

Question Paper

Exam Date & Time: 26-Jul-2021 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

SECOND YEAR M.Sc. NURSING DEGREE EXAMINATION - JULY 2021
SUBJECT: NURSING MANAGEMENT (MSN 701)

Marks: 75

Duration: 180 mins.

Answer all the questions.

Essay:

1) Discuss the application of 'elements of administration' in nursing service administration with example. (15)

2. Explain staffing in relation to the nursing service department of a 1500 bedded hospital under the following headings:

2A) Importance (4)

2B) Steps (7)

2C) Sources of recruitment (4)

3A) Explain the FADE model of quality improvement with example. (7)

3B) Describe nursing audit cycle with example. (8)

4. Short notes:

4A) Decision making in nursing service administration. (6)

4B) Role of a nurse manager in Collective bargaining. (6)

4C) Leadership styles in nursing service administration. (6)

4D) Theories of an organization. (Any THREE) (6)

4E) Types of budget. (Any THREE) (6)

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Question Paper

Exam Date & Time: 27-Jul-2021 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

SECOND YEAR M.Sc. NURSING DEGREE EXAMINATION - JULY 2021
SUBJECT: CARDIO VASCULAR & THORACIC NURSING (MSN 702.1.1A)
(CLINICAL SPECIALTY - II: MEDICAL SURGICAL NURSING)

Marks: 75

Duration: 180 mins.

Answer all the questions.

Essay:

1. Mrs. X, 67-year-old female admitted to the CCU with dyspnea and pleuritic chest pain. On examination respiratory rate 36 breaths per minute, pulse rate 142 beats per minute. SpO₂ is 86%. Patient gives the history of hip surgery two months back and history of deep vein thrombosis. Considering the history and symptoms of Mrs. X. answer the following:

- 1A) Identify the condition of Mrs. X. (1)
- 1B) Discuss the possible diagnostic measures. (7)
- 1C) Explain the medical management. (7)

2. Mr. X 55 years is admitted to the emergency department with the complaints of severe chest pain which is radiating to the left arm and profuse sweating. He is a bank manager, smokes about 10 cigarettes per day and was fond of consuming non vegetarian food. Physical examination revealed blood pressure 100/70 mm of Hg, pulse rate 128 / min, Oxygen saturation 92%, extremities were cold and clammy, and ECG findings showed ST segment elevation in the precordial leads V1 -V4, echocardiogram revealed anterior wall hypokinesia. Blood investigation reports were; S. cholesterol 350mg/dl, RBS - 280 mg/dl, and significant elevation of the troponin also was reported. Mr. X was seen by the cardiologist and was decided to go with a percutaneous coronary intervention (PCI) immediately. Answer the following with regard to Mr. X's clinical status.

- 2A) Discuss the atherosclerosis process in developing coronary artery disease. (6)
- 2B) Justify the reason for Mr. X's clinical situation. (6)
- 2C) Role of PCI in management of coronary artery disease. (3)

3. Answer the following in relation to transposition of great arteries.

- 3A) Describe the pathophysiological changes. (5)
- 3B) Explain the signs and symptoms. (4)
- 3C) Illustrate the surgical management. (6)

4. Short Note:

- 4A) Discuss the biological therapies and its effects on cardiovascular diseases. (6)

- 4B) Describe the steps in Cardiopulmonary Resuscitation (CPR). (6)
- 4C) Explain the types of ventura mask. (6)
- 4D) Classify cyanotic and cyanotic heart disease. (6)
- 4E) Describe steps of Arterial Blood Gas analysis (ABG). (6)

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MANIPAL ACADEMY OF HIGHER EDUCATION

SECOND YEAR M.Sc. NURSING DEGREE EXAMINATION - JULY 2021

SUBJECT: CRITICAL CARE NURSING - (MSN 702.1.2A)

(CLINICAL SPECIALTY - II: MEDICAL SURGICAL NURSING)

Marks: 75

Duration: 180 mins.

Essay:

1. Mr. X, a 60 year old man with chronic liver disease, was brought to the emergency room with complaints of marked confusion and incoherent speech. On examination, he was confused, had asterixis and ascites. Vital signs recorded; pulse 120/min, respirations 20/min, BP 110/60mm of Hg, and temperature 39°C. Serum bilirubin was 6.8 mg/dL, ALT 1,225 U/L, AST 2,476 U/L and WBC count 14,000/cmm. Hepatic encephalopathy was the diagnosis.

- 1A) What are the precipitating factors for hepatic encephalopathy in patients with chronic liver disease? (5)
- 1B) Explain the medical management of hepatic encephalopathy with rationale for each. (10)

2. Mr. A is being brought to the emergency unit with the complaints of chest pain, inability to do normal work, fatigue, dry cough, breathing difficulty, orthopnea, palpitation and anorexia. On examination, he has weak peripheral pulse, edema, paleness and enlarged jugular vein and is diagnosed to have cardiomyopathy. Answer the following:

- 2A) Classify cardiomyopathy. (6)
- 2B) Explain the nursing management. (9)

3. Mrs. X, 55 years old was brought to the emergency with the history of weakness and numbness of left arm and leg, dizziness, tingling, and loss of balance. Patient was confused on examination and also had aphasia and is diagnosed to have Cerebrovascular Accident (CVA). Answer the following.

- 3A) Classify Cerebrovascular Accident. (8)
- 3B) Explain the nursing interventions with rationale. (7)

4. Short Note:

- 4A) Enumerate the responsibilities of a critical care nurse in caring a patient receiving inotropes. (6)
- 4B) Describe the management of thyroid crisis. (6)
- 4C) Distinguish between type 1 and type 2 respiratory failure. (6)
- 4D) Management of burn injury in the emergent phase. (6)

4E)

Nursing audit.

(6)

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MANIPAL ACADEMY OF HIGHER EDUCATION

SECOND YEAR M.Sc. NURSING DEGREE EXAMINATION - JULY 2021
SUBJECT: OBSTETRIC & GYNECOLOGICAL NURSING (MSN 702.2A)
(CLINICAL SPECIALTY - II: MEDICAL SURGICAL NURSING)

Marks: 75

Duration: 180 mins.

Answer all the questions.

Essay:

1. Mrs. Y, 20 years old primigravid woman at 34 weeks of gestation is admitted in the labour room with complaints of labour pain. Explain premature labour under the following headings.

- | | | |
|-----|------------|-----|
| 1A) | Causes | (3) |
| 1B) | Prevention | (6) |
| 1C) | Management | (6) |

2. A 27-year-old woman, gravida 2, para 1, was referred to the hospital with painless vaginal bleeding. On examination, the cervical os was closed but a minimal fresh bleeding was seen. Ultrasonography demonstrated that the lower placental edge overlapped the internal cervical os and the patient was admitted for treatment at 16 weeks gestation for placenta praevia. Answer the following in relation to the above scenario.

- | | | |
|-----|-------------------|-----|
| 2A) | Types | (4) |
| 2B) | Clinical features | (4) |
| 2C) | Management | (7) |

3. A nurse working in the postnatal ward observed a 2 days old baby suddenly having up-rolling of eyes and cycling movement of the lower limbs. The neonate was diagnosed to have neonatal seizures. Answer the following related to neonatal seizures.

- | | | |
|-----|------------|-----|
| 3A) | Types | (6) |
| 3B) | Management | (9) |

4. Short Notes:

- | | | |
|-----|---|-----|
| 4A) | Enumerate the prevention of cord prolapse. | (6) |
| 4B) | Differentiate between postpartum blues and postpartum depression. | (6) |
| 4C) | Discuss the infection control measures used in OBG units. | (6) |

- 4D) Briefly discuss the post mastectomy exercises. (6)
- 4E) Briefly explain the procedure of adoption. (6)

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MANIPAL ACADEMY OF HIGHER EDUCATION

SECOND YEAR M.Sc. NURSING DEGREE EXAMINATION - JULY 2021
SUBJECT: PSYCHIATRIC (MENTAL HEALTH) NURSING (MSN 702.4A)
(CLINICAL SPECIALTY - II: MEDICAL SURGICAL NURSING)

Answer all the questions with relevant illustrations and examples.

Marks: 75

Duration: 180 mins.

Answer all the questions.

- 1A) Differentiate between grief and mourning. (2)
- 1B) Explain the stages of Grief according to Kubler - Ross. (5)
- 1C) Describe the types of Grief. (8)

Answer all the questions.

2. Mr. X, 55 years old male brought to de addiction unit by his wife with the history of heavy alcohol drinking, becoming irritable and abusing family members since 15 days. His wife also complaints that he is refusing to eat and reduced his weight. Considering this situation, answer the following questions:

- 2A) How will you manage Mr. X's violent behaviour? (5)
- 2B) Discuss the nursing interventions to improve his nutritional status. (5)
- 2C) Explain the psycho-education plan to Mr. X. (5)

Answer all the questions.

3. Ms. Y, a 20 year old girl got admitted in psychiatric unit with the history of inappropriate and odd behavior such as grimacing and grunting. Her long uncombed hair is spread over her face. She is completely withdrawn to self and she is diagnosed as having Disorganized Schizophrenia. Considering this situation explain the following.

- 3A) Nursing interventions that you will carry out to improve her self care. (4)
- 3B) Measures to manage the social isolation. (4)
- 3C) Psycho-education plan for Ms. Y and her family. (7)

Answer all the questions.

4. Write short notes on the following:

- 4A) Functions of aggression. (6)
- 4B) Principles of Psycho-social rehabilitation. (6)
- 4C) Etiology and clinical features of Hypochondriasis. (6)
- 4D) Psychosocial theories of ageing. (6)
- 4E) Obsessive-Compulsive Disorder. (6)

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