alterations in structure 5. The maximum age limit for admission shall be 35 years. Read, interpret and comprehend content in text, flow sheet, framework, figures, tables, reports, anecdotes etc... 6. Through the educational process the students assimilate and synthesize knowledge, cultivate critical thinking skills and develop care strategies. ft. iii. • 1:15 teacher student ratio excluding Principal and Vice Principal • All teacher shall take classes, perform clinical teaching and supervision academic activities including Principal • Vice Principal • If the number of students are more than 60 there shall be two sections with minimum 30 students each. P-Block elements XII. 9. Teamwork and Collaboration Function effectively within nursing and interdisciplinary teams, fostering open communication, mutual respect, shared decision making, team learning and development. Demonstrate understanding and application of knowledge in caring for patients with restricted mobility 11. Health/Nursing Informatics & technology 24. 10. 4 hours Explain the metabolism of lipids and its Lipids • Fatty acids: Definition, classification • Lecture, • Discussion • Essay • Short 63. COURSE OUTLINE UNIT TIME in hours LEARNING OUTCOMES CONTENT TEACHING/ LEARNING ACTIVITIES ASSESSMENT METHODS I T-2 Define nutrition and its relationship to Health Introduction to Nutrition Concepts: Definition of Nutrition & Health • Malnutrition- Under Nutrition & Over Nutrition • Role of Nutrition • Role of Nutrition • Classification • Classifi Discussion • Charts/ Slides • Essay • Short answers • Very short answers • Very short answers IT T-2 Describe the classification, functions, sources and recommended Daily Allowances (RDA) • Dietary sources • Functions • Lecture cum Discussion • Charts/ Slides • Models • Models • Recommended Daily Allowances (RDA) • Dietary sources • Functions • Lecture cum Discussion • Charts/ Slides • Models • Models • Recommended Daily Allowances (RDA) • Dietary sources • Functions • Lecture cum Discussion • Charts/ Slides • Models • Recommended Daily Allowances (RDA) • Dietary sources • Functions • Lecture cum Discussion • Charts/ Slides • Models • Recommended Daily Allowances (RDA) • Dietary sources • Functions • Lecture cum Discussion • Charts/ Slides • Models • Recommended Daily Allowances (RDA) • Dietary sources • Functions • Lecture cum Discussion • Charts/ Slides • Models • Recommended Daily Allowances (RDA) • Dietary sources • Functions • Lecture cum Discussion • Charts/ Slides • Models • Recommended Daily Allowances (RDA) • Dietary sources • Functions • Lecture cum Discussion • Charts/ Slides • Models • Recommended Daily Allowances (RDA) • Dietary sources • Functions • Lecture cum Discussion • Charts/ Slides • Models • Recommended Daily Allowances (RDA) • Dietary sources • Functions • Lecture cum Discussion • Charts/ Slides • Models • Recommended Daily Allowances (RDA) • Dietary sources • Functions • Charts/ Slides • Recommended Daily Allowances (RDA) • Dietary sources • Functions • Charts/ Slides • Recommended Daily Allowances (RDA) • Dietary sources • Functions • Charts/ Slides • Recommended Daily Allowances (RDA) • Dietary sources • Functions • Charts/ Slides • Recommended Daily Allowances (RDA) • Dietary sources (RDA) • Dietary sources (RDA) • Dietary sources (RDA) • Dietary sources (RDA) • Dietar Essay • Short answers • Very short answers Vice- Principal cum Professor- Essential Qualification:-M.Sc (N) Experience after M.Sc (N) Total 12 years experience with M.Sc. (N) out of which 10 years teaching experience after M.Sc (N) Total 12 years experience with M.Sc. (N) a "Parent Hospital" would be a hospital" either owned and controlled by the trust or managed and controlled by a member of the trust. Explain different function tests and interpret the findings 8. Motivation, motivation cycle, biological and special motives • Emotions - Meaning of emotions, development alteration of emotion, emotions in sickness - handling emotions in self and other • Stress and adaptation-stress, stressor, cycle, effect, adaptation and coping • Attitudes - Meaning of attitudes, nature, factor affecting attitude, attitudes, nature, factor affecting attitude, attitudes - Meaning of attitudes - Meaning of attitudes - Meaning of attitudes, nature, factor affecting attitud Introduction • Role of nurse in caring for emotionally sick client • Lecture • Group Discussio n • Essay and short answer type • Objective type XV 4hrs Explain psychological assessment and tests - introduction • Types, development, characteristics, principles, uses, interpretation • Role of nurse in Psychological assessment • Lecture • Discussion • Demonstrati on • Short answer type • Assessment of practice XVI 12hrs Explain concept of soft skill • Types of soft skill - visual, aural and communication skill • The way of communication • Building relationship with client and society • Interpersonal Relationships (IPR): Definition, Types, and Purposes, Interpersonal skills, Barriers, Strategies to overcome barriers • Survival strategies- managing time, coping stress, resilience, work- life balance • Lecture • Group Discussion • Role play • Essay and short answers 55. Medical-surgical Nursing iii. Nurses collaborate with other health disciplines to solve individual and community health problems. Develop understanding about fundamentals of health assessment and perform health assessment in supervised clinical settings 7. Analyse the situation and apply critical thinking strategies 7. CORE COMPETENCIES FOR NURSING PRACTICE BY BSC GRADUATE (Figure 1) The B.Sc. Graduate nurse will be able to: 1. Individuals have a right to be active participants in achieving health as they perceive it. Further a trust can open only one nursing institution in one city/town. Genetics and Evolution • Chromosomes and genes • Sex determination in humans • Structure of DNA and RNA, Genetics and Evolution • Chromosomes and genes • Sex determination in humans • Structure of DNA and RNA, Genetics and Evolution • Chromosomes and genes • Sex determination in humans • Structure of DNA and RNA, Genetics and Evolution • Chromosomes and genes • Sex determination in humans • Structure of DNA and RNA, Genetics and Evolution • Chromosomes and genes • Sex determination in humans • Structure of DNA and RNA, Genetics and Evolution • Chromosomes and genes • Sex determination in humans • Structure of DNA and RNA, Genetics and Evolution • Chromosomes and genetics and Evolution • Chromosomes and genetics and Evolution • Chromosomes and genetics are considered by the constant of the constant expression and regulation VIII. 10 • Number of Nursing departments = 6 (Six) i. Communicative English 3. 47 X 4hrs Describe the structure of reproductive system The Reproductive system of breast • Male reproductive system. system- Spermatogenesis, hormones and its functions, semen • Application in providing nursing care • Lecture • Explain using charts, models, specimens • Short answer • MCQ XI 7hrs Describe the functions of brain, physiology of nerve stimulus, reflexes, cranial and spinal nerves Nervous system • Overview of nervous system • Overview o Review of types, structure and functions of neurons • Nerve impulse • Review functions of Brain- Medulla, Pons, Cerebrum, Cerebellum • Sensory and Motor Nervous system • Limbic system • Autonomic Nervous system • Limbic system • Autonomic Nervous system • Limbic system • Autonomic Nervous system • Nerve impulse • Review functions of neurons • Nerve impulse • Nerve impulse • Review functions of neurons • Nerve impulse • Review functions of neurons • Nerve impulse • N Functions of cranial nerves • Autonomic functions • Physiology of Pain- somatic, visceral and referred • Reflexes • CSF formation, circulation in nursing • Lecture cum Discussion • Video slides • Brief structured essays • Short answer • MCQ • Critical reflection 49. 22 VI SEMESTER S.No Course Assessment (Marks) Internal End Semester College exam End Semester University Exam Hours Total marks Theory 1 Child Health Nursing (I&II) 25 Sem V-25 &Sem VI- 25 (with average of both) 75 3 100 2 Mental Health Nursing (I&II) 25 Sem V-25 &Sem VI- 25 (with average of both) 75 3 100 3 Community Health Nursing I \*25 4 Midwifery/Obstetrics and Gynecology I \*25 Practical 4 Child Health Nursing (I&II) 50 (Sem V-25 & Sem VI- 25) 50 100 Practical Community Health Nursing I \*25 Midwifery/Obstetrics and Gynecology I \*25 \* Will be added to Community Health Nursing I \*25 Midwifery/Obstetrics and Gynecology I \*25 Practical 4 Child Health Nursing I \*25 Midwifery/Obstetrics and Gynecology I \*25 Practical 4 Child Health Nursing I \*25 Midwifery/Obstetrics and Gynecology I \*25 Practical 4 Child Health Nursing I \*25 Midwifery/Obstetrics and Gynecology I \*25 Practical 4 Child Health Nursing I \*25 Midwifery/Obstetrics and Gynecology I \*25 Practical 4 Child Health Nursing I \*25 Midwifery/Obstetrics and Gynecology I \*25 Practical 4 Child Health Nursing I \*25 Midwifery/Obstetrics and Gynecology I \*25 Practical 4 Child Health Nursing I \*25 Midwifery/Obstetrics and Gynecology I \*25 Practical 4 Child Health Nursing I \*25 Midwifery/Obstetrics and Gynecology I \*25 Practical 4 Child Health Nursing I \*25 Midwifery/Obstetrics and Gynecology I \*25 Practical 4 Child Health Nursing I \*25 Midwifery/Obstetrics and Gynecology I \*25 Practical 4 Child Health Nursing I \*25 Midwifery/Obstetrics and Gynecology I \*25 Practical 4 Child Health Nursing I \*25 Midwifery/Obstetrics and Gynecology I \*25 Practical 4 Child Health Nursing I \*25 Midwifery/Obstetrics and Gynecology I \*25 Practical 4 Child Health Nursing I \*25 Midwifery/Obstetrics and Gynecology I \*25 Nursing I&II and Midwifery I&II theory and practical respectively in the next semester. Perform admission, transfer, and discharge of a patient under supervision applying the knowledge 10. Prepare meals using different methods and cookery rules. The program prepares its graduates to become exemplary citizens by adhering to code of ethics and professional conduct at all times in fulfilling personal, social and professional obligations so as to respond to national aspirations. 54 • Applying soft skill in nursing XVII 5hrs Explain self-empowerment • Dimensions of self-empowerment • Self-empowerment • Importance of self-empowerment • Imp women's empowerment in society • Professional etiquette and personal grooming • Role of nurse in empowering others • Lecture • Discussio n • Short answers • Objective type 56. Describe the effect of alterations in functions 4. OVERVIEW OF THE PROGRAM The B.Sc. nursing degree program is a four-year fulltime program comprising eight semesters, which prepares a student to become a registered nurse qualified to practice in a variety of settings in either public/government or private healthcare settings. Identify relative positions of the major body organs as well as their general anatomic locations 4. • Minimum Educational Qualification i. Change of Trust/Society:- The trust/ Society cannot be purchased as per Indian Trust Act, but there can be change of members/trustees. Further Hall tickets/admit card shall not be issued to the candidates who are admitted after 30th September. 37 • Agreeing and disagreeing, giving opinions • Describing people, places, events and things, narrating, reporting & reaching conclusions • Evaluating and comparing • Complaints and suggestions • Telephone conversations • Delivering presentations V 5 hours Reading • Reading relevant articles and news items • Vocabulary for everyday activities, abbreviations and medical vocabulary • Understanding visuals, graphs, figures and notes on Instructions • Reading reports and interpreting them • Using idioms and phrases, spotting errors, vocabulary for • Detailed tasks and exercises on reading for information, inference and evaluation • Vocabulary games and puzzles for medical lexis • Grammar activities Reading/summarizing/Justifyi ng answers orally • Patient document • Doctor's Prescription of care • Journal/news reading and interpretation • Notes/Reports 39. Competencies that reflect practice standards of Indian Nursing Council (INC) address the areas of cultural diversity, communication technology, teamwork and collaboration, safety, quality, therapeutic interventions and evidence- based practice. 20 II SEMESTER S.No Course Assessment (Marks) Internal College exam\* University Exam\* Hour s Total marks Theory 1 Applied Biochemistry and applied Nutrition & Dietetics 25 75 3 100 2 Nursing Foundations (I & II) 25 I Sem-25 & II Sem-25 (with average of both) 75 3 100 3 Introduction to Community Health Nursing (Including Health Nursing (Including Health Nursing Foundations (I & II) 50 I Sem-25 & II Sem-25 & II Sem-25 & II Semester III SEMESTER S.No Course Assessment (Marks) Internal End Semester College exam End semester University Exam Hours Total marks Theory 1 Applied Microbiology and Infection Control including Safety 25 75 3 100 2 Pharmacology I and Pathology I \*25 2 Adult Health Nursing (Medical Surgical Nursing) I 25 75 3 100 3 Professionalism, Ethics & Professional values 25 25 1 50 Practical 4 Adult Health Nursing I 50 50 100 \* Will be added to the internal marks of Pharmacology II and Pathology II & Genetics in the next semester (Total weightage remains the same). AIMS The aims of the undergraduate program are to • Produce knowledgeable competent nurses with clear critical thinking skills who are caring, motivated, assertive and well-disciplined responding to the changing needs of profession, healthcare delivery system and society. Community Health Nursing II 30. 49 COURSE OUTLINE UNIT TIME (HRS) LEARNING ACTIVITIES ASSESSMENT METHODS I 1hr Describe the scope and significance of sociology in nursing Introduction • Definition, nature and scope of sociology • Significance of sociology in nursing • Lecture • Discussion • Essay • Short answers II 10hrs Describe the individualization, Groups, processes of Social structure • Basic concept of society, community, association and institution • Individual and society • Personal disorganization • Social group- meaning, characteristics, and classification. If a candidate fails in either theory or practical he/ she has to re-appear for both the papers (Theory and practical). If the institution wants to restart the programme they have to submit the fees along with a valid justification, SNRC/University approval for the same to be submitted to Indian Nursing Council within 5 years i.e, from the year they did not have admissions or else it will be be come under new Nursing institution definition. Pathology II & Genetics 17. The choice-based system is applicable to electives only and is offered in the form of modules. • Social processes- definition and forms, Co-operation, competition, competition, assimilation, isolation • Socialization • Structure and characteristics of urban, rural and tribal community. Child Health Nursing 5. Candidate shall appear for exams in each semester; - a) The candidate shall have cleared all the previous examination before appearing for fifth semester examination. For a College with an annual admission capacity of 60 students, the constructed area of the college should be 22800 square feet. Applied Nutrition & Dietetics 8. 14. States of matter: gases and liquids VI. 56 services primary (health promotion), secondary and tertiary • Levels of care-Primary, Secondary and Tertiary • Types of health care agencies/ Services- Hospitals, clinics, Hospitals, clinics, Hospitals: Types, Organization and Functions • Health care teams in hospitals-members and their Role to Primary Health Centre (observation of real settings) type • Visit report III 12 T Trace the history of Nursing Explain the concept, nature and scope of nursing Describe values, code of ethics and professional conduct for nurses in India History of Nursing as a profession • History of Nursing Describe values, Characteristics, nature and Scope of Nursing/ Nursing practice, Functions of nurse, Qualities of a nurse, Categories of nursing as a profession • Case discussion Role plays • Essay • Short answers • Objective type IV 8 T 3 L Describe the process, principles, and types of communication Explain therapeutic, non therapeutic and professional communication Explain therapeutic, non therapeutic and professional communication effectively with patients, their families and team Communication Explain therapeutic, non therapeutic and professional communication effectively with patients and team Communication effectively with patients. Process, Types, Modes, Factors influencing communication • Methods of effective communication • Communication • Professional communication • C effectively with patient, families and team members • Maintaining effective human relations • Lecture • Discussion • Role play and video film on Therapeutic Communication • Essay • Short Answers • Objective type 58. Explain acid base balance, imbalance and its clinical significance 6. Communicative English iv. Ecology and environment • Population and ecological adaptations • Air pollution and its control; Water pollution and its control; Water pollution and its control • Solid waste management, Radioactive waste standards that is consistent with moral, altruistic, legal, ethical, regulatory and humanistic principles. for each students) Double Room 2. Health is a right of all people. Note:- The institution offering General Nursing Midwifery programme) will be exempted from the requirement of parent hospital. Pass mark for the module is C -50% minimum. • Class system and status • Social mobility-meaning and types • Race- concept, criteria of racial classification • Influence of class, caste and race system on health. 6 MINIMUM REQUIREMENTS FOR B.SC(N) PROGRAMME PHYSICAL FACILITIES Teaching Block: • The college of Nursing should be within 30 Km Distance from its parent hospital having space for expansion in an institutional area. 1 B.Sc NURSING PROGRAM I. Apply nutrient and dietary modifications in caring patients. 52 X 5hrs Explain mentally healthy person and defence mechanisms Mental health and mental hygiene • Concept of mental health and mental hygiene • Characteristic of mentally health yerson • Warning signs of poor mental health strategies and services • Defense mechanism and its implication • Frustration and conflicts and measurements to overcome • Role of nurse in reducing frustration and conflict and enhancing coping. No Areas of Clinical Experience Number of Beds 1 Medical 45 2 Surgical 45 3 Obst. 36 III 5 hours Demonstrate attentive Listening in different situations, narratives, instructions, discussions, demonstrations • Reproducing Verbatim • Listening to academic talks/ lectures • Listening to announcements, news, documentaries with tasks based on listening for specific information • Listening for overall meaning and instructions • Listening to attitudes and opinions • Listening to audio, video and identify key points IV 9 hours Conversation situations- informal, formal and neutral • Factors influencing way of speaking- setting, topic, social relationship, attitude and language • Greetings, Introductions, requesting, asking for and giving permission, speaking personally and casual conversations • Asking for and giving permission, speaking activities related to the content • Guided with prompts and free discussions • Presentation techniques • Talking to peers and other adults. Motion of system of • Lecture cum discussions • Presentation techniques • Talking to peers and other adults. Motion of system of • Lecture cum discussions • Presentation techniques • Talking to peers and other adults. Motion of system of • Lecture cum discussions • Presentation techniques • Talking to peers and other adults. COURSE OUTLINE UNIT TIME (HRS) LEARNING OUTCOME S CONTENT TEACHING LEARNING ACTIVITIES ASSESSMEN T METHODS I 3 hrs Describe the physiology including transportation across cell membrane • Body fluid compartments, Distribution of total body fluid, intracellular and extracellular compartments, major electrolytes and maintenance of homeostasis • Cell cycle • Tissue- formation, repair • Membranes and glands- functions • Application in nursing • Review - discussion • Video demonstrations • Quiz • MCQ • OSPE • Short Answer questions 45. Health is a state of well-being that encompasses physical, psychological, social, economic and spiritual dimensions. Describe the metabolism of hemoglobin and its clinical significance 7. Criteria for Affiliation:- The types of experience for which a nursing college can affiliate are: • Community Health Nursing 9. Mastery of competencies is the main focus. Ph.D.(N) is desirable 2. 4. 13. 3. Structure of atom III. Recall and refresh their knowledge and understanding of concepts, principles and its alterations 3. Following exams shall be conducted as College exam and minimum pass is C grade (5 point) and to be sent to the University for inclusion in the marks sheet and shall not be considered for calculating aggregate. Ph.D.(N) is desirable 4. 16. Apply LSRW (Listening, Speaking, Reading and Writing) Skill in combination to learn, teach, educate and shall not be sent to the University for inclusion in the marks sheet and shall not be considered for calculating aggregate. Ph.D.(N) is desirable 4. 16. Apply LSRW (Listening, Speaking, Reading and Writing) Skill in combination to learn, teach, educate and shall not be sent to the University for inclusion in the marks sheet and shall not be considered for calculating aggregate. hypothetical situations 4. The undertaking would also be to the effect that the Member of the Trust would not allow the hospital to be treated" Parent/Affiliated Hospital to be treated by all members of trust to the undertaking to be submitted from the Members of the Trust. • Prepare nurses to assume role of practitioner, teacher, supervisor and manager in clinical or public health settings. Absolute grading is used by converting the marks to grade, based on predetermined class intervals. Identify the relative contribution of each organ system towards maintenance of homeostasis 3. iv. UGC 10point grading system is used with pass grade modified. Introduction to Community Health Nursing (Including Health Nursing (Including Health Care Policy & Regulation and Environmental science) I & II Sem III Semester 10. Apply knowledge of anatomic structures to analyze clinical situations and therapeutic applications COURSE OUTLINE UN IT TIME (HRS) LEARNING OUTCOMES CONTENT TEACHING LEARNING ACTIVITIES ASSESSMENT METHODS I 6 Define the terms relative to the anatomical position Describe the terms used to describe the terms used to describe the terms used to describe the terms relative to position anatomical terms and organization of the human body. dorsal, superior, inferior, median, lateral, proximal, distal, superficial, deep, prone, supine, palmar and plantar • Anatomical planes (axial/transverse/ horizontal, sagittal/vertical plane and coronal/frontal/oblique plane) • Movements (flexion, extension, adduction, medial rotation, inversion, eversion, supination, extension, eversion, eve cum Discussion • Use of models • Video demonstration • Use of microscopic slides • Quiz • MCQ • Short Answer questions 41. The candidates should have passed from State Government and National Institute of Open School (NIOS) recognized by Central Government. Explain the general and microscopic structure of each system of the body 3. COURSE OUTLINE UNIT TIME (HRS) T & L/SL LEARNING OUTCOMES CONTENT TEACHING LEARNING ACTIVITIES ASSESSMENT METHODS I 5 T Describe the concept of health and illness Introduction to health and illness • Concept of Health: Definitions (WHO), Dimensions • Maslow's hierarchy of needs • Health -Illness continuum • Factors influencing health • Causes and risk factors for developing illness on patient and family • Lecture • Discussion • Essay • Short answers • Objective type II 5 T 2 L Describe the levels of Illness prevention and care, health care Health Care delivery Systems: Introduction of basic concepts & meanings • Levels of Illness Prevention- • Lecture • Discussion • Experiential learning - Visit • Essay • Short Answers • Objective 57, 8, Health and community orientation are provided with special emphasis on national health problems, national health programs and national health programs and national health programs are provided with special emphasis on national health programs. for all citizens of India. Identify the educational needs of patients and demonstrate basic skills of patients and demo indicated. This is achieved through learning in skill lab/simulated labs and clinical environment. Physical World and Measurement • Physical world • Units and Measurements II. Work, energy and power • kinetic energy, work- energy, power. 16 4. The start of the semester shall be 1st August every year. Letter grade Grade point Percentage of marks O (outstanding) 10 100% A+ (Excellent) 9 90-99.99% A (Very Good) 8 80-89.99% B+ (Good) 7 70-79.99% B (Above average) 6 60-69.99% C (Average) 5 50-59.99% B (Above average) 6 60-69.99% C (Average) 5 50-59.99% B+ (Good) 7 70-79.99% B (Above average) 6 60-69.99% C (Average) 5 50-59.99% B+ (Good) 7 70-79.99% B+ % and above Computation of Semester Grade Point Average (SGPA) and Cumulative Grade Point average (CGPA) SPGA- Is the weighted average of the grade points obtained in all courses by the student during the semester (All courses excluding English and electives) Ex. SGPA computation Course Number Credit/s Letter grade Grade point Credit point (Credit X grade) 1 3 (C1) A 8 (G1) 3x8=24 2 4 (C2) B+ 7 (G2) 4x7=28 3 3 (C3) B 6 (G3) 3x6=18 SGPA= C1G1+C2G2+C3G3 C1+C2+C3 = 70 = 7 (rounded off to two decimal points) 10 Computation of CGPA CGPA is calculated with SGPA of all semesters to two decimal points and is indicated in final grade in mark card/transcript showing grades of all 8 semesters and their courses/subjects. Enhance expressions through writing skills 8. Vice Principal Room 200 10. Declaration of Pass First Class-CGPA of 5.00-5.99 2. Describe the metabolism of carbohydrates and its alterations 2. Redox reactions IX. I.b 100 beds is not sufficient to offer clinical experience/ specialities to students as laid down in the B.Sc (Nursing) syllabus. • Lecture • Case discussio n • Role play • Essay type • Short answer • Objective type XI 5hrs Describe psychology of people in different age groups and role of nurse Developmental psychology • Psychological needs of various groups

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or other equivalent Board. 5hour s Explain the metabolism of amino acids and proteins Identify alterations in disease conditions Proteins & related disorders • Biologically important compounds synthesized from various
 amino acids (only names) • In born errors of amino acid metabolism - only aromatic amino acid metabolism - types, function & normal electrophoresis, normal & abnormal electrophoretic patterns (in brief) • Lecture cum Discussion • Explain
 using charts, models Slides • Essay • Short answers • Very short answers
diseases-CK, Aldolase o Bone diseases-ALP o Prostate cancer-PSA, ACP • Lecture cum Discussion • Explain using Charts & slides • Essay • Short answers • Very short answers • Very
to wellness, health promotion, illness, disease management and care of the dying is core to nursing practice. The teaching learning process is focused on mastery learning, modular, self-directed and self-accountable in choice making in terms of elective courses. 29 GENERAL SCIENCE PLACEMENT: I SEMESTER THEORY: 4Credits (80 hours)
 DESCRIPTION: The course is designed to enable students to refresh their knowledge and understanding gained during the previous education that will enhance their ability to apply the same in nursing practice. Pharmacology, genetics, pathology: Section A of Pharmacology with 38 marks, Section B of Pathology of 25 and Genetics with 12 marks
 Teachers who are involved in teaching non-nursing subjects can be the examiners for the programme. The following Establishments / Organizations are eligible to establish during cell-structure and functions. Cell division: Cell division: Cell cycle, mitosis, meiosis and their
 significance IV. Plan therapeutic diet for patients suffering from various disease conditions. Dining Hall 3000 8. Biology and Human Welfare • Health and Disease: Pathogens; parasites causing human diseases • Basic concepts of immunology, Microbes in human welfare 34. Hydrogen X. IX. Change of Name of the Institution:- If the Trust/society
 proposes to change the name of the institute, a valid reason has to be submitted. Human Physiology • Digestion and absorption • Breathing and Respiratory • Lecture cum discussion • Self-directed learning • Assignments • MCQ • Short answer • Evaluation of assignments 33. In respect of candidates belonging to SC/ST/OBC and
candidates with benchmarked disabilities under the Rights of Persons with Disabilities Act, 2016 (PH) the marks obtained in core subject stated above shall be 40% instead of 45 % marks for General category Candidates. 1:3 student patient ratio to be maintained. i. The eligible Organizations / Establishments should obtain Essentiality Certificate / No.
 objection Certificate from the concerned State Government where the B.Sc. (Nursing) College of Nursing is sought to be established. a. Gravitation VII. The program prepares nurses for generalist nursing practice. One internal and One external examiners should jointly conduct practical examination for each student 17. Identify the impact of culture
on health and illness 4. Educational Technology/Nursing Education III & IV Sem V Semester 19. 26 VI. • What are communication roles of listeners, speakers, readers and writers as healthcare professionals? 61. 27 CGPA reflects the failed status in case of fail till the course/s are passed Semester 19. 26 VI. • What are communication roles of listeners, speakers, readers and writers as healthcare professionals? 61. 27 CGPA reflects the failed status in case of fail till the course/s are passed Semester 19. 26 VI. • What are communication roles of listeners, speakers, readers and writers as healthcare professionals? 61. 27 CGPA reflects the failed status in case of fail till the course/s are passed Semester 19. 26 VI. • What are communication roles of listeners, speakers, readers and writers as healthcare professionals?
SGPA: 6.5 CrxSGPA=20x6.5 Cr: 22 SGPA: 7.0 Cr: 25 SGPA: 5.5 Cr: 26 SGPA: 5.5 Cr: 27 SGPA: 5.5 Cr: 27 SGPA: 5.5 Cr: 28 SGPA: 5.5 Cr: 28 SGPA: 5.5 Cr: 28 SGPA: 5.5 Cr: 29 SGPA: 5.5 Cr: 20 SGPA: 5.
 all semesters. 6. 43 APPLIED PHYSIOLOGY THEORY: 2.5 Credits (50 hours) DESCRIPTION: The course is designed to assists student to acquire comprehensive knowledge of the normal functions of the organ systems of the human body to facilitate understanding of physiological basis of health, identify alteration in functions and provide the student
with the necessary physiological knowledge to practice nursing. Chemical bonding and molecular structure V. Thermodynamics IX. Internship (Intensive practicum/ Residency posting) VII & VIII Sem BSC NURSING PROGRAM-Four years (8 semesters) CHOICE BASED CREDIT SYSTEM (CBCS) & SEMESTER SYSTEM COMPETENCY BASED
CURRICULUM 14. No two institutions will have same name in same city/town. Describe the principles and techniques of infection control and biomedical waste management 8. 2. 34 COMMUNICATIVE ENGLISH PLACEMENT: I SEMESTER THEORY: 2 Credits (40 hours) DESCRIPTION: The course is designed to enable students to enhance ability to
speak and write the language (and use English) required for effective communication in their professional work. The Indian Nursing Council shall after receipt of the above documents / proposal online would then conduct Statutory Inspection of the receipt of the above documents / proposal online would then conduct Statutory Inspection of the receipt of the above documents / proposal online would then conduct Statutory Inspection of the receipt of the above documents / proposal online would then conduct Statutory Inspection of the receipt of the above documents / proposal online would then conduct Statutory Inspection of the receipt of the above documents / proposal online would then conduct Statutory Inspection of the receipt of the above documents / proposal online would then conduct Statutory Inspection of the receipt of the above documents / proposal online would then conduct Statutory Inspection of the receipt of the above documents / proposal online would then conduct Statutory Inspection of the receipt of the above documents / proposal online would then conduct Statutory Inspection of the receipt of the above documents / proposal online would then conduct Statutory Inspection of the receipt of the above documents / proposal online would then conduct Statutory Inspection of the receipt of the above documents / proposal online would then conduct Statutory Inspection of the receipt of the above documents / proposal online would then conduct Statutory Inspection of the receipt of the above documents / proposal online would then conduct Statutory Inspection of the receipt of the above documents / proposal online would be receipt of the above documents / proposal online would be receipt of the above documents / proposal online would be receipt of the above documents / proposal online would be receipt of the above documents / proposal online would be receipt of the above documents / proposal online would be receipt of the above documents / proposal online would be receipt of the above documents / proposal online 
 assess the suitability with regard to availability of Teaching faculty, Clinical and Infrastructural facilities in conformity with Regulations framed under the provisions of Indian Nursing Council Act, 1947. 25 75% of total internal marks 12. Other Specialties/Facilities for clinical experience required are as follows: • Major OT • Minor OT • Dental
 Eye/ENT • Burns and Plastic • Neonatology • Cardiology • Cardiology • Cardiology • Communicative English • Applied Anatomy & applied Anatomy • Cardiology • Communicative English • Applied Anatomy • Cardiology • Ca
 Physiology • Applied Sociology • Regulation and dietetics • *Nursing Foundations II including First Aid module • Introduction to Community Health Nursing including Health Nursing Foundations II including First Aid module • Introduction to Community Health Nursing Foundations II including First Aid II including First Aid II including First Aid module • Introduction to Community Health Nursing Foundations II including First Aid II inc
Semester • Applied Microbiology and Infection Control including Safety • Pharmacology I • *Adult Health (Medical Surgical) Nursing I with integrated pathophysiology • Professionalism, Professio
 Nursing II including Geriatric Nursing Water and Statistics • Health/Nursing I • Nursing Management & Leadership • Nursing Research and Statistics • Health/Nursing Informatics & technology • Educational Technology • Educa
 Introduction to Forensic Nursing & Indian Laws Mandatory Modules *PLS/PALS, IMNCI, Essential Newborn Care & Facility Based Newborn Care (FBNBC) VI Semester • Child Health Nursing II • *Community Health Nursing II • *C
 Module * Standard treatment protocols used in national health programmes (Part I from NPPHC syllabus - draft) VII Semester • *Community Health Nursing II • **Midwifery/Obstetrics and Gynecology (OBG) Nursing II Mandatory Module * Standard treatment protocols used in national health programmes (Part II from NPPHC syllabus - draft) ** SBA
 module (VI / VII Sem) VIII Semester Internship (Intensive practicum/ Residency posting) Mandatory Module ACLS 15. Introduction of Forensic nursing iii. 2 technologies in profession. Pharmacology II 16. VII. Oscillations • Waves I- XIV 20 hours Review and recall the knowledge and application of concepts and principles of
Chemistry CHEMISTRY I. Multipurpose Hall 3000 6. a) Registered Private or Public Trust; b) Organizations Registered under Societies Registration Act including Missionary Organizations in disease • Application and implication in nursing • Lecture
Explain using charts • Short answer • MCQ VII 4hrs Describe the structure of various sensory organs • Functions of skin • Vision, hearing, taste and smell • Errors of refraction, aging changes • Application and implications in nursing • Lecture • Video • Short answer • MCQ VIII 4hrs Describe the functions of bones, joints,
various types of muscles, its special properties and nerves supplying them Musculo-skeletal system • Bones- Functions, movements • Alteration of joint disease • Properties and Functions of skeletal muscles - mechanism of muscle contraction • Structure and
properties of cardiac muscles and smooth muscles • Application and implication in nursing • Lecture • Discussion • Video presentation • Structured essay • Short answer • MCQ IX 4hrs Describe the physiology of renal system Renal system Renal system Renal system • Functions of kidney in maintaining homeostasis • GFR • Functions of ureters, bladder and urethra
 Micturition • Regulation of renal function • Application and implication in nursing • Lecture • Charts and models • Short answer • MCQ 48. 5. Identify nutritional needs of different age groups and plan a balanced diet for them. Teaching shall be done by the Nursing faculty and will be supplemented by the guest faculty who are doctors/ PG
 qualification in the requisite subject. • Aptitude- concept, types, individual differences and variability • Psychometric assessment of cognitive processes XIV 6hrs Describe motivation, emotion, attitude and role of nurse in emotionally sick client. 5. Ft. Note:-1:5 computer student ratio as per student
 intake. Introduction to Community Health Nursing 26. INTERNAL ASSESSMENT AND GUIDELINES The marks distribution of internal assessment is shown in Appendix 2 and the specific guidelines in Appendix 3 3. • Obst, Gynaecology, Paediatrics, Ortho etc. 9 STAFFING PATTERN Table -I Qualifications & experience of teachers of college of
 Nursing S.No. POST, QUALIFICATION & EXPERIENCE 1. • Colour Blind candidates are eligible provided that colour corrective contact lens and spectacles are worn by such candidates. 14 MANDATORY MODULES: The prepared modules (Health Assessment) and available modules as National guidelines (First Aid-NDMA, IMNCI, ENBC, FBNBC, F
SBA module, and National program treatment protocols will be provided in separate learning resource package) For BCLS, ACLS, PLS/PALS- Standard national/international modules can be used ELECTIVE MODULES Number of electives by end
of 4th semester across 1st to 4th semesters • Human values • Diabetes Care • Palliative care • Disaster Management V & VI Semesters: To complete any one of the following before end of 6th semesters • CBT • Personality development of the following before end of 6th semesters: To complete any one of the following before end of 6th semesters: To complete any one of the following before end of 6th semesters:
psychology • Menopausal health • Health Economics VII & VIII Semesters: To complete any one of the following before end of 8th semester • Scientific writing skills • Lactation management • Sexuality & Health • Stress management • Job readiness and employability in health care setting • Soft Skills 16. Clinical requirements for Nursing program
 are as given below: S. Classification of elements and provide ethical care with respect and dignity and protect their rights. 41 IV 5 Describe the structure of circulatory and lymphatic system. The Circulatory and lymphatic are with respect and dignity and protect their rights.
 system • Structure of blood components, blood vessels- Arterial and Venous system • Position of heart relative to the associated structures • Chambers of heart • Lymphatic tissue • Veins used for IV injections • Application and implication in nursing • Lecture •
 Models Video /slides • Short answer • MCQ V 4 Identify the major endocrine glands and describe the structure of Hypothalamus, Pineal Gland, Pituitary gland, Thyroid, Parathyroid, Thymus, Pancreas and Adrenal glands • Lecture • Short answer questions • Objective type VI 3 Describe the
structure of various sensory organs • Structure of skin, eye, ear, nose and tongue • Application and implications in nursing • Lecture • Explain with Video/models/ charts • Short answer • MCQ VII 8 Describe anatomical position and structure of bones and joints Identify major bones that make up the axial and appendicular
skeleton Classify the joints Identify the application and implications in nursing Describe the structure of muscle The Musculoskeletal system. The skeletal system of Anatomical positions of muscle The Musculoskeletal system. The skeletal system of muscle The Musculoskeletal system.
in nursing The Muscular System • Types and structure of Muscles • 
 diversity, race, caste, creed, socio economic levels, religion, lifestyles, changes in environment and political factors influence it. 30 particles and rigid body- System of particles and rotational motion VI. • Role of nurse in environment and political factors influence it. 30 particles and rigid body- System of particles and rotational motion VI. • Role of nurse with vulnerable group • Lecture • Group • discussion • Essay • Short answer XII 4hrs Explain personality and role of nurse in
identification and improvement in altered personality • Meaning, definition of personality • Role of nurse in Identification of individual personality • Role of nurse in Identification of o
OVERALL PLAN Duration of the program: 8 semesters 1-7 Semesters One Semester Plan for the first 7 semesters Total Weeks per Semester Number of Working Days: Minimum of 100 working days (5 days/weekx20 weeks) Vacation,
Holidays, Examination and Preparatory Holidays-2 weeks Vacation: 3 weeks Vacation: 4 weeks Vacation (Professor or Associate shall head of the department) ii. • Cell structure, Cell structure
division • Tissue-definition, types, characteristics, classification, location • Membrane, glands- classification and structure • Identify major surface and bony landmarks in each body region, Organization of human body • Hyaline, fibro cartilage, elastic cart
 • Lecture cum discussion • Video slides • Anatomical Torso II 5 Describe the structure of respiratory system • Structure of the organs of respiration • Muscles of respiration • Application and implication in nursing • Lecture cum
 discussion • Models • Video slides • Short answer questions Objective type III 5 Describe the structure of digestive system • Applications in nursing • Lecture cum discussion • Video slides • Anatomical Torso • Short answer • Objective type 42.
Change of location (district/town/city/village) shall be considered under new proposal. Apply the knowledge of social structure and different culture in a society in identifying social needs of sick clients 3. Ft Grand Total 43900 Sqr. • Prepare graduates to assume responsibilities as professional, competent nurses and midwives in providing promotive
preventive, curative and rehabilitative healthcare services in hospital or public health Nursing II 26. Syllabus Revised Basic B.Sc. Nursing Indian Nursing Council 08th Floor, NBCC Centre, Plot No. 2, Community Centre, Okhla Phase - 1, New Delhi - 110020 2. 59 of hospital waste, waste segregation and hazards X 12 T 20 L
  Identify and meet the comfort needs of the patients Comfort, Rest & Sleep and Pain • Comfort - o Factors Influencing Comfort o Types of beds & bed making o Therapeutic positions o Comfort devices • Sleep and Rest - o Physiology of sleep o Factors affecting sleep o Promoting Rest and sleep o Sleep Disorders • Pain (Discomfort) o Physiology of sleep and Rest - o Physiology of sleep o Factors affecting sleep o Promoting Rest and sleep o Sleep Disorders • Pain (Discomfort) o Physiology of sleep and Rest - o Physiology of sleep
 Common cause of pain o Types o Assessment o Pharmacological and Non- pharmacological pain relieving measures o Invasive techniques of pain management o CAM (Complementary & Alternative healing Modalities) • Lecture • Discussion • Demonstration and re demonstration • Essay • Short answers • Objective type XI 3 T 5 L Describe the
concept of patient environment Promoting Safety in Health Care Environment • Physical environment • Physical environment • Role of nurse in
 providing safe and clean environment • Safety devices: o Restraints- Types, Purposes, Indications, Legal Implications and Consent, Application of Restraints- Skill and Practice guidelines Other Safety Devices: Side rails, Grab bars, Ambu alarms, non-skid slippers etc. Sanitary One latrine & One Bath room (for 5 students) - 600× 4 = 2400 3. Health
informatics and Technology Use technology Use technology and synthesize information and collaborate to make critical decisions that optimize patient outcomes. The Nursing Staffing norms in the Parent and affiliated Hospital should be as per the INC norms. Minimum pass marks shall be 40% (P grade/4 point) for English only 7. Laws of motion • Laws of
 conservation of linear momentum and its applications • Laws of friction IV. COURSES OF INSTRUCTION S.No. SEMESTER COURSE NO. Structural Organization in Animals and Plants: • Plant tissues; Morphology, anatomy and functions of different systems
III. The certificate issued should indicate clearly total covered area of the nursing institution, number of rooms along with area specification, provision of adequate washroom facilities, lighting and ventilation etc of the new building. The undergraduate nursing program is broad based education within an academic curricular framework specifically
 directed to the development of critical thinking skills, competencies appropriate to human and professional values. Admission is sought. Identify the importance of psychology in individual and professional life 9. 36. The faculty
 has the responsibility to be role models and create learning environment that facilitates cultivation of critical thinking, curiosity, creativity and inquiry driven self- directed learning in students. Visitor Room 500 4. Biotechnology and Its Applications • Biotechnology in health and agriculture X. Recreation Room 500 7.
Separate teaching block shall be available if it is in hospital premises. Adult Health (Medical Surgical) Nursing I with integrated pathophysiology 14. The main roles of graduates would be provider of care with beginning proficiency in delivering safe care, coordinator/manager of care by being active participant of inter-professional team and member
of a profession demonstrating self-responsibility and accountability for practice as well as to support the profession. Professor- Essential Qualification:- M.Sc (N) Develop understanding about the concept of health, illness and scope
of nursing within health care services 2. Kinematics • Motion in a straight line • Motion in a plane • Uniform circular motion III. VIII. Shift-wise management with other educations I II Semester 6. • Major health problems in urban, rural and tribal communities
 Importance of social structure in nursing profession • Lecture cum Discussion • Essay type • Short answers • objective type III 5hrs Describe culture • Difference between culture and civilization • Culture and 
 socialization • Transcultural society • Culture, Modernization and its impact on health and disease • Lecture • Panel discussion • Essay • Short answer 51. Nursing as a profession and a discipline utilizes knowledge derived from arts, sciences (physical, biological and behavioral), humanities and human experience. b. At least 50% of the Non-nursing
 subjects like Anatomy & Physiology, Biochemistry, Biophysics, Psychology, Microbiology, English and Computer Science should be taught by the Nursing teachers. Wellness is the individual's perception of wellness and is influenced by the presence of disease and individual's ability to adapt. If, no
 admission are made for two consecutive academic years then it shall be considered that the institution is closed. VI. Apply values, code of ethics and professional life 3. Note: A committee to be formed consisting of medical officer authorized by medical board of State government and a nursing expert in the panel which may
decide whether the candidates have the disability of loco-motor to the tune of 40% to 50% and also for the color blind candidates. Environmental chemistry • Lecture cum discussion • Self-directed learning • Assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short answer • Evaluation of assignments • MCQ • Short 
of bulk matter- Mechanical properties of solids, fluids Thermal properties of solids Thermal properties of solids Thermal 
 practitioners in response to emerging issues in healthcare and new discoveries and 3. Reproduction • Sexual reproductive health VII. It adopts credit system as per UGC guidelines. Trust/society can open number of institutions, but
 it will be considered as one institution under the ambit of one Trust. 7. Evidence based practice Identify, evaluate and use the best current evidence coupled with clinical expertise and consideration of patient's preferences, experience and values to make practical decisions. Therefore the purchase of institution or change of membership will not be
 considered as continuation of the programme. Communication Interact effectively with patients, families and colleagues fostering mutual respect and shared decision making to enhance patient satisfaction and health outcomes. • Psychology and sensation- sensory process -normal and abnormal • Lecture • Discussio n • Essay and short answer type
53. ii. Core courses 1.Nursing Foundations 2. COURSE OUTLINE UNIT TIME LEARNING OUTCOMES CONTENT TEACHING/ LEARNING ACTIVITIES ASSESSMENT METHODS I-X 20 hours Review and recall the knowledge and application of concepts and principles of Physics PHYSICS I. Curricular Framework COURSES I. 50 IV 5hrs Explain
family, marriage and legislation related to marriage family and Marriage • Family characteristics, basic need, types and functions of family. A candidate has to pass in theory and practical exam separately in
 each of the paper. To be an examiner for nursing foundation course faculty having M.Sc.(N) with any specialty shall be considered. Principal Room 300 9. Applied Anatomy of 37 marks and B applied Pysiology should be of 38 marks. Identify the dietary principles for
different diseases. COMPETENCIES: On completion of the course, the students will be equivalent to what has been prescribed by Indian Nursing Council & University will be equivalent to what has been prescribed by Indian Nursing Council & University will be equivalent to what has been prescribed by Indian Nursing Council & University will be equivalent to what has been prescribed by Indian Nursing Council & University will be equivalent to what has been prescribed by Indian Nursing Council & University will be equivalent to what has been prescribed by Indian Nursing Council & University will be equivalent to what has been prescribed by Indian Nursing Council & University will be equivalent to what has been prescribed by Indian Nursing Council & University will be equivalent to what has been prescribed by Indian Nursing Council & University will be equivalent to what has been prescribed by Indian Nursing Council & University will be equivalent to what has been prescribed by Indian Nursing Council & University will be equivalent to what has been prescribed by Indian Nursing Council & University will be equivalent to what has been prescribed by Indian Nursing Council & University will be equivalent to what has been prescribed by Indian Nursing Council & University will be equivalent to what has been prescribed by Indian Nursing Council & University will be equivalent to what has been prescribed by Indian Nursing Council & University will be equivalent to what has been prescribed by Indian Nursing Council & University will be equivalent to what has been prescribed by Indian Nursing Council & University will be equivalent to what has been prescribed by Indian Nursing Council & University will be equivalent to what has been prescribed by Indian Nursing Council & University will be equivalent to what has been prescribed by Indian Nursing Council & University will be equivalent to what has been prescribed by Indian Nursing Council & University will be equivalent to what has been prescribed by Indian Nursing Council & Uni
 Admission under the reserved quota shall be subject to reservation policy and eligibility criteria for SC/ST/OBC/PH/EWSs prescribed by the Central Govt./ Union Territory as applicable to the College concerned. Identify the significance of Communicative English for healthcare professionals 2. 6. Lecture Discussion Demonstration Essay
 and short answer type Objective type XIII 14hrs Explain cognitive process and their application. • Perception, of intelligence - Effect of heredity and
environment in intelligence, classification, Introduction to measurement of intelligence tests - Mental deficiencies • Learning process, Habit formation • Lecture • Discussion • Essay and short answer type • Objective type 54. Perform the role of nurses applicable to the
 psychology of different age groups 12. Adult Health (Medical Surgical) Nursing II. The details of the constructed area are given below for admission capacity of 60 students: S.No. Teaching Block Area (Figures in Sq feet) 1. Leadership Influence the behavior of
 skills in addition to acquiring knowledge related to nursing practice. Organic chemistry- some basic principles and techniques XIII. Ft. {Note: Day Scholars are allowed, however 30% provision of hostel is mandatory} CLINICAL FACILITIES for 60 students (for new institution) I.a College of Nursing should have a 100 bedded Parent/Own Hospital.
 After receipt of the Essentiality Certificate, the eligible institution shall get recognition from the concerned State Nursing Council for the B.Sc. (Nursing) programme for the particular academic year, which is a mandatory requirement. 18 7 Seventh 1 Community Health Nursing II 40 80 120 2 Midwifery/ Obstetrics and
Gynecology (OBG) Nursing II 80 40 560 680 3 Self study/Cocurricular 20 20 TOTAL 120 40 640 820 8 Eight (Internship) -22 weeks 1 Community Health Nursing- 4 weeks 2 Adult Health Nursing- 4 weeks 2 Adult Health Nursing- 4 weeks 3 Child Health Nursing- 4 weeks 4 Child Health Nursing- 4 weeks 3 Child Health Nursing- 4 weeks 4 Child Health Nursing- 4 weeks 5 Child Health Nursing- 4 weeks 5 Child Health Nursing- 4 weeks 6 Child Health Nursing- 4 weeks 7 Child Health Nursing- 4 weeks 7 Child Health Nursing- 4 weeks 7 Child Health Nursing- 4 weeks 8 Child Health Nursing- 4 weeks 8 Child Health Nursing- 4 weeks 9 Child Health Nursing- 4 We
1hour/week/semester 1credit practical/lab- 2hrs/week/semester 1credit clinical - 4hrs/week/semester Total Semesters=8 Total number of credits-160 (Excludes electives: 4 {One elective course -1credit (20Hrs)} Total credits=164 (Includes
 various disease conditions 5. 23 VII SEMESTER S.No Course Assessment (Marks) Internal End Semester college exam End Semester University Exam Hours Total marks Theory 1 Community Health Nursing (I&II) 25 Sem VII- 25 & Sem VII- 25 (with avg. 38 presentations • Remedial Grammar VI 5 hours Enhance expressions through writing skills
 Writing Skills • Writing patient story • Note taking • Report writing • Anecdotal records • Letter writing • Report writing •
 writing tasks Paper based assessment by the teacher/trainer against set band descriptors • Presentation of situation • Resume/CV VII 8 hours Apply LSRW Skill in combination to learn, teach, educate and share information, ideas and results LSRW Skills
 • Critical thinking strategies for listening and reading • Oral reports, presentations • Writing instructions, letters and reports • Error analysis regarding LSRW • Valuating different options/ multiple answers and interpreting decisions through situational activities • Demonstration -individually and in groups • Group Discussion • Presentation • Role
Play • Writing reports • Consolidated assessment orally and through written tasks/ exercises 40. Reading Room 250 5. Associate Professor- Essential Qualification:- M.Sc. (N) including 5 years teaching experience Ph.D.(N) desirable 5. The revised curriculum embraces competency-based approach
 throughout the program integrating mastery learning and self-directed learning. V. • Influence of marriage and family on health practices • Lecture • Family case study report V 5hrs Explain different types of caste and classes in society and its influence on health Social stratification. • Introduction-
 Characteristics & forms of stratification • Function of stratification • Indian caste system- origin and characteristics • Positive and negative impact of caste in society. Identify the role of nurse in promoting mental health and dealing with altered personality 11. IV. Integrate the knowledge of clinical sociology and its uses in crisis intervention 8.
Modular learning is also integrated in the foundational as well as core courses that is mandatory. Applied Anatomy & Physiology 4. Foundational courses(Applied basic & behavioral sciences) II. Apply the knowledge of self-empowerment in workplace, society and personal life 50. Library 2300 11. 60 XII 6 T 2 L Explain and perform admission, transfer
 and discharge of a patient Hospital Admission and discharge • Admission to the hospital Unit and preparation of unit o Admission bed o Admissi
Discharge procedure o Medico-legal issues o Roles and Responsibilities of the unit after discharge • Lecture • Discussion • Demonstrate skill in caring for patients with restricted mobility Mobility and Immobility • Elements of Normal Movement, Alignment &
 Posture, Joint Mobility, Balance, Coordinated Movement • Principles of body mechanics • Factors affecting Body Alignment and Activity • Alteration in Body Alignment and mobility • Nursing interventions for impaired Body Alignment and activity • Exercise-Types and benefits • Effects of Immobility • Nursing interventions for impaired Body Alignment and activity • Alteration in Body Alignment and activity • Exercise-Types and benefits • Effects of Immobility • Nursing interventions for impaired Body Alignment and activity • Exercise-Types and benefits • Effects of Immobility • Nursing interventions for impaired Body Alignment and activity • Exercise-Types and benefits • Effects of Immobility • Nursing interventions for impaired Body Alignment and activity • Exercise-Types and benefits • Effects of Immobility • Nursing interventions for impaired Body Alignment and activity • Exercise-Types and benefits • Effects of Immobility • Exercise-Types and Body Alignment and and Body A
 Mobility: assessment, types, devices used, method o Range of motion exercises o Muscle strengthening exercises o Muscle strengthening body alignment: positions o Moving o Lifting o Transferring o Walking • Assisting clients with ambulation • Care of patients with Immobility using Nursing process approach • Care of patients with casts and splints • Lecture
 • Discussion • Demonstration & Re- demonstration • Essay • Short answers • Objective type XIV 4 T 2 L Describe the principles and practice of patient education Patient teaching: Importance, Purposes, Process • Integrating nursing process in patient teaching • Discussion Role plays • Essay • Short answers • Objective type 62.
 Identify the scope and significance of sociology in nursing 2. S-Block elements XI. UNIVERSITY THEORY AND PRACTICAL EXAMINATION PATTERN The theory question paper pattern are shown in Appendix 4 29. of both) 75 3 100 Practical 3 Community Health Nursing (I&II) 50 (Sem VI- 25 & Sem VII- 25) 50 100 4
Midwifery/Obstetrics and Gynecology (OBG) Nursing (I&II) 50 (Sem VI- 25 & Sem VII- 25) 50 100 VIII SEMESTER S.No Course Assessment (Marks) Internal End Semester University Exam Hours Total marks Practical 1 Competency assessment 100 100 200 25. Candidate has to pass separately in internal and external
examination. Note: 1. 4 Guidelines for Establishment of B.Sc (Nursing) College of Nursing:- 1. c) The maximum period to complete the course successfully should not exceed 8 years. Develop understanding of the normal functioning of various organ systems of the body 2
Hostel Block (60 Students): S. 8 • Communicable Disease • Mental Health (Psychiatric) Nursing Research should be of 55 marks and Statistics of 20 marks 5. Apply the knowledge of soft skills in
 workplace and society 16. • Candidate shall be admitted once in a year Reservation policy: • For disability reservation to be considered with a disability of loco-motor to the tune of 40% to 50% of the lower extremity and other eligibility criteria with regard to age and qualification will be same as prescribed for each nursing
programme. Professionalism, Professional values & Ethics including bioethics IV Semester 15. Adult Health Nursing Educational institution should be in Institutional area only and not in residential area. Identify the cognitive and affective needs of clients 13. Lecture Hall 4 @ 900 = 3600 2. In such cases SNRC/University shall accept the
 proposal for change of name of the Institute, before submission of the proposal to INC. Midwifery and /Obstetrics & Gynaecology II VIII Semester 31. Health and Nursing Informatics ii. 53 • Memory-meaning and nature of memory, factors influencing memory, factors influencing memory, forgetting of the Institute, before submission of the proposal to INC. Midwifery and /Obstetrics & Gynaecology II VIII Semester 31.
 solving. 62 alterations • Definition & Clinical significance of MUFA & PUFA, Essential fatty acids • Digestion, absorption & metabolism of lipids & related disorders • Compounds formed from cholesterol • Ketone bodies (name, types & significance only) • Lipoproteins - types & functions (metabolism not required) • Lipid profile •
 Atherosclerosis (in brief) • Explain using Charts/ Slides • Demonstration of laboratory tests answers • Very short answers III. Learners and educators interact in a process whereby students gain competencies required to function within their scope of practice. Nursing practice requires personal commitment to professional development and life-long
 learning. • Talking to patients and Patient attenders • Talking to other healthcare professionals • Class room conversation of Situation in emergency and routine • Handoff • Reporting in doctors/nurses' rounds • Case presentation • Face
to face oral communication • Speaking individually (Nurse to nurse/patient/doctor) and to others in the field of practice, education, management and research in India and overseas. Kitchen & Store 1500 9. 42 Apply the knowledge in performing nursing
 procedures/skills biceps, triceps, respiratory, abdominal, pelvic floor, pelvic floor muscles and vastus lateralis • Major muscles involved in nursing procedures VIII 4 Describe the structure of renal system • McQ
 Short answer IX 4 Describe the structure of reproductive system • Structure of breast • Lecture • MCQ • Short answer X 6 Describe the structure of nervous system including the distribution of the nerves, nerve plexuses Describe the
 ventricular system The Nervous system • Review Structure of neurons • CNS, ANS and PNS (Central, autonomic and peripheral) • Structure of brain, spinal cord, cranial nerves, spinal nerve
 Lecture • Explain with models • Video slides • MCQ • Short answer 44. Entrance test** shall comprise of: a) Aptitude for Nursing 10 marks e) General knowledge 20 marks d) English 10 marks e) General knowledge 20 marks d) English 10 marks e) General knowledge 20 marks d) English 10 marks e) General knowledge 20 marks d) English 10 marks e) General knowledge 20 marks d) English 10 marks e) General knowledge 20 marks d) English 10 marks e) General knowledge 20 marks d) English 10 marks e) General knowledge 20 marks d) English 10 marks e) General knowledge 20 marks d) English 10 marks e) General knowledge 20 marks d) English 10 marks e) General knowledge 20 marks d) English 10 marks e) General knowledge 20 marks d) English 10 marks e) General knowledge 20 marks d) English 10 marks e) General knowledge 20 marks d) English 10 marks e) General knowledge 20 marks d) English 10 marks e) General knowledge 20 marks d) English 10 marks e) General knowledge 20 marks d) English 10 marks e) General knowledge 20 marks d) English 10 marks e) General knowledge 20 marks e) General knowled
 balance, imbalance and its clinical significance Acid base maintenance • pH - definition, normal value • Regulation of blood pH - blood buffer, respiratory & renal • ABG - normal values • Short answers • Very short answ
the metabolism of hemoglobin and its clinical significance Heme catabolism • Heme degradation pathway • Jaundice - type, causes, urine & blood investigations (van den berg test) • Lecture cum Discussion • Charts/ slides • Short answers • Very short answers • Vil 1 hour Explain different function tests and interpret the findings Organ function tests
 (biochemical parameters & normal values only) • Renal • Liver • Thyroid • Lecture cum Discussion • Visit to Lab • Explain using Charts/slides • Short answers • Vill 1 hour Illustrate the immunochemis try Immuno
 Discussion • Explain using Charts/ slides • Demonstration of Lab tests • Short answers • Very short answers • 
 humans, • Body fluids and circulation • Human circulatory system • Human excretory system • Human excretory system • Human excretory system • Human excretory system of BP: sites, equipment and technique, Common Errors in BP Assessment of BP: sites, equipment and technique, Common Errors in BP Assessment of BP: sites, equipment and technique, Common Errors in BP Assessment of BP: sites, equipment and technique, Common Errors in BP Assessment of BP: sites, equipment and technique, Common Errors in BP Assessment of BP: sites, equipment and technique, Common Errors in BP Assessment of BP: sites, equipment and technique, Common Errors in BP Assessment of BP: sites, equipment and technique, Common Errors in BP Assessment of BP: sites, equipment and technique, Common Errors in BP Assessment of BP: sites, equipment and technique, Common Errors in BP Assessment of BP: sites, equipment and technique, Common Errors in BP Assessment of BP: sites, equipment and technique, Common Errors in BP Assessment of BP: sites, equipment and technique, Common Errors in BP Assessment of BP: sites, equipment and technique, Common Errors in BP Assessment of BP: sites, equipment and technique, Common Errors in BP Assessment of BP: sites, equipment and technique, Common Errors in BP Assessment of BP: sites, equipment and technique, and the BP: sites, equipment and technique and tec
 Alterations in Blood Pressure • Documenting Vital Signs VII 25 T 10 L Describe the purpose and process of health assessment • Process of health assessment 
 Auscultation, Olfaction Preparation for examination: patient and unit General assessment findings • Modular learning Health assessment findings • Modular learni
 and Linen • Types: Disposables and reusable o Linen, rubber goods, glassware, metal, plastics, furniture • Introduction: Indent, maintenance, Inventory IX 10 T 4 L Describe the basic principles and techniques of infection control and biomedical waste management Introduction to Infection control in Clinical setting Infection • Nature of infection, • Nature of infection, • Nature of infection control and biomedical waste management Introduction to Infection control in Clinical setting Infection • Nature of infection, • Natur
Chain of infection • Types of infection • Types of infection • Stages of infection • Factors increasing susceptibility to infection • Hand Hygiene • ( Hand washing
and use of hand Rub) • Use of Personal Protective Equipment (PPE) • Standard precautions Biomedical Waste management- Types • Lecture • Discussion • Demonstration • Observation of autoclaving and other sterilization techniques • Visit to Infection Control Department • Essay • Short answers • Objective type 60. Simulation will be integrated
throughout the curriculum wherever feasible to enable them to develop competencies before entry into real field of nursing practice. Plant Physiology • Transport in plants • Tr
 Respiration: Exchange of gases; Cellular respiration, Energy V. Nursing practice is based on acquisition of knowledge, understanding, attitude, competencies and skills through INC's curricular and proposed Indian Nursing and Midwifery Council Act (Includes Nurse Practice Act). They are prepared to provide safe and
competent care to patients across life span and influence patient outcomes. Equilibrium VIII. • Interrelationship of institutions • Social control • Moral and planning • Lecture • group • Discussion • Observational visit • Essay
type • Short answer, • Objective type question • Visit report 52. PHILOSOPHY Indian Nursing Council believes that are integrated throughout the program encompasses foundational, core and elective courses. No Institutions / University will modify the syllabi; however they cannot be a concept that are integrated throughout the program encompasses foundational, core and elective courses.
 add units/subjects if need be. Develop understanding of the biological and psychological basis of human behaviour 10. An examiner should be a Lecturer/ Assistant Professor or above in a college of Nursing with M.Sc(N) in concerned subject and minimum 3 years of teaching experience. It further provides students opportunity to recognize the
significance and application of soft skills and self- empowerment in the practice of nursing I 20. System-based practice Demonstrates D
awareness and responsiveness to the context of healthcare system and ability to manage resources essential to provide optimal quality of care. 44 II 5hrs Describe the physiology and mechanism of breathing Respiratory system • Functions of respiratory
 organs • Physiology of respiration • Pulmonary circulation- functional features • Pulmonary ventilation, Exchange of gases in tissue • Regulation of respiration • Application and Carbon- dioxide, Exchange of gases • Carriage of oxygen and Carbon- dioxide, Exchange of gases in tissue • Regulation of respiration • PIT • 
 implication in nursing • Lecture • Video slides • Essay • Short answer • MCQ III 6hrs Describe the functions of digestive system Digestive system of digestive system of digestive system of digestive system of digestive system.
 Composition of pancreatic juice, function, regulation of pancreatic secretion and Function of small and large intestine, larg
fat and proteins • Application and • Lecture cum discussion • Video slides • Essay • Short answer • MCQ 46. Single Room 12000 (50 sq. Develop understanding about social problems in India 7. Provisions for Toilets 1000 Total Constructed Area 22800 Sqr. For Hilly & Tribal the maximum distance can be
50 kms. Principal cum Professor- Essential Qualification:-M.Sc. (N) Experience:- M.Sc. (N) in collegiate progarmme. However the candidates shall be permitted to attend the consecutive semesters. • ICU/ICCU • Geriatric Educational Visits will also be
conducted as per the B.Sc(N) syllabus (for example: Milk Treatment plant, Water and Sewage plant, Rehabilitation Centres, Orphanage, Geriatric Care, Home for Destitute, Professional Organisation etc.) V. • Adequate hostel/residential accommodation for students and staff should be available in addition to the above mentioned built up area of the
Nursing College respectively. Note: Reservations shall be applicable within the sanctioned number of tandidates for practical examination should not exceed 25 per day. 51 • Major social problems- poverty, housing, food supplies, illiteracy, prostitution, dowry, Child labour, child abuse, delinquency, crime, substance
 abuse, HIV/AIDS • Vulnerable group- elderly, handicapped, minority and other marginal group. 3 IV. • Lecture • Panel discussion • Community survey VI 12hrs Explain social problems and role of nurse in reducing social problems social problems social
 organization and disorganization. • Social organization- meaning, elements and types • Voluntary associations • Social system. Store 500 6. 21 IV SEMESTER S.No Course Assessment (Marks) Internal End Semester College exam End Semester University Exam Hours Total marks
 Theory 1 Adult Health Nursing II 25 75 3 100 2 Pharmacology & Pathology (I & II) & Genetics 25 III Sem-25 & IV Sem-25 with average of both) 75 3 100 Practical 4 Adult Health Nursing II 50 50 100 V SEMESTER S.No Course Assessment (Marks) Internal End Semester College exam End
 Semester University Exam Hours Total marks Theory 1 Child Health Nursing I *25 2 Mental Health Nursing I *25 3 Nursing Management and Leadership 25 75 3 100 5 Health/Nursing Informatics & technology 25 25 1 50 6 Introduction to Forensic Nursing and Indian Laws 25 25 1 50 Practical 7 Child Health Nursing I *25 3 Nursing Management and Leadership 25 75 3 100 5 Health/Nursing Informatics & technology 25 25 1 50 6 Introduction to Forensic Nursing Management and Leadership 25 75 3 100 5 Health/Nursing I *25 3 Nursing Management and Leadership 25 75 3 100 5 Health/Nursing I *25 2 Mental Health Nursing I *25 2 Mental Health Nursing I *25 3 Nursing Management and Leadership 25 75 3 100 5 Health/Nursing I *25 3 Nursing Management and Leadership 25 75 3 100 5 Health/Nursing I *25 3 Nursing Management and Leadership 25 75 3 100 5 Health/Nursing I *25 3 Nursing Management and Leadership 25 75 3 100 5 Health/Nursing I *25 3 Nursing Management and Leadership 25 75 3 100 5 Health/Nursing I *25 3 Nursing Management and Leadership 25 75 3 100 5 Health/Nursing I *25 3 Nursing Management and Leadership 25 75 3 100 5 Health/Nursing I *25 3 Nursing Management and Leadership 25 75 3 100 5 Health/Nursing I *25 3 Nursing Management and Leadership 25 75 3 100 5 Health/Nursing I *25 3 Nursing Management and Leadership 25 75 3 100 5 Health/Nursing I *25 3 Nursing Management and Leadership 25 75 3 100 5 Health/Nursing I *25 3 Nursing Management and Leadership 25 75 3 100 5 Health/Nursing I *25 3 Nursing Management and Leadership 25 75 3 100 5 Health/Nursing I *25 3 Nursing Management and Leadership 25 75 3 100 5 Health/Nursing I *25 3 Nursing Management and Leadership 25 75 3 100 5 Health/Nursing I *25 3 Nursing Management and Leadership 25 75 3 100 5 Health/Nursing I *25 3 Nursing Management and Leadership 25 75 3 100 5 Health/Nursing I *25 3 Nursing Management and Leadership 25 75 8 Nursing Management And Leaders
 Health Nursing I *25 8 Mental Health Nursing I & II and Mental Health Nursing I & II in both theory and practical respectively in the next semester (Total weightage remains same). • Fundamental rights of individual, women and children • Role of nurse in reducing social problem
 and enhance coping • Social welfare programmes in India VII 2hrs Explain clinical sociology • Introduction to clinical soc
 Essay • Short answer APPLIED PSYCHOLOGY VIII 2hrs Describe scope, branches and significance of psychology in nursing. • Human endocrine system VI. Apply the concepts and principles of English Language use in professional development such as pronunciation, vocabulary, grammar, paraphrasing, voice modulation, Spelling, pause and silence
3. The competencies in which the students are trained will guide them in performing their scope of practice. Ft. Grand Total Constructed Area- Teaching Block 22800 Sqr. Quality improvement use data to monitor the outcomes of care processes and utilize improvement methods to design and test changes to continuously improve the quality and
 safety of healthcare system. 57 members and communication with vulnerable groups (children, women, physically and mentally challenged and elderly) V 4 T 2 L Describe the purposes, types and techniques of recording and reports and reports and techniques of recording and reports and techniques of recording and reports and reports and reports and reports are reports and reports and reports and reports are reports and reports are reports and reports are reports and reports are reports are reports are reports and reports are reports are reports and reports are 
 Records • Confidentiality • Types of Client records/ Common Record-keeping forms • Methods/ Systems of documentation/ Recording • Reporting: Change-of shift reports, Transfer reports, Incident reports • Lecture • Discussion •
 Demonstration • Essay • Short Answers • Objective type VI 15 T 20 L Describe principles and techniques of monitoring and maintaining vital signs Assess and record vital signs Assess and record vital signs accurately Vital signs Assess and record vital signs accurately Vital signs Assessment of body
 temperature: sites, equipment and technique o Temperature alterations: Hyperthermia, Heat Cramps, Heat Exhaustion, Heatstroke, Hypothermia o Fever/ Pyrexia- Definition, Characteristics, Factors affecting pulse o
 Assessment of pulse: sites, equipment and technique o Alterations in pulse Respiration: o Definition, Physiology and Regulation, Mechanics of breathing, Characteristics, Factors affecting respiration of Physiology and Regulation, Physiology and Regulation, Mechanics of breathing, Characteristics, Factors affecting respiration of Physiology and Regulation, Physiology and
 Regulation, Characteristics, Factors • Lecture • Discussion • Demonstration and Re-demonstration in the graphic sheet 59. 33 • Sewage treatment, energy generation and biofertilizers IX. The particulars of the name of the College / Nursing
 Institution along with the name of the Trust /Society [as mentioned in No Objection Certificate/Essentiality Certificate of Individuals and In
groups and conduct research in the areas of nursing practice and apply evidence-based practice. Psychiatric Nursing iv. 35 COURSE OUTLINE UNIT TIME LEARNING OUTCOMES CONTENT TEACHING/ LEARNING ACTIVITIES ASSESSMENT METHODS I 3 hours Identify the significance of communicative English Communication • What is
 communication? Community Health Nursing Minimum one professor from each specialty area shall be appointed as head of the department except nursing foundation. Identify and meet the communication links with patients, families and
 other health team members 4. General Science 2. Recal and refresh their knowledge and understanding of concepts, principles and application of Physics and identify its relevance to nursing. In case the owner of the hospital is a member of the hospital is a member of the hospital is a member of the hospital would continue to function as a "Parent Hospital" till the life of the nursing.
 institution. b) The candidate shall have cleared all the previous examination before appearing seventh semester examination before appearing for understanding
 through tasks II 5 hours Describe concepts and principles of Language (English) use in professional development such as pronunciation, vocabulary, grammar, paraphrasing, voice modulation, spelling, pause and silence Introduction to LSRGW • L- Listening: Different types of listening: Different types of listening • S-Speaking: Understanding Consonants, Vowels, Word and Introduction to LSRGW • L- Listening: Different types of listening • S-Speaking: Understanding Consonants, Vowels, Word and Introduction to LSRGW • L- Listening: Different types of listening • S-Speaking: Understanding Consonants, Vowels, Word and Introduction to LSRGW • L- Listening: Different types of listening • S-Speaking: Understanding Consonants, Vowels, Word and Introduction to LSRGW • L- Listening: Different types of listening • S-Speaking: Understanding Consonants, Vowels, Word and Introduction to LSRGW • L- Listening: Different types of listening • S-Speaking: Understanding Consonants, Vowels, Word and Introduction to LSRGW • L- Listening • S-Speaking: Understanding Consonants, Vowels, Word and Introduction to LSRGW • L- Listening • S-Speaking: Understanding Consonants, Vowels, Word and Introduction to LSRGW • L- Listening • S-Speaking: Understanding Consonants, Vowels, Word and Introduction to LSRGW • L- Listening • S-Speaking: Understanding Consonants, Vowels, Word and Introduction to LSRGW • L- Listening • S-Speaking • L- Listening • S-Speaking • L- Listening • S-Speaking • 
Sentence Stress, Intonation • R- Reading: Medical vocabulary, • Gr-Grammar: Understanding tenses, linkers • W- writing simple sentences and short paragraphs - emphasis on correct grammar • Exercises on listening to news, announcements, telephone conversations and instructions from others • Information on fundamentals of Speech- C, V,
Stress and Intonation with tasks based on these through audio/ video and texts • Reading a medical dictionary/ glossary of medical terms with matching exercises • Information on tenses and basic concepts of correct grammar through fill in the blanks, true/false questions • Through 'check your understanding' exercises' 37. Diversity in Living World
 • Biodiversity • Salient features and classification of plants and animals II. Table -II S.No. Designation B.Sc.(N) 40-60 B.Sc
 minimum number of teacher required is 13 including Principal, 1- Princip
  conduct by University/State Government 12. The responsibility of obtaining and verifying the requisite documents for admission lies with the Institution and University. Admission shall be through Entrance examination. III. The size of the hospital • Bed occupancy of the company of the compa
hospital should be minimum 75% III. All practical examinations must be held in the respective clinical areas. Demonstrate competency in monitoring and documenting vital signs 6. Staff Room 800 8. Introduction • Meaning of Psychology • Relationship with other subjects •
Significance of psychology in nursing • Applied psychology to solve everyday issues • Lecture cum Discussion • Essay • Short answer IX 3hrs Describe biology of human behaviour • Inheritance of behaviour • Brain and behaviour • Brain and behaviour • Brain and behaviour • Inheritance of behav
same institution batch shall be examined by the same set of examiners. The students should be sent to affiliated hospital/agencies/Institutions where it is available. & Gynaecology vi. Nursing science incorporates clinical competency. 39 APPLIED
ANATOMY& APPLIED PHYSIOLOGY PLACEMENT: I SEMESTER THEORY: 5 Credits (100 hours) Anatomy -50 hours & Physiology -50 hours & Physiology -50 hours applied anatomical
structure with emphasis on clinical application to practice nursing. 28. 45 implications in nursing IV 5hrs Explain the functions of the heart, and physiology of circulation circulatory and lymphatic system.
factors influencing blood pressure, pulse • Coronary circulation • Heart rate-regulation • Heart rate-regulation • Heart rate-regulation • Heart rate-regulation • Cardiovascular homeostasis in exercise and posture • Aging changes • Application and implication in nursing • Lecture • Discussion • Video/slides • Short answer • MCO V 4hrs
Describe the composition and functions of blood • Bloo
vasoconstriction, platelet plug formation in hemostasis, coagulation • C
considered as closed. 11 • Candidate shall be medically fit. 4. Identify the importance of nutrition in health and wellness. The change of membership in society/ change of trust and trustees to be submitted immediately after incorporating through registrar cooperative societies/Indian trust act. Paediatric Nursing v. 46 VI 4hrs Identify the major
endocrine glands and describe their functions The endocrine system • Functions and hormones of Pineal Gland, Pituitary gland, Thyroid, Parathyroid, Thymus, Pancreas and Adrenal glands. Nursing Research and Statistics 23. Explain the principles and practices of Nutrition and Dietetics. Illustrate the immunochemistry COURSE OUTLINE UNIT TIM
E LEARNING OUTCOMES CONTENT TEACHING/ LEARNING ACTIVITIES ASSESSMENT METHODS I. Applied Nutrition and Dietetics of 50 marks and Section B of Biochemistry of 25 marks. Community Health Nursing I including Epidemiology 28.
COMPETENCIES On completion of the course, the students will be able to 1. Behaviour of perfect gases and kinetic theory of gases X. I SEMESTER S.No Course Assessment (Marks) Internal End semester University Exam Hours Total marks Theory 1 General Science 25 25 1 50 2 Communicative English 25 25 1 50 3
Applied Anatomy & Physiology 25 75 3 100 4 Applied Sociology & Psychology 25 75 3 100 5 Nursing Foundations I *25 Practical 6 Nursing Foundations 
Theory Nursing Foundations I theory in I semester Internal marks will be added to Nursing Foundations I & II Theory Internal in the second semester will be taken. 55 NURSING FOUNDATIONS I PLACEMENT: 1st SEMESTER THEORY: 6 Credits (120 Hours) (Skill Lab): 2 Credits (80 hours) DESCRIPTION: This
course is designed to help novice nursing students develop knowledge and competencies required to provide evidence-based, comprehensive basic nursing process approach. Midwifery, Obst. No institution shall submit average internal marks of the test students more than 75% is if 40 students are admitted in a
course the average score of the 40 students shall not exceed Note: 1. Additional affiliation of hospital In addition to Parent Hospital of 100 beds, institution shall take affiliation of the hospital. Nursing Management & Leadership 22. • Foreign Nationals: The entry
qualification equivalency i.e., 12th standard will be obtained by Association of Indian Universities, New Delhi. Mental Health Nursing I 21. 5 hours Describe the metabolism of carbohydrates and its alterations Carbohydrates • Diabetes
Mellitus - type 1 & type 2, symptoms, complications & management in brief • Investigations of Diabetes Mellitus o OGTT: Indications, Procedure, Interpretation and types of GTT curve o Mini GTT, extended GTT, GCT, IV GTT o HbA1c (Only definition) • Hypoglycemia-definition & causes • Lecture cum discussion using charts and slides •
Demonstration of laboratory tests • Essay • Short answers • Very short answers II. 23, 24 EXAMINATION REGULATIONS The student has to pass in all mandatory modules and allotted percentage of marks will be included in the internal assessment of college /university exam. 22. The Parent/affiliated Hospital should give student status to the
candidates of the nursing programme. 17 4 Fourth 1 Pharmacology II 40 40 2 Pathology II and Genetics 20 20 3 Adult Health Nursing II including Geriatric Nursing education 40 40 80 5 Self study/Cocurricular 20 20 TOTAL 220 80 480 800 5 Fifth 1 Child Health
Nursing I including FBNC, Essential Newborn Care(ENBC), IMNCI and PLS/PALS, modules 80 40 160 280 2 Mental Health Nursing Research and Statistics 40 80(Proj ect) 120 5 Health/ Nursing Informatics and technology 30 20 50 6 Introduction to Forensic Nursing and Indian
laws 20 20 7 Self study/Cocurricular 20 20 TOTAL 310 60 400 790 6 Sixth 1 Child Health Nursing II 20 160 180 3 Community Health Nursing II 20 160 180 3 Communit
Self study/Cocurricular 20 20 TOTAL 180 40 560 800 19. If the institute has non-nursing programme in the same building, Nursing programme should have separate teaching block. Common Room (Male and Female) 1000 7. The eligible Organizations / Establishments should have their own 100 bedded Parent Hospital. Pathology I 13. Maximum
Distance between affiliated hospitals & institutions should not be more than 30 kms. Midwifery /Obstetrics & Gynaecology I V & VI Sem VII Semester 1. Minimum pass marks shall be 50 % in each of the Theory and practical papers separately. Applied Microbiology, and Infection control including Safety 11. The
candidates shall permitted to attend the consecutive semesters. 64 APPLIED NUTRITION AND DIETETICS PLACEMENT: II SEMESTER THEORY & LAB: 2 credits (40 hours) Theory: 34 hours Lab: 6 hours DESCRIPTION: The course is designed to assist the students to acquire basic knowledge and understanding of the principles of Nutrition and
Dietetics and apply this knowledge in the practice of Nursing. Converse effectively, appropriately and timely within the given context as an individual or to the team they are communicating with either face to face or by other means 5. In respect of Tribal and Hilly Area the requirement of own Parent Hospital is exempted. Parent Hospital (Unitary/
Single Hospital) Parent Hospital for a nursing institution having the same trust which has established nursing institutions and has also established the hospital. II. Nursing Foundations II 9. Proportionately the size of the built-up area will increase/decrease according to the number of seats approved. a) Tribal area - Scheduled notified area: [Areas as
the President of India may by order declare to be Scheduled Areas;] b) Hilly area - North East States, UTs of Jammu & Kashmir and Ladakh, Himachal Pradesh & Uttrakhand. Skill/ Simulation Laboratory (i) Nursing foundation lab 1500 (ii) Nursing foundation lab 1500 (iii) Nutrition 900 (iv) OBG and Pediatrics lab 900 (v) Pre-clinical science lab 900 3 Computer Lab*
1500 4 A.V. Aids Room 600 5. 7 4. 10. 40 Organization of human body and structure of cell, tissues membranes and glands Describe the types of cartilage Compare and circumduction. & Gynaecology 45 4 Pediatrics 30 5 Orthopaedics 15 6
Psychiatric 50 IV. SCHEME OF EXAMINATION The distribution of marks in internal assessment, End semester University exam for each course is shown below. No. Hostel Block Area (Figures in Sq feet) 1. 1. COURSES/ SUBJECTS Theory (hrs.) Lab (hrs.) Total (hrs.) Total (hrs.) 1 First 1 General Science *
(Refresher Course) 80 80 2 Communicative English* 40 40 3 Applied Physiology 100 100 5 Nursing Foundations I 120 80 160 360 TOTAL 440 80 160 760 2 Second 1 Applied Biochemistry 20 20 2 Applied Nutrition and dietetics 40 40 3 Nursing Foundations II including First Aid
Module 120 120 320 560 4 Introduction to community Health Nursing* (Including Health Nursing* (Including 40 40 80 2 Pharmacology I 20 20 3 Pathology I 20 20 4 Medical
Surgical Nursing I/ Adult Health Nursing I / Adult Health Nursing I with integrated pathophysiology including BCLS module 120 40 480 640 5 Professionalism, Pro
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