

VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM

**M.SC. (RENAL DIALYSIS TECHNOLOGY) DEGREE EXAMINATION -
March 2019
Third Semester**

EMERGENCY MEDICINE/ACLS/RENAL NUTRITION

Time: Three hours

Maximum: 100 marks

Answer **ALL** questions

I. Write a Long essay on:

(2 x 20 = 40)

1. Explain the algorithm for ventricular fibrillation / pulseless ventricular tachycardia.
2. A 25-year old woman is admitted in the hospital at 15 weeks of gestation. She has a history of nausea and vomiting 6 times a day for the past one month. She does not tolerate oral feeds (solid / liquid).

Her anthropometric measurements are

Height: 157 cm, Weight: 50 kg, Prepregnancy weight: 55 kg, Total protein: 5g/dL, Albumin: 3g/dL, Hb: 10g/dL, Sodium: 128 mEq/dL, Potassium: 2.5 mEq/dL

- a. Identify and explain the diagnosis.
- b. What does her biochemical and anthropometric data show in terms of nutritional status?
- c. Calculate her nutritional requirement for calories and protein.
- d. Give your plan for nutritional support.

II. Write short notes on:

(10 x 6 = 60)

3. Automated external defibrillator.
4. Amiodarene.
5. Adrenaline.
6. Basic life support in pregnancy.

(p.t.o.)

7. Anthropometry as a tool for nutritional assessment.
8. Factors that affect water and sodium balance, explaining one of them.
9. Routes on enternal nutrition.
10. Nutrition therapy for cirrhosis of liver.
11. Reversible causes of cardiac arrest.
12. Assessment of protein status both somatic and visceral.

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