Rajiv Gandhi University of Health Sciences, Karnataka

First Year M.Sc. (Nursing) Degree Examination – 22-Feb-2023

[Time: 3 Hours] [Max. Marks: 80]

NURSING EDUCATION - (RS3/RS4)

Q.P. CODE: 9631

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

Answer All The Questions 8 X 10 = 80 Marks

1. Discuss various clinical teaching learning methods used in nursing.
2. Explain the philosophies of education and the need of philosophies in education system.
3. Define unit plan and explain the steps involved in unit planning.
4. Discuss critical analysis of various programs of teacher education in India.

   Or

   Discuss critical analysis of various programs of nursing education in India
5. Discuss the principles and techniques of counselling.
6. Describe the various tools used for assessment of knowledge, skill and attitude.
7. Explain the importance of accreditation in nursing.
8. Discuss the different models of collaboration between education and services.

First Year M.Sc. (Nursing) Degree Examination – 24-Feb-2023

[Time: 3 Hours] [Max. Marks: 80]

ADVANCE NURSING PRACTICE - (RS3/RS4)

Q.P. CODE: 9632

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

Answer All The Questions 8 X 10 = 80 Marks

1. Explain the ethical issues and ethical decision-making process in nursing.
2. Describe about pathophysiology of pain. Explain the methods of assessment of pain. Explain pharmacological and non-pharmacological management of pain.
3. Enumerate the role of regulatory bodies in nursing. Describe the quality assurance in nursing.
4. Classify nursing theories. Explain the Roy's adaptation model with example.
5. Autonomy and accountability.
6. Primary health care.
7. Concept of disease causation.
8. Nursing informatics.

Rajiv Gandhi University of Health Sciences, Karnataka

First Year M.Sc. (Nursing) Degree Examination - 28-Feb-2023

[Time: 3 Hours] [Max. Marks: 80]

NURSING RESEARCH
(RS3/RS4)
Q.P. CODE: 9633

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.
(Note: Both QP codes 9633 and 9634 should be, completed within the total duration of three hours)
Use separate answer books for 9633 and 9634.

Answer All The Questions 4 X 10 = 40 Marks

1. Define nursing research and discuss its significance and scope in relation to nursing.
2. Define hypothesis and list the types of hypothesis with suitable example.
3. Write a note on application of theoretical frame work in Nursing.
4. Classify research designs and explain in detail about true experimental designs.

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First Year M. Sc. (Nursing) Degree Examination - 28-Feb-2023

[Time: 3 Hours] [Max. Marks: 80]

STATISTICS (RS3/RS4)
Q.P. CODE: 9634

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.
(Note: Both QP codes 9633 and 9634 should be, completed within the total duration of three hours)
Use separate answer books for 9633 and 9634

Answer All The Questions 04 X 10 = 40 Marks

1. Explain measures of central tendency.
2. Find coefficient of correlation (raw score method) between two kinds of assessment scores.

First assessment	30	35	45	44	42	48	47	46
Final assessment	10	12	18	16	15	19	18	17

3. Test the difference in weight between the sexes is statistically significant Table Value=2.179 at 0.05 level. Calculate 95% confidence interval for both sexes.

Male	96	88	97	89	92	95	90
Female	112	80	98	100	84	82	89

4. Define and explain the uses of birth rate, post neonatal mortality rate, infant mortality rate, incidence rate and prevalence rate.

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Rajiv Gandhi University of Health Sciences, Karnataka

First Year M. Sc. (Nursing) Degree Examination – 02-Mar-2023

[Time: 3 Hours] [Max. Marks: 80]

MEDICAL SURGICAL NURSING
(RS3/RS4)
Q.P. CODE: 9635

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

Answer All The Questions 08 X 10 = 80 Marks

1. Explain the pathological basis of clinical manifestations of increased intracranial pressure. Describe the therapeutic observation to be made to evaluate the prognosis with nursing management.

2. Write the pathophysiology and clinical manifestation of myocardial infarction and explain in detail the management of patient with acute Myocardial infarction.

3. Discuss in detail the pathophysiology and management of patient suffering from diabetic ketoacidosis.

4. Discuss the types, etiology and pharmacological and non-pharmacological intervention of hypertention. Explain the complications of hypertension with nursing management.

5. What is ulcerative colitis? Explain causes, pathophysiology and clinical features. Discuss the nursing management for ulcerative colitis.

6. Write the etiology and clinical manifestation of renal calculi. Explain the invasive and non invasive surgical management with the post operative nursing care.

7. Mr. Prashanth 60 years old is admitted with diagnosis of benign prostatic hyperplasia. Discuss the different medical and surgical modalities of treatment available for Mr. Prashanth with their advantages and disadvantages.

8. Define chronic suppurative otitis media. Explain the clinical manifestations in terms of pathological changes. Prepare nursing care plan for the patient of otitis media.

First Year M.Sc. (Nursing) Degree Examination - 02-Mar-2023

[Time: 3 Hours] [Max. Marks: 80]

COMMUNITY HEALTH NURSING - I
(RS3/RS4)
Q.P. CODE: 9636

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

Answer All The Questions 08 X 10 = 80 Marks

1. Explain in detail the role of a community health nurse in epidemiology.

2. Describe the principles and strategies of IEC.

3. Describe the methods of nutritional assessment and nutrition rehabilitation.

4. Explain about the challenges and the future of community health nursing in India.

5. Describe the role of a nurse in Integrated Management of Childhood illness programme.

6. Explain the theories of population.

7. Describe the components of ecosystem and methods of conserving our ecosystem.

8. Explain the role of community health nurse in Intersectoral coordination.

Rajiv Gandhi University of Health Sciences, Karnataka

First Year M.Sc. (Nursing) Degree Examination - 02-Mar-2023

[Time: 3 Hours] [Max. Marks: 80]

CHILD HEALTH (PAEDIATRIC) NURSING
(RS3/RS4)
Q.P. CODE: 9637

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

Answer All The Questions 08 X 10 = 80 Marks

1. Describe the psychosocial development of the adolescent and the nurse's role in health promotion of the adolescent.
2. Explain the standards of paediatric nursing practice.
3. Write in detail the nutritional programmes for children.
4. Explain the characteristics and nursing management of normal newborn.
5. Describe about child Guidance clinic.
6. Discuss current status of child health in India.
7. Discuss the play activities of an ill hospitalized child.
8. Describe the development assessment in children.

First year M. Sc. (Nursing) Degree Examination – 02-Mar-2023

Time: Three Hours Max. Marks: 80 Marks

OBSTETRICS AND GYNECOLOGICAL NURSING
(RS3/RS4)
Q.P. CODE: 9638

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary.

Answer All The Questions 08 x 10 = 80 Marks

1. Explain the fourth stage of labour. Add a note on immediate care of newborn.
2. Elaborate the National health and family welfare programmes related to maternal and child health.
3. Explain prenatal counseling. Discuss the nursing management of antenatal women.
4. Enumerate the causes of infertility. Explain in detail regarding recent trends in infertility management.
5. Write a note on Reproductive endocrinology.
6. Write a note on Oxytocics.
7. Describe the Physiology of lactation with a diagram.
8. Outline the application of Maternal role attainment theory in an appropriate clinical setting.

Rajiv Gandhi University of Health Sciences, Karnataka

First Year M.Sc. (Nursing) Degree Examination - 02-Mar-2023

Time: 3 Hours Max. Marks: 80

MENTAL HEALTH (PSYCHIATRIC) NURSING
(RS-3/RS-4)
Q.P. CODE: 9639

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

Answer All The Questions 8 X 10 = 80 Marks

1. Define assertive communication and discuss the role of nurse in assertive training
2. Discuss evolution of psychiatric nursing
3. Write implications of concepts of psychobiology in psychiatric illness
4. Explain the characteristics of cognitive therapy and the techniques used in it
5. Discuss expanded and extended role of psychiatric nurse
6. Explain therapeutic communication techniques with examples
7. Explain psychoanalytic theory
8. List down classification of antidepressant drugs and role of nurse in management of side effects of it

First Year M.Sc. (Nurse Practitioner in Critical Care) Degree Examination – 22-Feb-2023

[Time: 3 Hours] [Max. Marks: 70]

Research Application and Evidence Based Practice in Critical Care
Q.P. CODE: 9662

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

Answer all the questions 10 X 7 = 70 Marks

1. What is Nursing Research? Discuss the significance of research in Advanced Nursing Practice
2. A researcher studies the impact of providing care to Covid-19 patients in Intensive Care Unit for the past few months, on the well being of nurses

   a) Write a brief proposal for the above scenario
   b) List the types of research design
3. Explain the presentation of data through any two types of graphical representation with examples
4. Explain steps of Research process
5. What are the various methods of data collection and characteristics of good data collection tool?
6. What are the indicators of quality care in advance practice? How will you improve nursing practice standard through EBP?
7. Calculate mean and median for the following data regarding pulse rates per minute of 10 students in a class.
   Pulse rate: 80, 90, 96, 80, 94, 72, 74, 92, 88, 90
8. Explain non-probability sampling techniques
9. Discuss the steps of writing research report
10. Explain in detail the sources of review of literature

Rajiv Gandhi University of Health Sciences, Karnataka

First Year M.Sc. (Nurse Practitioner in Critical Care) Degree Examination – 24-Feb-2023

Time: 3 Hours Max. Marks: 70

Advanced Skills in Leadership, Management and Teaching Skills

Q.P. CODE: 9663

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

Answer all the questions 10 X 7 = 70 Marks

1. Describe principles of leadership applied to critical care setting
2. Describe any two best methods you would use to assess staff performance
3. Brief different teaching strategies you would use to educate patients in CCU setup
4. Application of theories of management in critical care setting – discuss
5. How will you plan for human resource for nurses in all shifts and fiscal planning to operate your daily work in an efficient way
6. Describe on advocacy roles in critical care rating
7. Discuss the role of nurse practitioner in ICU
8. Enumerate tools of evaluation and describe any one used in ICU with example
9. “Critical thinking skills are essential for better decision making” – discuss
10. What are the standards of quality assurance in critical care setting?

First Year M.Sc. (Nurse Practitioner in Critical Care) Degree Examination – 28-Feb-2023

[Time: 3 Hours] [Max. Marks: 70]

Advanced Pathophysiology and Advanced Pharmacology relevant to Critical Care

Q.P. CODE: 9664

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

Answer all the questions 10 X 7 = 70 Marks

1. Mrs. A, 65 years old female admitted to MICU with acute exacerbation of COPD
   a) Explain the pathophysiology of COPD
   b) Discuss the management of Mrs. Z
2. Explain the management of patient with HELLP
3. Mr. Y, 30 years old male admitted to emergency ward with the history of road traffic accident. His GCS was 4/15 E_2 V_1 M_1. He is diagnosed to have subarachnoid hemorrhage (SAH) and he is on mechanical ventilator
   a) Explain the emergency management of Mr.Y
   b) Discuss the role of critical care nurses in prevention of mechanical ventilator related complications
4. Discuss the pathophysiology, diagnostic tests and management of patient with multi organ dysfunction syndrome (MODS)
5. Mrs. X, 50 years old male admitted to MICU with complaints of decreased urine output, edema. Blood value shows S creatinine 6.25 mg/dl, BUN-80mg/dl. He is diagnosed to have chronic renal failure (CRF)
   a) Discuss the management of patient with chronic renal failure
   b) Explain role of nurse in kidney transplantation
6. Explain the pharmacological management of patient with cardiac failure.
7. Classify antidepressants. Outline the critical care nurses responsibility while administering antidepressants
8. Discuss the drugs used in management of patient with Pulmonary edema.
9. Classify immunosuppressants. Discuss the mechanism of action and critical care nurses responsibility in administering immunosuppressants
10. Discuss the pharmacological management of patient with thyroid storm

Rajiv Gandhi University of Health Sciences, Karnataka

First Year M.Sc. (Nurse Practitioner in Critical Care) Degree Examination – 02-Mar-2023

[Time: 3 Hours] [Max. Marks: 70]

Advanced Health/Physical Assessment
Q.P. CODE: 9665

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

Answer all the questions 10 X 7 = 70 Marks

1. Classify the types of echocardiography and its clinical importance.
2. Explain the components of joint examination.
3. Describe the neuro diagnostic studies done for head injury patient.
4. Define pulmonary function test and explain lung volumes and capacities for normal person.
5. A 70 year old man presented to emergency department with pyuria, abdominal pain and diagnosed with inguinal hernia, what are the specific examination findings in this patient.
6. Explain the physical examination and diagnostic findings of patient with thyroid storm.
7. Discuss the system wise physical examination changes in organ phosphorus poisoning patient.
8. **Describe cardiac biochemical markers and its normal value**
9. Explain the specific diagnostic and laboratory test specific to breast cancer.
10. Discuss the common laboratory tests to assess liver function test.

Second Year M.Sc. (Nurse Practitioner in Critical Care) Degree Examination – 22-Feb-2023

[Time: 3 Hours] [Max. Marks: 70]

Foundations of Critical Care Nursing Practice
Q.P. CODE: 9666

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

Answer all the questions 10 X 7 = 70 Marks

1. Describe the factors contributing to pain and discomfort in the critically ill.
2. Explain the critical care nurse's role in assisting the family through any crisis situation.
3. Describe the methods commonly used in the critical care setting to determine cardiac output.
4. Explain the strategies for promoting the incorporation of evidence into clinical practice.
5. What are the basic strategies for control of infection in ICU?
6. Differentiate between morals and ethics. Discuss ethical decision making in critical care with an example.
7. Describe cardiac arrest algorithm for asystole.
8. Describe essential standards of a healthy work environment in critical care setting.
9. Describe role of nurse practitioner while taking care of patient who is on parentral nutrition.
10. Discuss the principles of nursing audit relevant to ICU.

Rajiv Gandhi University of Health Sciences, Karnataka

Second Year M.Sc. (Nurse Practitioner in Critical Care) Degree Examination – 24-Feb-2023

Time: 3 Hours Max. Marks: 70

CRITICAL CARE NURSING - I

Q.P. CODE: 9667

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

Answer all the questions 10 X 7 = 70 Marks

1. Define heart block and enlist the types. Explain the critical care management of patients with complete heart block
2. Describe the seizure disorders and it's critical care management
3. Mr. M. came to the hospital with the history of breathing difficulty, edema all over the body. He has undergone investigations ECG, Echo-EF-25%. He is a known case of congestive cardiac failure. Describe critical care management of Mr. M.
4. Describe the management of patient with COPD in critical care setting
5. Explain the critical care management of patients with Chronic renal failure
6. Explain the management of patients with adrenal crisis in critical care setting
7. Mr. X brought to the hospital with slurred speech and weakness of the limbs, CT scan of head showed acute cerebro vascular accident. Explain the critical care pathway of managing CVA
8. Describe the critical care pathway of managing acute pancreatitis
9. Describe the management of patients with acute GI bleeding
10. Enlist the types of valvular heart disease. Explain the critical care management of patients with Mitral Valve Replacement (MVR)

Second Year M. Sc (Nurse Practitioner in Critical Care) Degree Examination – 28-Feb-2023

Time: 3 Hours Max. Marks: 70

CRITICAL CARE NURSING - II

Q.P. CODE: 9668

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

Answer all the questions 10 X 7 = 70 Marks

1. Define Shock. Write the types of shock and explain hypovolemic shock management by using critical care pathway
2. Explain the critical care management of disseminated intravascular coagulation
3. Discuss the assessment of burn, write the management for burns in detail
4. Explain the critical care management of Severe Acute Respiratory Syndrome (SARS)
5. Mention the critical care management for pregnancy induced hypertension
6. Write the physiological changes of older adults
7. Describe the management of post anaesthetic cardiovascular problems and emergencies in critical care unit
8. Explain about Asphyxia Neonatorum in critical care setting
9. Define disaster, enumerate the types of natural disaster and write about disaster management
10. Explain the concepts and theories of ageing

Rajiv Gandhi University of Health Sciences, Karnataka

First Year M.Sc. (Nurse Practitioner in Critical Care) Degree Examination – 28-Feb-2023

[Time: 3 Hours] [Max. Marks: 70]

Advanced Pathophysiology and Advanced Pharmacology relevant to Critical Care

Q.P. CODE: 9664

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

Answer all the questions 10 X 7 = 70 Marks

1. Mrs. A, 65 years old female admitted to MICU with acute exacerbation of COPD
   c) Explain the pathophysiology of COPD
   d) Discuss the management of Mrs. Z

2. Explain the management of patient with HELLP

3. Mr. Y, 30 years old male admitted to emergency ward with the history of road traffic accident. His GCS was 4/15 E_2 V_1 M_1. He is diagnosed to have subarachnoid hemorrhage (SAH) and he is on mechanical ventilator
   c) Explain the emergency management of Mr.Y
   d) Discuss the role of critical care nurses in prevention of mechanical ventilator related complications

4. Discuss the pathophysiology, diagnostic tests and management of patient with multi organ dysfunction syndrome (MODS)

5. Mrs. X, 50 years old male admitted to MICU with complaints of decreased urine output, edema. Blood value shows S creatinine 6.25 mg/dl, BUN-80mg/dl. He is diagnosed to have chronic renal failure (CRF)
   c) Discuss the management of patient with chronic renal failure
   d) Explain role of nurse in kidney transplantation

6. Explain the pharmacological management of patient with cardiac failure.

7. Classify antidepressants. Outline the critical care nurses responsibility while administering antidepressants

8. Discuss the drugs used in management of patient with Pulmonary edema.

9. Classify immunosuppressants. Discuss the mechanism of action and critical care nurses responsibility in administering immunosuppressants

10. Discuss the pharmacological management of patient with thyroid storm

Second Year M. Sc (Nurse Practitioner in Critical Care) Degree Examination – 28-Feb-2023

Time: 3 Hours Max. Marks: 70

CRITICAL CARE NURSING - II

Q.P. CODE: 9668

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

Answer all the questions 10 X 7 = 70 Marks

1. Define Shock. Write the types of shock and explain hypovolemic shock management by using critical care pathway
2. Explain the critical care management of disseminated intravascular coagulation

3. Discuss the assessment of burn, write the management for burns in detail

4. Explain the critical care management of Severe Acute Respiratory Syndrome (SARS)

5. Mention the critical care management for pregnancy induced hypertension

6. Write the physiological changes of older adults

7. Describe the management of post anaesthetic cardiovascular problems and emergencies in critical care unit
8. Explain about Asphyxia Neonatorum in critical care setting

9. Define disaster, enumerate the types of natural disaster and write about disaster management

10. Explain the concepts and theories of ageing

Rajiv Gandhi University of Health Sciences, Karnataka

First Year M.Sc. (Nursing) Degree Examination – 19-Jun-2023

[Time: 3 Hours] [Max. Marks: 80]

NURSING EDUCATION
(RS3/RS4)
Q.P. CODE: 9631

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

Answer All The Questions 08 X 10 = 80 Marks

1. Define Teaching and Learning and explain theories of Teaching and Learning.
2. Discuss steps involved in unit planning and develop a unit plan for Nursing Care of Children with Congenital anomalies in Child Health Nursing for II year B.Sc. Nursing students.
3. Explain responsibilities of a Principal of College of Nursing related to the class room and clinical evaluation of the students
4. **Differentiate Guidance & Counselling and explain organization of Guidance & Counselling Services in Nursing Educational Institutions**
5. Explain the teacher's role in procuring and managing instructional Aids.
6. Discuss briefly the patterns of nursing education and training programmes in India.
7. Explain accreditation in Nursing Education programmes.
8. Discuss Aims and agencies of Education.

First Year M.Sc. (Nursing) Degree Examination – 21-Jun-2023

[Time: 3 Hours] [Max. Marks: 80]

ADVANCE NURSING PRACTICE - (RS3/RS4)
Q.P. CODE: 9632

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

Answer All The Questions 8 X 10 = 80 M

1. Discuss application of Roy's adaptation theory with example.
2. **Discuss Nursing as a profession. Explain Quality Assurance in Nursing**
3. Discuss the extended and expanded role of nurse in community-based practice.
4. Define health. Discuss the health and illness spectrum in detail.
5. Genetic counseling.
6. Shock.
7. Nursing assessment.
8. Tele medicine and its uses in clinical practice.

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Rajiv Gandhi University of Health Sciences, Karnataka

First Year M.Sc. (Nursing) Degree Examination - 23-Jun-2023

[Time: 3 Hours] [Max. Marks: 8

NURSING RESEARCH - (RS3/RS4)
Q.P. CODE: 9633

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.
(Note: Both QP codes 9633 and 9634 should be, completed within the total duration of three hours)
Use separate answer books for 9633 and 9634.

Answer All The Questions 4 X 10 = 40 Mar

1. What is reliability of a data collection tool? List and explain methods of determini reliability or data collection tool.
2. List and explain the steps of research process.
3. Importance of pilot study in research.
4. a) Explain the characteristics of a good research designs b) Explain the factors that affe internal validity of research designs

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First Year M. Sc. (Nursing) Degree Examination - 23-Jun-2023

[Time: 3 Hours] [Max. Marks: 80]

STATISTICS (RS3/RS4)
Q.P. CODE: 9634

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.
(Note: Both QP codes 9633 and 9634 should be, completed within the total duration of three hours)
Use separate answer books for 9633 and 9634

Answer All The Questions 04 X 10 = 40

1. What standard deviation? Explain its superiority over other measures of dispersion.
2. The ranking of ten students in two subjects A and B is as follows.
   Calculate Spearman's Rank correlation coefficient.

A:	6	5	3	10	2	4	9	7	5	1
B:	3	8	4	9	1	6	10	7	5	2

3. Describe analysis of variance along with assumption. Explain its uses with a hypot example.
4. Application of statistics in health.

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Rajiv Gandhi University of Health Sciences, Karnataka

First Year M. Sc. (Nursing) Degree Examination – 26-Jun-2023

[Time: 3 Hours] [Max. Marks: 80]

MEDICAL SURGICAL NURSING
(RS3/RS4)
Q.P. CODE: 9635

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

Answer All The Questions 08 X 10 = 80 Marks

1. Explain the types of angina pectoris and describe the management of patient with unstable angina in coronary care unit.
2. List the types of fracture and explain the collaborative management of patient with Rib fracture.
3. Explain the management of patient with Organo Phosphorous (OP) poisoning in casuality/Emergency ward.
4. Describe the types of cataracts and explain the different types of cataract surgeries and post operative management of patient with cataract surgery.
5. Explain the causes for developing oral cancer and describe the different treatment modalities used to treat oral cancer.
6. Define acute renal failure and explain the medical and nursing management of patient with acute renal failure.
7. Explain the pathophysiology of Diabetic Keto Acidosis (DKA) and explain the management of patient with DKA.
8. Explain the causes of bronchial asthma and discusson pulmonary rehabilitation.

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First Year M.Sc. (Nursing) Degree Examination - 26-Jun-2023

[Time: 3 Hours] [Max. Marks: 80]

COMMUNITY HEALTH NURSING - I
(RS3/RS4)
Q.P. CODE: 9636

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

Answer All The Questions 8 X 10 = 80 M

1. Explain the strategies of millennium developmental goal (MDG) and enlist the sustai development goals (SDG's)
2. Discuss urbanization and its effect on health
3. Explain Betty Neuman's system theory with example
4. Describe in detail regarding family centred nursing approach
5. Explain public private partnership
6. Describe the methods of family limiting and spacing
7. Discuss on health information system and role of community health nurse in h information system
8. Explain the principles and strategies of Behavioral Change Communication (BCC)

Rajiv Gandhi University of Health Sciences, Karnataka

First Year M.Sc. (Nursing) Degree Examination - 26-Jun-2023

Time: 3 Hours Max. Marks: 80

CHILD HEALTH (PAEDIATRIC) NURSING
(RS-3/RS-4)
Q.P. CODE: 9637

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

Answer All The Questions 8 X 10 = 80

1. Discuss the trends in paediatric nursing
2. Describe the stressors and reactions of children to hospitalization
3. Explain the growth and development of a preschooler
4. Describe the common behavioural problems of a toddler and their management
5. Discuss the care of a normal newborn at birth
6. Describe the nutritional assessment of a under five child
7. Explain the role of a paediatric nurse in drug administration
8. Discuss the importance of prenatal care and the role of a paediatric nurse in genetic cour

First year M. Sc. (Nursing) Degree Examination – 26-Jun-2023

Time: Three Hours Max. Marks: 80 Marks

OBSTETRICS AND GYNECOLOGICAL NURSING
(RS3/RS4)
Q.P. CODE: 9638

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

Answer All The Questions 8 x 10 = 80 M

1. Explain the stages and onset of labour and explain the alternative / complemen therapies used in the management of 1st stage of labour of mother
2. Describe the physiological and psychological adaptation of women during pregnar
3. Explain the maternal and fetal ill effect on drugs consumed in pregnancy
4. Describe the nursing management of assessment of normal postnatal women
5. Discuss the role of the midwifery nurse practitioner in NICU
6. Write in detail the genetic counseling of couples by the midwife in prevention genetic abnormalities during pregnancy
7. Describe the ethical and legal aspects of Assisted Reproductive Technology in management of infertility
8. Discuss the role of the various NGO’s in MCH services

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Rajiv Gandhi University of Health Sciences, Karnataka

First Year M.Sc. (Nursing) Degree Examination - 26-Jun-2023

Time: 3 Hours | Max. Marks: 80

MENTAL HEALTH (PSYCHIATRIC) NURSING
(RS-3/RS-4)
Q.P. CODE: 9639

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

Answer All The Questions | 8 X 10 = 80 Ma

1. Explain on National Mental Health Programme
2. Describe on Neurotransmitters
3. Write on theory of psychosocial development
4. Explain the techniques of therapeutic communication
5. Write on nursing management for a client with low self esteem
6. Discuss on therapeutic community
7. Write on techniques that promote assertive behaviour
8. Classify antipsychotic drug. Write nursing implication on side effect for antipsychotic drug

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First Year M.Sc. (Nurse Practitioner in Critical Care) Degree Examination – 19-Jun-2023

[Time: 3 Hours] | [Max. Marks: 70]

Research Application and Evidence Based Practice in Critical Care
Q.P. CODE: 9662

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

Answer all the questions | 10 X 7 = 70 Mark

1. Explain the significance of research in advanced nursing role
2. Discuss the different types of Quantitative research designs
3. Enlist the various tools and techniques of data collections and develop information o informed consent
4. Importance of EBP and the areas of Evidence in Critical care
5. Explain the steps of Review of Literature
6. **Define Qualitative Research & Explain any one method of Qualitative Research in detai**
7. Discuss Strategies to promote EBP
8. Describe Research report proposal
9. Define sampling and explain probability sampling
10. Enlist steps of research process and explain formulation of statement of problem

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Rajiv Gandhi University of Health Sciences, Karnataka

First Year M.Sc. (Nurse Practitioner in Critical Care) Degree Examination – 21-Jun-2023

Time: 3 Hours **Max. Marks: 70**

Advanced Skills in Leadership, Management and Teaching Skills

Q.P. CODE: 9663

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

Answer all the questions 10 X 7 = 70 Mark

1. Mrs. Mary is an in charge of 20 bedded ICU.
   a. What are the communication skills required in ICU?
   b. Brief critical thinking skills for better decision making

2. a. Define material management
   b. Explain the role of Nurse in-charge ICU in material management

3. a. Define performance appraisal
   b. Explain any two best methods used for evaluation of CCU staff

4. What are the methods you can utilize for educating staff in ICU setting explain

5. Differentiate between competency-based education and outcome-based education wit examples

6. Explain the principles of conflict management in critical care environment

7. Describe the role of mentor in ICU setup

8. Describe the different styles of leadership

9. Describes the characteristics of good budget and prepare a budget estimate to equi newly built ICU

10. Describe nursing audit for quality improvement in critical care setting

First Year M.Sc. (Nurse Practitioner in Critical Care) Degree Examination – 23-Jun-2023

[Time: 3 Hours] [Max. Marks: 70]

Advanced Pathophysiology and Advanced Pharmacology relevant to Critical Care

Q.P. CODE: 9664

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

Answer all the questions 10 X 7 = 70 Mark

1. Discuss the pathophysiology, diagnosis and management of patient with Multiple Orga Dysfunction Syndrome (MODS)

2. Classify epilepsy. Discuss the pathophysiology of epilepsy. Outline the health educatio for patient with epilepsy

3. Explain the Pathophysiology of pulmonary tuberculosis

4. Explain the Emergency management of myocardial infarction

5. Discuss the drugs used in congestive cardiac failure. Write the nurses responsibility i administering Digoxin

6. Classify chemotherapeutic drugs. Discuss the side effects and write the nurses role i management of side effects

7. Classify antidepressants and outline nurse's responsibility while administerin antidepressants

8. Standing orders for cardiac critical care emergencies

9. Classify oral hypoglycemic agents and discuss specific nurse responsibilities

10. Classify diuretics and write the mechanism of action of mannitol in treating CVA patient

Rajiv Gandhi University of Health Sciences, Karnataka

Second Year M.Sc. (Nurse Practitioner in Critical Care) Degree Examination – 20-Jun-2023

[Time: 3 Hours] [Max. Marks: 70]

Foundations of Critical Care Nursing Practice
Q.P. CODE: 9666

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

Answer all the questions 10 X 7 = 70 Marks

1. Enumerate on infection control policies and protocols in critical care unit.
2. Describe ethical issues relevant to critical care.
3. Explain the challenges in critical care nursing.
4. Discuss the methods to identify critical care psychosis and its management.
5. Explain critical care unit design with principles for 10 bedded unit.
6. Explain the principles and process of triaging.
7. Describe the impact of critical care environment on patients in ICU.
8. Explain care of a patient with sedation on mechanical ventilation.
9. Discuss the challenges for patient and family education in critical care.
10. Explain the care of a patient with electrolyte imbalances.

Second Year M.Sc. (Nurse Practitioner in Critical Care) Degree Examination – 22-Jun-2023

Time: 3 Hours Max. Marks: 70

CRITICAL CARE NURSING - I
Q.P. CODE: 9667

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

Answer all the questions 10 X 7 = 70 Marks

1. Mr. X. admitted in the hospital with the complaints of chest pain and breathing difficulty, he was undergone investigation ECG, Echo and CAG. It shows he has coronary artery disease (LMCA-90% occlusion). Explain the critical care management of Mr. X
2. Explain the critical care management of spinal cord injury patient in critical care setting
3. Describe the critical care management of patient with Peripheral Vascular Disease (PVD)
4. Mr. A. came to the hospital with the history of palpitations, shortness of breath and haemoptysis, he undergone CT angiography chest and diagnosed as pulmonary embolism. Explain the critical care pathway of managing Mr. X
5. Explain The Critical Care Pathway Management Of Patient With Syndrome of Inappropriate Antidiuretic Hormone (SIADH)
6. Explain the critical care management of patients with status asthmatics
7. Explain the critical care management of patients with pneumonia
8. Mr. M. brought to the emergency department with sudden unconscious, abdominal distension; he had a history of chronic alcoholism and known case of hepatic failure. Explain the critical care management of hepatic encephalopathy
9. Explain the critical care management of patient with cardiomyopathy
10. Discuss the Critical care management of patients with acute bladder trauma