

Question Paper

Exam Date & Time: 30-May-2022 (10:00 AM - 12:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FOURTH SEMESTER B. Sc. RESPIRATORY THERAPY DEGREE EXAMINATION - MAY/JUNE 2022
SUBJECT: RES2241 - PROGRAM ELECTIVE-I - SEMINARS IN RESPIRATORY CARE
(2020 SCHEME)

Marks: 50

Duration: 120 mins.

Answer all the questions.

- 1) Explain the quality assessment and sequential approach of reading a chest X-Ray. (10)
- 2) Explain the procedure of extubation. Write any four post extubation airway complications. (10)
(6+4 = 10 marks)
- 3A) Write the indications for ABG. Write a note on modified Allen's test. (5)
- 3B) Write the indications and contraindications of pulmonary function testing. (5)
- 3C) Write the tube selection and insertion technique for nasopharyngeal airway. (5)
- 3D) Explain the diagnosis of tension pneumothorax. (5)
- 4A) Define and write the normal value of cardiac output. (2)
- 4B) Write the alveolar gas equation. Write the normal PAO_2 value. (2)
- 4C) Write the formula and normal value of oxygen delivery. (2)
- 4D) Write the parts of LMA. (2)
- 4E) Write four steps to prevent ventilator associated pneumonia. (2)

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