

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

[AHS 0122]

JANUARY 2022

Sub. Code: 1051

(FEBRUARY 2021 & AUGUST 2021 EXAM SESSION)

DIPLOMA IN ACCIDENT AND EMERGENCY CARE TECHNOLOGY

FIRST YEAR (Regulations 2015-2016 & 2018-2019)

PAPER I – ANATOMY, PHYSIOLOGY AND BIOCHEMISTRY

Q.P. Code : 841051

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Write in detail about the Fat Soluble Vitamins.
2. Classify bones. Write in detail about upper limb bones.
3. Explain the composition of blood. Add a note on blood group and coagulation of blood.

II. Write notes on:

(10 x 5 = 50)

1. Classifications of Carbohydrate.
2. Diaphragm.
3. Functions of Red Blood Cells.
4. Marasmus.
5. Broncho pulmonary segments of lung.
6. Chambers of the heart.
7. Anemia.
8. Cerebellum.
9. Blood supply of heart.
10. Role of sodium in our body.

III. Short answers on:

(10 x 2 = 20)

1. Name any two cranial nerves.
2. Draw a diagram of Nephron
3. Erythrocyte sedimentation rate.
4. Diabetes mellitus.
5. Meninges.
6. Define Blood pressure.
7. Difference between artery and vein.
8. Name the salivary glands.
9. Hypertension.
10. Name any two Flat bones.
