Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. (Nursing - Basic) Degree Examination – 09-Jan-2024

Time: Three Hours **Max. Marks: 80 Marks**

CHILD HEALTH NURSING (RS)
Q.P. CODE: 1688

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

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. a) Define poisoning
   b) Write the cause and types of poisoning
   c) Explain the management of organophosphorus poisoning

2. a) Define Leukemia
   b) Explain the clinical features of Leukemia
   c) Describe Medical and nursing management of a child with Leukemia

3. Enlist the modern concepts in child care and Describe changing trends in Paediatric Nursing.

SHORT ESSAYS (Answer any Eight) **8 x 5 = 40 Marks**

4. Explain the therapeutic and nursing management with Iron Deficiency Anemia.
5. Define Restraints. List the types and explain any one in detail.
6. Explain care of Newborn in Incubator.
7. Battered child syndrome.
8. Define Kwashiorkor. Write the causes clinical features and management of Kwashiorkar.
9. Define Spina bifida. Explain the types and its management.
10. National nutritional programmes for children.
11. Anatomical and physiological differences between adult and children in relation to respiratory and digestive system.
12. Explain the congenital cyanotic anomalies of the Heart.
13. Enuresis.

SHORT ANSWERS **10 x 2 = 20 Marks**

14. Complication of Jaundice.
15. What is weaning?
16. Tics.
17. Enlist the speech defects in children.
18. Resuscitation.
19. Define Hernia.
20. What are Koplik's spots?
21. List the types of Diphtheria.
22. Write the causes of Vit-D deficiency.
23. What do you mean by Acromegaly?

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. (Nursing - Basic) Degree Examination – 11-Jan-2024

Time: Three Hours **Max. Marks: 80**

MEDICAL SURGICAL NURSING – II (RS)
Q.P. CODE: 1689

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

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. a) Define meningitis
   b) Enlist the causes and diagnostic procedures
   c) Explain the management of patient with meningitis
2. a) Define glaucoma
   b) List the types of glaucoma
   c) Write the detail the surgical interventions for glaucoma
3. Mr. 'X' 60-year-old male is admitted with the history of chronic obstructive pulmonary disease
   a) Define COPD
   b) List the causes and clinical manifestations of COPD
   c) Explain the medical and nursing management of COPD

SHORT ESSAYS (Answer any Eight) **8 x 5 = 40 Marks**

4. Glasgow coma scale
5. Clinical manifestations of RHD
6. Cardiac arrest
7. Tonsillitis
8. Management of status asthmaticus
9. Drugs used in epilepsy
10. Parkinson's disease
11. Role of Nurse in cardiac catheterization
12. Management of patient with Quadriplegia
13. Eye banking

SHORT ANSWERS **10 x 2 = 20 Marks**

14. ECG
15. Laryngitis
16. Sinus Bradycardia
17. Digoxin toxicity
18. Rinne's test
19. Difference between Hemothorax and pneumothorax
20. Coronary atherosclerosis
21. Sputum for AFB
22. DNS
23. Mantoux test

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. Nursing Degree Examination – 16-Jan-2024

Time: Three Hours **Max. Marks: 75 Marks**

MEDICAL SURGICAL NURSING – II
(RS2, RS3, RS4 & RS5)
Q.P. CODE: 1768

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

ESSAYS TYPE **2 x 10 = 20 Marks**

1. Mrs. X 32 years old female has been admitted to neuro ward with diagnosis of Multiple Sclerosis (MS) – Answer the following:
   a) Explain the pathophysiology of MS.
   b) Write a nursing care plan for Mrs. X based on three prioritized nursing diagnosis.

2. Mr. Y a 60 years old male is admitted to oncology ward with diagnosis of cancer – Answer the following:
   a) List the risk factors of colon cancer.
   b) Enumerate the diagnostic measures for colon cancer.
   c) Explain about care of patient with colostomy.

SHORT ESSAYS TYPE **7 x 5 = 35 Marks**

3. Discuss causes and signs and symptoms of speech disorders.
4. Define Tonometry and list the types of tonometers and explain the procedure of Tonometry.
   OR
   Define glaucoma and briefly explain the types of glaucoma ?
5. Explain the clinical manifestations and collaborative management of Fibrocystic disorders of the breast.
6. Differentiate between uterine prolapse, rectocele and Cystocele
7. Explain the management of a patient with snake bite.
8. Describe the role of a nurse in meeting the nutritional needs of elderly.
9. Explain the factors to be taken into account while communicating with critically ill patient and their family members.

SHORT ANSWERS **10 x 2 = 20 Marks**

10. List two types of audiometry.
11. List indications for ear irrigation.
12. Write modified Brooke formula for fluid calculation in burns.
13. What is the use of Opthalmoscope?
14. State the triad of Parkinson's Syndrome.
15. List three major functions of Nervous System.
16. Define cervical polyps.
17. Enumerate the major nursing diagnosis of a patient with Burns.
18. List common metastatic sites.
19. What computer vision syndrome?

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. (Nursing - Basic) Degree Examination – 17-Jan-2024

Time: Three Hours **Max. Marks: 80**

MENTAL HEALTH NURSING (RS)
Q.P. CODE: 1690

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

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. a) Define therapeutic nurse patient relationship
   b) Explain the tasks and barriers during each phase of nurse patient relationship
2. a) Define mania
   b) List down the types of mania
   c) Write a nursing management for a patient with mania
3. a) Enlist the types of psychiatric emergencies
   b) Discuss in detail the nursing management of a patient with suicidal ideation

SHORT ESSAYS (Answer any Eight) **8 x 5 = 40 Marks**

4. Discuss the concept of normal and abnormal behaviour
5. Describe occupational therapy
6. Explain the etiology and clinical features of anorexia nervosa
7. Describe the care and rehabilitation of mentally retarded child
8. Explain the role of a nurse in primary prevention of psychiatric illness
9. Discuss the admission procedure in psychiatry
10. Discuss the nurses responsibility for a patient receiving anxiolytics
11. Explain alcohol deterrent therapy
12. Discuss the nature and scope of mental health nursing
13. Explain in detail the nursing management of a patient with depression

SHORT ANSWERS **10 x 2 = 20 Marks**

14. List down the types of hallucination
15. Define Korsakoff syndrome
16. Differentiate mood and affect
17. Define acute dystonia
18. Explain histrionic personality disorder
19. Describe informed consent
20. Define confabulation
21. What is waxy flexibility?
22. Define voyeurism
23. Enlist any four antidepressant drugs

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. Nursing Degree Examination – 18-Jan-2024

Time: Three Hours **Max. Marks: 75 Marks**

CHILD HEALTH NURSING
(RS2, RS3, RS4 & RS5)
Q.P. CODE: 1769

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

LONG ESSAYS **2 x 10 = 20 Marks**

1. A five year old child came to the hospital with the history of breathing difficulty and wheezing
   a) Define Bronchial Asthma
   b) List the causes of Bronchial Asthma
   c) Explain the nursing management of the child with Bronchial Asthma

2. a) Define Cleft Lip and cleft palate
   b) Write the surgical management for cleft lip and cleft palate
   c) Write the nursing care plan for the child with cleft lip and palate

SHORT ESSAYS **7 x 5 = 35 Marks**

3. Explain the role of a nurse in post-operative care of child and family
4. Write the causes and classification of convulsions
5. Explain principles for complementary feeding
6. Describe the developmental milestones of an infant
7. Explain Kangaroo mother care
8. List the National Nutritional Programmes for the health and welfare of children and explain any two
9. Describe IMNCI case management process of young infant with diarrhoea

SHORT ANSWERS **10 x 2 = 20 Marks**

10. List the causes of hydrocephalus
11. List the common behavioural disorders of on infant
12. Define Thrombo-cytopenic purpura
13. List the clinical features of pulmonary stenosis
14. Define Erythema Marginatum
15. List the management of nephrotic syndrome
16. Write the causes of Vit D deficiency
17. List the stages of Wilm’s tumor
18. Enlist the clinical features of Measles
19. Write the causes of psoriasis

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. Nursing Degree Examination – 22-Jan-2024

Time: Three Hours **Max. Marks: 75**

MENTAL HEALTH NURSING
(RS-2, RS-3, RS-4 & RS-5)
Q.P. CODE: 1770

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

LONG ESSAYS **2 x 10 = 20 Marks**

1. Define ECT and explain the nurse's role in ECT
2. Define dementia, explain the stages of dementia and the nursing management of a patient with dementia

SHORT ESSAYS **7 x 5 = 35 Marks**

3. Classify mental disorders according to ICD-10
4. Write a note on National Mental Health Programme
5. Describe the clinical features of obsessive compulsive disorder
6. Explain Johari Window
7. Explain the management of a patient with long term alcohol abuse
8. Classify mental retardation and explain the signs and symptoms
9. Explain the types of psychiatric emergencies

SHORT ANSWERS **10 x 2 = 20 Marks**

10. Assertive training
11. What is dystonia ?
12. Differentiate cyclothymia and dysthymia
13. What is dissociative fugue?
14. Mc Naughten's rule
15. Enlist types of personality disorder
16. List down the classification of BPAD
17. Types of family therapy
18. Define projection with example
19. Define rehabilitation

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. Nursing Degree Examination – 24-Jan-2024

Time: Three Hours **Max. Marks: 75**

NURSING RESEARCH AND STATISTICS
(RS-2, RS-3, RS-4 & RS-5)
Q.P. CODE: 1773

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

ESSAYS TYPE **2 x 10 = 20 Marks**

1. Define sampling. List the types of sampling techniques. Explain about probability sampling techniques.

2. What are the characteristics of experimental research designs? Explain the types of true experimental designs.

SHORT ESSAYS TYPE **7 x 5 = 35 Marks**

3. Enumerate the steps of quantitative research process.
4. Explain the classification of hypotheses.
5. Explain the process of preparing review of literature.
6. **Describe the criteria of a good research problem.**
7. Describe about the scales of measurement.
8. The duration of hospital stay of five patients was 6,4,2,3 and 5 days. Compute the standard deviation.
9. Discuss the various data collection instruments.

SHORT ANSWERS **10 x 2 = 20 Marks**

10. State any four needs of nursing research.
11. Define pilot study.
12. State any four principles of tabulation.
13. State any four uses of statistics in health field.
14. Define mode.
15. What is Karl Pearson's correlation co-efficient?
16. Define Type II error.
17. What is a foot note?
18. Define validity and reliability.
19. Mention two methods by which the research reports are presented.

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. Nursing Degree Examination – 30-Apr-2024

Time: Three Hours **Max. Marks: 75**

NURSING RESEARCH AND STATISTICS
(RS-2, RS-3, RS-4 & RS-5)
Q.P. CODE: 1773

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

ESSAYS TYPE **2 x 10 = 20 Marks**

1. What are the characteristics of experimental research design? Explain the quasi experimental research design.

2. Define observation. List the methods of data collection. Describe the structured observation method.

SHORT ESSAYS TYPE **7 x 5 = 35 Marks**

3. Define nursing research. List any six purposes of nursing research.
4. Explain the target and accessible population in research study.
5. Write important electronic and print database used by researchers for review of literature.
6. Explain the aspects involved in data interpretation.
7. List the advantages and disadvantages of written communication of research report.
8. Explain features of tabulation.
9. Explain the aspects involved in data summarization.

SHORT ANSWERS **10 x 2 = 20 Marks**

10. Define co-efficient of correlation.
11. State any four characteristics of good research.
12. **Write the meaning of critical review of published research**
13. Define validity.
14. Define Likert scale.
15. Difference between convenient and quota sampling.
16. List the factors influencing sampling process.
17. List the types of questions.
18. Define unstructured interview.
19. **Write the meaning of summarization of research study findings**

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. (Nursing - Basic) Degree Examination – 25-Jun-2024

Time: Three Hours **Max. Marks: 80 Marks**

CHILD HEALTH NURSING (RS)

Q.P. CODE: 1688

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

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. a) Define trachea – oesophageal fistula.
   b) What are the signs and symptoms of trachea oesophageal fistula?
   c) Explain the nursing management of a child with trachea oesophageal fistula.
2. How do children react to hospitalization? Explain.
3. a) What is Leukemia?
   b) Explain the clinical features of Leukemia.
   c) Write in detail about the management of Leukemia.

SHORT ESSAYS (Answer any Eight) **8 x 5 = 40 Marks**

4. Describe child to child concept.
5. Explain the oxygen administration in children.
6. Explain care of a Newborn in incubator.
7. Complications and management of nephrotic syndrome
8. Describe the components of under five clinics.
9. Define hypospadias and write the management of hypospadias.
10. Define kwashiorkor and write the causes and clinical features of kwashiorkor.
11. Explain immunization schedule.
12. Define restraints. Explain different types of restraints.
13. Describe recent trends in care of children.

SHORT ANSWERS **10 x 2 = 20 Marks**

14. List any four vitamin deficiency disorders.
15. What is exclusive breast feeding?
16. Mention the importance of growth chart monitoring.
17. What is Acromegaly?
18. Classify congenital heart defects.
19. Cardinal signs of pyloric stenosis
20. What is ortolani sign?
21. Clinical manifestations of Chicken pox
22. Define enuresis.
23. What is cretinism?

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. (Nursing - Basic) Degree Examination – 27-Jun-2024

Time: Three Hours **Max. Marks: 80 Marks**

MEDICAL SURGICAL NURSING – II (RS)

Q.P. CODE: 1689

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

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. Mrs. Hema 50 years admitted with Acute Myocardial Infarction.
   a) List the risk factors of Acute Myocardial Infarction.
   b) Explain the pathophysiology of Acute Myocardial Infarction.
   c) Write the nursing management of patient with Acute Myocardial Infarction.

2. a) Define Bronchial asthma.
   b) Discuss the pathophysiological basis of clinical manifestations in Bronchial asthma.
   c) Write nursing management for a patient with Bronchial asthma.

3. Suma is admitted in ENT ward with Ear pain and Ear discharge from past 6 months and diagnosed as chronic otitis media.
   a. Define Otitis media.
   b. Describe the pathophysiology of chronic otitis media and list complications.
   c. Explain the nursing management of patient with otitis media.

SHORT ESSAYS (Answer any Eight) **8 x 5 = 40 Marks**

4. Nursing Care of unconsciousness patient.
5. Definition Brochiectasis and explain the management.
6. Explain Types of Brain tumour.
7. Causes and manifestation of spinal card injury.
8. Pneumonia.
9. Pharyngitis.
10. Glasgow Coma scale.
11. Respiratory failure.
12. Tracheostomy care.
13. Deviated nasal septum.

SHORT ANSWERS **10 x 2 = 20 Marks**

14. EEG.
15 Clinical manifestations of head injury.
16. Cardinal signs of meningitis.
17. Define Bell's palsy.
18. Migraine.
19. Pulmonary edema.
20. Corneal transplant.
21. Define Emphysema.
22. Myasthenia gravis.
23. Define Keratitis.

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. Nursing Degree Examination – 25-Jun-2024

Time: Three Hours **Max. Marks: 75 Marks**

MEDICAL SURGICAL NURSING – II
(RS2, RS3,RS4 & RS5)
Q.P. CODE: 1768

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

ESSAYS TYPE **2 x 10 = 20 Marks**

1. Mr. Y, 75 years old male has been diagnosed to have Parkinson's disease. He is giving the history of tremors, rigidity, postural changes and difficulty in swallowing.
   a) What are the causes of Parkinson's disease?
   b) List the medical measures for managing Parkinson's disease
   c) Describe the components of home care management for Mr. Y

2. **Mrs. X, 48 years old female is admitted with complains of pain in right hypochondriac region. On examination a palpable solid mass is found.**
   a) Differentiate between benign and malignant tumors
   b) List the warning signs of cancer
   c) Explain the TNM classification of cancer

SHORT ESSAYS TYPE **7 x 5 = 35 Marks**

3. Briefly describe the causes, signs and symptoms of Otitis media
4. Discuss briefly about retinal detachment
5. Classify and explain Abortions
6. Explain the causes and signs and symptoms of menopause
7. Define shock. Explain the different types of shock
8. Describe the use of hearing aids for elderly people
9. Explain the modes of mechanical ventilator

SHORT ANSWERS **10 x 2 = 20 Marks**

10. Define laryngitis
11. Define Nasal septal deviation
12. Enumerate the etiology of cataracts
13. Explain the use of Ophthalmoscope?
14. List the stages of seizures
15. Enumerate medical and surgical management of Neuro-cysticercosis
16. Define cervical polyps
17. List the topical applications used in burns
18. Classify Leukemia
19. Define occupational disorders

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. Nursing Degree Examination – 27-Jun-2024

Time: Three Hours **Max. Marks: 75 Marks**

CHILD HEALTH NURSING
(RS2, RS3, RS4 & RS5)
Q.P. CODE: 1769

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

LONG ESSAYS **2 x 10 = 20 Marks**

1. a) List the differences between growth and development
   b) Explain the physical, psychosocial, psychosexual, intellectual and language development of a school age child

2. A newborn was admitted to the ward with a protrusion on the back and diagnosed with spina bifida
   a) Define Spina Bifida
   b) List the types of spina bifida
   c) Explain the post operative nursing management of the baby with spina bifida

SHORT ESSAYS **7 x 5 = 35 Marks**

3. Explain the Freud's psychosexual development stages form infancy to adolescence
4. Explain National Immunization schedule for children
5. Write the causes, signs and symptoms of intestinal obstruction
6. Explain the care of new born with Meconium aspiration syndrome
7. Describe the modern concepts of child care in relation to preventive, promotive and curative aspect of health
8. Write the management for drowning and near drowning
9. Describe the responsibilities of a nurse in prevention and control of infection in NICU

SHORT ANSWERS **10 x 2 = 20 Marks**

10. Mention the types of play in children
11. What is extrusion reflex?
12. Define juvenile delinquency
13. List the clinical features of Coarctation of Aorta
14. Define small for date baby
15. List the types of Dermatitis
16. List the clinical manifestations of chicken pox
17. Define Cerebral Palsy
18. List importance of anthropometric assessment
19. List the types of breast milk

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. (Nursing - Basic) Degree Examination – 01-Jul-2024

Time: Three Hours **Max. Marks: 80 Marks**

MIDWIFERY INCLUDING MATERNITY AND GYNAECOLOGICAL NURSING - I (RS))

Q.P. CODE: 1691

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

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. a) Explain about the principle movements in mechanism of labour.
   b) Discuss about management of 2nd stage of labour.

2. a) Define normal pregnancy.
   b) Explain the physiological changes during pregnancy in the reproductive, cardiovascular and gastrointestinal system during pregnancy.

3. a) List down criteria for normal labour.
   b) Explain the mechanism of placental separation and management of third stage of labour.

SHORT ESSAYS (Answer any Eight) **8 x 5 = 40 Marks**

4. Explain the embryonic development.
5. Enumerate any five minor disorders in pregnancy and their management.
6. Define puerperium. Explain the anatomical and Physiological changes in reproductive organs during puerperium.
7. Explain the nature and scope of women and child health.
8. Enlist the ten steps of BFHI.
9. Describe the development of placenta.
10. Role of nurse in phototherapy.
11. Explain the components of partograph.
12. Describe the management of asphyxia neonatorum.
13. Draw a neat labelled diagram of uterus and explain its functions.

SHORT ANSWERS **10 x 2 = 20 Marks**

14. Oxytocin.
15 Fertilization.
16. Nurses responsibility in family planning.
17. Differentiate Jacquemier's and palmer sign.
18. Show.
19. Causes of maternal morbidity.
20. Polarity of uterus.
21. Lightening.
22. Sutures in fetal skull.
23. List any four causes of neonatal mortality.

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. Nursing Degree Examination – 01-Jul-2024

Time: Three Hours **Max. Marks: 75**

NURSING RESEARCH AND STATISTICS
(RS-2, RS-3, RS-4 & RS-5)
Q.P. CODE: 1773

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

ESSAYS TYPE **2 x 10 = 20 Marks**

1. Define pilot study. Discuss in detail the steps involved in pilot study.
2. Classify research design with suitable example.

SHORT ESSAYS TYPE **7 x 5 = 35 Marks**

3. Briefly describe the steps of Nursing Research.
4. "A Research Problem well stated is Research half done" – Explain in detail.
5. Explain sources of literature review.
6. Explain the aspects involved in data interpretation.
7. Explain the steps used in construction of a Pie Diagram.
8. Draw a bar diagram for the following data:

Types of Occupation	Number of Patients
Unskilled Labourer	30
Skilled Labourer	23
Govt. Employees	40
House Makers	45

9. List the Advantages and disadvantages of oral reports.

SHORT ANSWERS **10 x 2 = 20 Marks**

10. List any two sources of knowledge for nursing research.
11. List any two statistical packages.
12. How is the reference stated in the content when using the Vancouver method?
13. Define control group.
14. Define average.
15. Mention any two advantages of non-random sampling.
16. Define summarization of data.
17. What is normal probability?
18. Define correlation.
19. What are written reports?

Rajiv Gandhi University of Health Sciences, Karnataka

III Semester B. Sc Nursing Degree Examination - 01-Jul-2024

Time: Three Hours **Max. Marks: 37**

APPLIED MICROBIOLOGY – SECTION – A (RS-6)

Q.P. CODE: 1782

(QP Contains Two Pages)

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

(Note: Both QP Codes 1782 and 1783 are to be answered within total duration of 3 hours)

LONG ESSAY **1 x 10 = 10 Marks**

1. a) Describe the classification and types of microbes
   b) Explain the morphology and growth of microbes

SHORT ESSAYS **3 x 5 = 15 Marks**

2. Explain the types of culture and media preparation
3. Describe the virulence factors of streptococcus pyogenes with laboratory diagnosis
4. Explain agglutination and types of agglutination reaction

SHORT ANSWERS **3 x 2 = 6 Marks**

5. List two branches of microbiology
6. Enumerate the limitations of Koch's Postulates
7. Give two examples for amphitrichous bacteria

Multiple Choice Questions **6 x 1 = 6 Marks**

8. Cholera Vibrios was discovered by
   A. Robert Koch
   B. Paul Ehrlich
   C. Max Theiler
   D. Joseph Lister

9. Bacteria that die on exposure to oxygen are called
   A. Obligate anaerobes
   B. Obligate aerobes
   C. Microaerophilic bacteria
   D. Facultative anaerobes

10. A culture medium that distinguishes one micro-organism from another is
    A. Enriched medium
    B. Complex medium
    C. Chemically defined medium
    D. Mac Conkey's medium

11. Cutaneous infections caused by Staphylococcus is
    A. Pneumonitis
    B. Empyema
    C. Impetigo
    D. Pyemia

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12. The most commonly isolated enterococcus from human sources is
    A. Enterococcus avium
    B. Enterococcus faecalis
    C. Enterococcus Termitis
    D. Enterococcus resistant to Vancomycin

13. Pulse polio immunization is a method of attaining
    A. Local Immunity
    B. Natural active immunity
    C. Herd immunity
    D. Humoral immunity

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III Semester B.Sc Nursing Degree Examination – 01 July, 2024

Time: Three Hours **Max. Marks: 38**

INFECTION CONTROL AND SAFETY – SECTION – B (RS-6)
Q.P. CODE: 1783

(QP Contains Two Pages)

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

(Note: Both QP Codes 1782 and 1783 are to be answered within total duration of 3 hours)

LONG ESSAY **1 x 10 = 10 Marks**

1. a) Describe the precautions of contact-based transmission.
   b) Explain safety indications for prevention of iatrogenic injury.

SHORT ESSAYS **3 x 5 = 15 Marks**

2. Write a note on the colour coding for disposal of biomedical waste in hospital
3. Outline the steps of 5S methodology with relevance to hospital
4. Describe the protocols for needle stick injury in hospitals

SHORT ANSWERS **3 x 2 = 6 Marks**

5. List five elements of Central Line Associated Blood Stream Infections (CLABSI) Bundle
6. Outline the steps recommended by WHO for performing for hand hygiene with alcohol-based hand rubs.
7. Identify three precautions while handling specimens.

Multiple Choice Questions **7 x 1 = 7 Marks**

8. The Purpose of adding potassium permanganate to a sitz bath is
    A. To increase the temperature of the water
    B. To reduce inflammation of the skin
    C. To enhance cleansing and provide antimicrobial effects
    D. To improve the smell of the bathwater

9. The common infection transmitted through contaminated medical equipments is
   A. Influenza
   B. Methicillin-resistant Staphylococcus aureus (MRSA)
   C. Hepatitis C
   D. Tuberculosis

10. The Most Common disinfectant used to clean pyogenic wounds
   A. Mercuric chloride
   B. Hydrogen peroxide
   C. Formaldehyde
   D. Glutaraldehyde

11. **Catheters can sterilized in**
   A. Ethylene Oxide
   B. Formalin
   C. Gluteraldehyde
   D. Ozone

12. The purpose of Antimicrobial stewardship is
   A. Protection from fall
   B. Protecting patient identity
   C. Ensure manpower availability
   D. Effective treatment of infections

13. When a patient is found on the floor without the knowledge of nurse or bystander, is termed as
   A. Near fall
   B. Un-witnessed fall
   C. Accidental fall
   D. High risk fall

14. Narcotics should be stored in
   A. Mixed with other medications
   B. Double Person, Double lock
   C. Mixed In open Space
   D. Steel cupboard

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Rajiv Gandhi University of Health Sciences, Karnataka

III Semester B. Sc Nursing Degree Examination - 03-Jul-2024

Time: Three Hours **Max. Marks: 75**

ADULT HEALTH NURSING I (RS-6)

Q.P. CODE: 1784

(QP Contains Two Pages)

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

LONG ESSAY **2 x 15 = 30 Marks**

1. Mr. X, aged 50 years, male is admitted to the medical ward with the diagnosis of acute Pancreatitis.
   a) Define Pancreatitis.
   b) Explain the Pathophysiology and complications of acute Pancreatitis.
   c) Write the nursing care plan for Mr. X with three prioritized Nursing diagnoses .
2. Mr. R, aged 55 years, male is admitted to the medical ward with the diagnosis of Hypertension.
   a) Define Hypertension
   b) Explain the types and Pathophysiology of Hypertension.
   c) Discuss the life style modifications to be taken by Mr. R.

SHORT ESSAYS **5 x 5 = 25 Marks**

3. Enumerate the steps used in Surgical Scrubbing in Operating Theatre
4. Enlist the types and discuss the clinical Manifestations of Emphysema
5. Enumerate the causes and list the manifestations of Acute Respiratory Distress Syndrome.
6. Explain the Micro and Macro vascular complications of Diabetic Mellitus
7. Explain the risk factors and complication of Osteoporosis

SHORT ANSWERS **4 x 2 = 8 Marks**

8. Enlist the stages of Wound healing
9. List four types of Shock
10. Define Thalassemia
11. Define Psoriasis

Multiple Choice Questions **12 x 1 = 12 Marks**

12. Which among the following is NOT a factor for delayed wound healing?
    A. Smoking
    B. Malnutrition
    C. Low immunity
    D. Adequate tissue perfusion
13. Which among the following is a suitable example of inhaled gaseous anesthesia agent?
    A. Isoflurane
    B. Methoxiflurine
    C. Nitrous oxide
    D. Halothane
14. The type of Pain felt in a part of body that is far from the site of stimulus causing Pain is
    A. Visceral pain
    B. Cutaneous pain
    C. Referred pain
    D. Somatic pain

15. The rationale behind the advice to drink 2 to 3 liters of fluid per day during an acute episode of upper respiratory tract infection is to
    A. Increase urine output
    B. Liquefy respiratory secretion**s**
    C. Correct electrolyte imbalance
    D. Increase cardiac output
16. Maximum volume of air exhaled after a Maximum inspiration is termed as
    A. Vital Capacity
    B. Forced Vital Capacity
    C. Forced Expiratory Volume
    D. Tidal Volume
17. An intervention for preventing Deep Vein Thrombosis is
    A. Providing complete bed rest
    B. Application of cold
    C. Application of pneumatic compression device
    D. Application of heat
18. What is the recommended depth for chest compressions during adult CPR?
    A. At least 1 inch (2.5 centimeters)
    B. At least 2 inches (5 centimeters)
    C. At least 0.5 inches (1.5 centimeters)
    D. At least 3 inches (7.5 centimeters)
19. Which among the following is not a type of Skin Cancer
    A. Basal cell Carcinoma
    B. Squamous cell Carcinoma
    C. Multiple Myeloma
    D. Malignant Melanoma
20 Reconstruction of Joint is called as
    A. Arthrodesis
    B. Arthroplasty
    C. Disarticulation
    D. Arthrocentesis
21 Diagnostic test for Malaria is
    A. Peripheral smear
    B. Widal test
    C. Mantoux test
    D. Western blot
22. An autoimmune disorder of the Skin characterized by eruption of blister is
    A. Candidiasis
    B. Pemphigus Vulgaris
    C. Lichen planes
    D. Psoriasis
23. The inflammatory condition caused by reactivation of chicken pox virus is
    A. Herpes zoster infection
    B. Herpes simplex infection
    C. Systemic lupus erythematosus
    D. Cytomegalovirus infection

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. Nursing Degree Examination – 03-Jul-2024

Time: Three Hours **Max. Marks: 75 Marks**

MENTAL HEALTH NURSING
(RS2, RS3, RS4 & RS5)
Q.P. CODE: 1770

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

LONG ESSAYS **2 x 10 = 20 Marks**

1. a) Define therapeutic community.
   b) Describe the components of therapeutic community.
   c) Explain the role of nurse in therapeutic community.

2. a) Define schizophrenia.
   b) Describe in detail catatonic schizophrenia and its nursing management.

SHORT ESSAYS **7 x 5 = 35 Marks**

3. Explain Mental Health Act of 1987.
4. Explain Psycho-analytical model.
5. Enlist the Signs and symptoms of Lithium toxicity and management of lithium toxicity.
6. Describe phobia, its types and management.
7. Define Mental retardation. List down the Etiology of Mental retardation.
8. Describe grief with its stages.
9. Define Community mental health nursing. Explain the goals of community mental health nursing.

SHORT ANSWERS **10 x 2 = 20 Marks**

10. Define delusion and list down the types.
11. List down the indications of ECT.
12. Explain time out.
13. Explain the four stages of elevated mood.
14. Differentiate delirium and dementia
15. Define Aversion therapy.
16. Enlist the types of dissociative disorder.
17. Define voyeurism.
18. Define nursing malpractice.
19. Enlist the civil responsibilities of a mentally ill person.

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. (Nursing - Basic) Degree Examination – 03-Jul-2024

Time: Three Hours **Max. Marks: 80 Marks**

MENTAL HEALTH NURSING (RS)
Q.P. CODE: 1690

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

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. Define therapeutic communication. Explain the phases of therapeutic nurse patient relationship.

2. List the psychiatric emergencies. Discuss the role of nurse in the management of patient with suicidal behavior.
3. Define substance abuse. Explain the treatment and nursing management of patient with alcohol dependence syndrome.

SHORT ESSAYS (Answer any Eight) **8 x 5 = 40 Marks**

4. Antidepressants.
5. Causes of mental disorders.
6. Explain the clinical types of OCD.
7. Civil responsibility.
8. Paraphilias.
9. Levels of prevention.
10. **AntiSocial Personality Disorder**
11. Paranoid schizophrenia.
12. Stages of Dementia.
13. Nursing care of child with mental retardation.

SHORT ANSWERS **10 x 2 = 20 Marks**

14. Echolalia.
15. Neologism.
16. Disulfiram.
17. Projection.
18. Define Delusion.
19. Confabulation.
20. Biofeedback.
21. Define crisis.
22. Parole.
23. Akathisia.

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. (Nursing - Basic) Degree Examination – 16-Dec-2024

Time: Three Hours **Max. Marks: 80**

CHILD HEALTH NURSING (RS)

Q.P. CODE: 1688

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

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. a) Define Tetralogy of Fallot (TOF)
   b) List the defects under Tetralogy of fallot
   c) Explain the management of 3 month old baby with Tetralogy of fallot
2. a) Define Protein Energy Malnutrition (PEM)
   b) List the predisposing factors of PEM
   c) Explain the nursing management of PEM
3. a) Define Developmental Dysplasia of Hip (DDH)
   b) List the signs and symptoms of DDH
   c) Explain the therapeutic and nursing management of child with DDH

SHORT ESSAYS (Answer any Eight) **8 x 5 = 40 Marks**

4. National immunization schedule
5. Leukaemia
6. Foreign body aspiration
7. List the method of urine specimen collection and explain any one method in detail
8. Explain the role of a nurse in pre-operative and post-operative care of child and family
9. Encephalitis
10. Baby Friendly Hospital Initiative (BFHI)
11. Explain maternal and child health services
12. Wilms tumour
13. Welfare services for challenged children in India

SHORT ANSWERS **10 x 2 = 20 Marks**

14. What is Koplik's spot?
15. Define Pica
16. Write the causes of vitamin D deficiency
17. Status epilepticus
18. List any four congenital CNS disorders
19. ICDS
20. Deference between HIV and AIDS
21. First aid for dog bite
22. Down's syndrome
23. Types of oxygen administration

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Rajiv Gandhi University of Health Sciences, Karnataka

III Semester B. Sc Nursing Degree Examination - 20-Dec-2024

Time: Three Hours **Max. Marks: 37**

APPLIED MICROBIOLOGY – SECTION – A (RS-6)

Q.P. CODE: 1782

(QP Contains Two Pages)

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

(Note: Both QP Codes 1782 and 1783 are to be answered within total duration of 3 hours)

LONG ESSAY **1 x 10 = 10 Marks**

1. a) Explain bacterial spore with its neat labelled diagram
   b) Describe the methods of Gram staining and differentiation of gram staining

SHORT ESSAYS **3 x 5 = 15 Marks**

2. Explain the bacterial mode of nutrition
3. Outline the laboratory diagnosis of Mycobacterium Tuberculosis
4. Describe BCG vaccine and its maintenance through cold chain

SHORT ANSWERS **3 x 2 = 6 Marks**

5. Define the term microbiology.
6. Mention the contributions of Robert Koch in the field of microbiology
7. **List the use of lactophenol cotton blue stain.**

Multiple Choice Questions **6 x 1 = 6 Marks**

8. The Father of Chemotherapy is
   A. Sir Ronald Ross
   B. Joseph Lister
   C. Charles Nicolle
   D. Paul Ehrlich
9. An example of a Lophotrichous bacteria is
   A. Vibrio cholerae
   B. Spirilla
   C. Salmonella typhi
   D. Klebsiella sp
10. Bacteria that can synthesize their organic compounds on their own are called as
    A. Chemotrophs
    B. Autotrophs
    C. Phototrophs
    D. Heterotrophs
11. The strain of bacteria which is penicillin resistant and known to causes outbreaks of hospital infection is
    A. Streptococci viridans
    B. Methicillin Resistant Staphylococcal Aureus
    C. Staphylococcal epidermidis
    D. Streptococci agalactiae

Rajiv Gandhi University of Health Sciences, Karnataka

12. A 'malignant pustule' is a characteristic feature in
    A. Pulmonary Anthrax
    B. Cutaneous Anthrax
    C. Intestinal Anthrax
    D. Gustatory Anthrax

13. Antibody mediated immunity is called as
    A. Humoral immunity
    B. Herd immunity
    C. Passive immunity
    D. Cell mediated immunity

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III Semester B.Sc Nursing Degree Examination - 20-Dec-2024

Time: Three Hours **Max. Marks: 38**

INFECTION CONTROL AND SAFETY – SECTION – B (RS-6)
Q.P. CODE: 1783

(QP Contains Two Pages)

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

(Note: Both QP Codes 1782 and 1783 are to be answered within total duration of 3 hours)

LONG ESSAY **1 x 10 = 10 Marks**

1. a) Explain sources of infection
   b) Describe responsibilities of nurse in prevention of intravenous (IV) complications

SHORT ESSAYS **3 x 5 = 15 Marks**

2. Describe the Laundry Management Process in the hospital
3. Explain the role of nurse in times of disaster
4. Enumerate the Post exposure prophylaxis for HIV infection among health care workers.

SHORT ANSWERS **3 x 2 = 6 Marks**

5. List the Surveillance criteria for surgical site infection (SSI)
6. Define the term "surgical hand scrub"
7. Enumerate the purposes of labelling specimens

Multiple Choice Questions **7 x 1 = 7 Marks**

8. The primary purpose of an infection control manual in healthcare facilities is
   A. To serve as a guideline for proper patient care
   B. To outline the hospital's financial policies
   C. To provide information on staff scheduling
   D. To establish protocols and procedures for preventing and managing infections

9. Steam sterilization at 100° C for 20 minutes on three successive days is known as
   A. Tyndallisation
   B. Inspissation
   C. Pasteurization
   D. Vaccination

10. The Spaulding classification system for medical devices is
   A. Based on their manufacturing materials.
   B. According to their intended use in surgical procedures.
   C. Based on device usage and risk of infection.
   D. Based on their physical dimensions and size.

11. The antibiotic **NOT** clinically useful for pseudomonas aeruginosa infection is
   A. Aminoglycosides
   B. Ceftazidime
   C. Piperacillin
   D. Trimethoprim-sulfamethoxazole

12. A common problem when antibiotics are misused is
   A. Decreased antibiotic resistance
   B. Improved patient outcomes
   C. Increased risk of adverse reactions
   D. Reduction in healthcare costs

13. 13. International Patient Safety Goals was developed by the Joint Commission International (JCI) in the year
   A. 1992
   B. 1996
   C. 2000
   D. 2006

14. Defined Daily Dosage represents
   A. Maximum recommended dose
   B. Average maintenance dose for a specific drug
   C. Minimum effective dose
   D. The dose suitable for pediatric patients only

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. (Nursing - Basic) Degree Examination – 23-Dec-2024

Time: Three Hours **Max. Marks: 80 Marks**

MIDWIFERY INCLUDING MATERNITY AND GYNAECOLOGICAL NURSING - I (RS)

Q.P. CODE: 1691

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

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. a) Define episiotomy. List the indications and types of episiotomy.
   b) Discuss the role of midwife in prevention of perineal trauma.

2. a) Define antenatal care. Enlist the objectives of antenatal care.
   b) plan health education for primi gravid

3. a) Enlist the signs of true labour.
   b) Enumerate the role of midwife as labour support during first stage of labour.

SHORT ESSAYS (Answer any Eight) **8 x 5 = 40 Marks**

4. Enumerate the functions of placenta.
5. Explain about mechanism of placental separation.
6. Describe factors influencing maternal health.
7. Explain the physiology of lactation.
8. Outline and explain APGAR scoring.
9. Illustrate foetal circulation with diagram.
10. Explain about postnatal assessment.
11. Enlist the positive signs of pregnancy.
12. Trends in MCH.
13. Differentiate between Gynaecoid and android pelvis.

SHORT ANSWERS **10 x 2 = 20 Marks**

14. List the common drugs used in midwifery.
15 Enumerate the parts of fallopian tube.
16. Landmarks of pelvic brim.
17. Indentify any four causes of onset of labour.
18. Braxton Hicks Contraction.
19. Perinatal mortality rate.
20. Naegele’s formula.
21. Artificial Insemination.
22. Quickening.
23. Objectives of MCH programme.

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. Nursing Degree Examination – 23-Dec-2024

Time: Three Hours **Max. Marks: 75**

NURSING RESEARCH AND STATISTICS
(RS-2, RS-3, RS-4 & RS-5)
Q.P. CODE: 1773

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

ESSAYS TYPE **2 x 10 = 20 Marks**

1. Define research design. Describe about the types of quantitative research design.
2. Explain the need for a sample. Explain the types of non-probability sampling techniques.

SHORT ESSAYS TYPE **7 x 5 = 35 Marks**

3. Define nursing research. List any six purposes of nursing research.
4. What are the sources of research problems in nursing?
5. Describe the sources of literature review.
6. Explain features of tabulation.
7. Explain Type I and Type II errors.
8. Calculate the mean, median and mode of these numbers – 12,14,21,17,20,21,23,24,21,26
9. Explain the methods of communicating research reports.

SHORT ANSWERS **10 x 2 = 20 Marks**

10. Define problem solving process.
11. Differentiate between continuous and discrete data.
12. Write steps of preparing pie diagram.
13. What is meant by positive correlation?
14. List any two measures of dispersion.
15. Define pilot study.
16. List the levels of measurements.
17. Define variance.
18. Mention any two criteria for critiquing a research report.
19. Define research proposal.

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Rajiv Gandhi University of Health Sciences, Karnataka

III Semester B. Sc Nursing Degree Examination - 23-Dec-2024

Time: Three Hours **Max. Marks: 75**

ADULT HEALTH NURSING I (RS-6)

Q.P. CODE: 1784

(QP Contains Two Pages)

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

LONG ESSAY **2 x 15 = 30 Marks**

1. Mr. X, 55year old male is admitted to the medical ward with diagnosis of peptic ulcer
   a) Define peptic ulcer
   b) Differentiate between Gastric and duodenal ulcer
   c) Prepare a care plan for the patient with three priority Nursing diagnoses
2. Mr. Y, 67-year-old male admitted in CCU with the diagnosis of Anterior Wall Myocardial Infraction
   a) Define Myocardial Infarction
   b) Explain the Clinical features of Acute Myocardial Infarction
   c) Explain the Nursing management of Mr. Y for the first 48 hours

SHORT ESSAYS **5 x 5 = 25 Marks**

3. Write a brief note on Sterilization of equipment's in OT
4. Enlist the types of Respiratory Failure & its management
5. Explain the Nursing management of patient with Chest Tube Drainage
6. Explain the causes & management of Hypothyroidism
7. Discuss the care of patient with Plaster of Paris

SHORT ANSWERS **4 x 2 = 8 Marks**

8. List any four signs of hypovolemic Shock
9. Define inflammation
10. Define pernicious anemia
11. Define Gas Gangrene

Multiple Choice Questions **12 x 1 = 12 Marks**

12. Infection induced during therapeutic procedures is known as
    A. Cross Infection
    B. Nosocomial infection
    C. Iatrogenic Infection
    D. Opportunistic infection
13. The most critical complication during induction of spinal anesthesia is:
    A. Cardiac Arrest
    B. Hypo tension
    C. Hyperlipimedia
    D. Respiratory paralysis
14. The average body water composition in adultis.
    A. 15% to 30% of body weight
    B. 50% to 60% of body weight
    C. 25% to 30% of body weight
    D. 85% to 90% of body weight

15. Diminished lung sounds and pain during inspiration is a classical sign of
    A. Hemothorax
    B. Pyothorax
    C. Pneumothorax
    D. Chylothorax

16. The volume of air inhaled and exhaled with each breath is termed as
    A. Tidal volume
    B. Residual volume
    C. Vital capacity
    D. Expiratory reserve volume

17. The condition which cause destruction of melanocytes lading to loss of skin colour
    A. Scabies
    B. Acne
    C. Eczema
    D. Vitiligo

18. How often should you reassess the victim's condition during CPR?
    A. Every 2 minutes
    B. Every 5 minutes
    C. Every 10 minutes
    D. Every 15 minutes

19. The therapeutic bath used for psoriasis and chronic eczematous conditions is
    A. Oat meal bath
    B. Tar bath
    C. Saline bath
    D. Starch bath

20 Microscopic tearing of the muscle caused by excessive force or over use
    A. Strain
    B. Sprain
    C. Fracture
    D. Contusion

21 The purpose of administering Tab. Pyridoxine along with Isoniazide in TB Patients is to
    A. Prevent Neuro toxicity
    B. Maintain Nutrition
    C. Promote Liver Function
    D. Promote absorption of INH

22. A skin disorder characterized by formation of vesicles along the distribution of nerve is
    A. Herpes Simplex
    B. Herpes Zoster
    C. Pemphigus Vulgaris
    D. Chicken Pox

23. Enlargement of Right Ventricle as result of lung dysfunction is called as
    A. Systolic Heart Failure
    B. Diastolic Heart Failure
    C. Cor Pulmonale
    D. Right Heart Failure

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