

Question Paper

Exam Date & Time: 21-Sep-2021 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

NURSE PRACTITIONER CRITICAL CARE POST GRADUATE RESIDENCY PROGRAM EXAMINATION - SEPTEMBER
2021

SUBJECT: FOUNDATIONS OF CRITICAL CARE NURSING PRACTICE (NP 701.1A)

Marks: 70

Duration: 180 mins.

Answer all the questions.

ESSAY:

1. Mr. X, 47 year old male who is admitted to ICU with acute febrile illness developed sepsis. He is intubated and started on mechanical ventilation (SIMV mode). He is not conscious and maintains hemodynamic parameters with inotropes. His urine output is < 10 ml/hour and blood investigation showed deranged hepatic and renal parameters.

- 1A) Describe the monitoring of Mr. X using Richmond Agitation and Sedation Scale(RASS) (7)
1B) Explain the assessment of Mr. X for multiorgan system failure. (8)

2. Answer the following with regard to invasive arterial pressure monitoring:

- 2A) Waveform graphics. (5)
2B) Monitoring devices. (5)
2C) Calibration procedure. (5)

3. Write Short Notes on:

- 3A) Healthy work environment in critical care. (6)
3B) Surrogate decision making in the critically ill. (6)
3C) Opioids for pain management. (6)
3D) Enteral nutrition in critically ill patients. (6)
3E) Process of sterilizing the ICU equipment. (6)

4. Write Short Answers:

- 4A) ICU psychosis. (2)
4B) Challenges of family education. (2)
4C) Autonomy in the critically ill. (2)
4D) * NREM sleep. (2)

4E)

Nursing audit.

(2)

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