

[AHS 0321]

MARCH 2021

Sub. Code: 2614

(AUGUST 2020 EXAM SESSION)

B.Sc. RESPIRATORY THERAPY

SECOND YEAR (Regulation 2014-2015)

PAPER IV – EQUIPMENTS IN RESPIRATORY CARE

Q.P. Code : 802614

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

**I. Elaborate on:**

(3 x 10 = 30)

1. Write briefly about defibrillator, its types, uses, applications in clinical settings.
2. Write about Bains modification of Mapleson D system - its functional analysis, leak testing, advantages and disadvantages.
3. Management of transport and monitoring of intubated and ventilated patient for MRI – respiratory therapist role.

**II. Write notes on:**

(8 x 5 = 40)

1. Diameter index system.
2. Flexometallic tube.
3. Peak flow mete
4. Nasopharyngeal airway.
5. AMBU bag.
6. Endoscopic mask.
7. Intubating LMA.
8. Venturi principle and venturi mask.

**III. Short answers on:**

(10 x 3 = 30)

1. Simple face masks.
2. Fibre-optic bronchoscope – uses.
3. Pressure gauze.
4. Ideal characteristics of ET Tube.
5. Combitube.
6. Yankauer suction cathete
7. Zones of peak flow mete
8. Jet nebulizers.
9. Complications of laryngoscopy.
10. Bite block.

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