

**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

[AHS 1123]

**NOVEMBER 2023**

**Sub. Code: 1622**

**B.Sc. PHYSICIAN ASSISTANT**

**THIRD YEAR – (Regulations 2010-2011, 2014-2015 & 2019-2020 onwards)**

**PAPER II – NEPHROLOGY/PULMONOLOGY/GASTRO**

**ENTEROLOGY/ORTHOPAEDICS**

*Q.P. Code: 801622*

**Time: Three Hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Define Chronic Renal Failure. Write its causes, pathophysiology, clinical features, investigations and management.
2. Chronic Obstructive Pulmonary Disease. Explain its etiology, pathophysiology and management.
3. Osteoporosis. Causes, Pathophysiology, manifestations and treatment of Osteoporosis.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Juxtaglomerular apparatus.
2. Pulmonary edema.
3. Blood transfusion.
4. Hepatitis.
5. Endoscopy.
6. Osteosarcoma.
7. Shoulder dislocation.
8. Disorders of Chestwall.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Haemoptysis.
2. Congenital abnormalities of foot.
3. Micturition.
4. Pneumothorax.
5. Urinary incontinence.
6. Hematuria.
7. Thoracentesis.
8. Ankylosing spondylitis.
9. Constipation
10. Terminal disinfection.

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