

(LL 009)

AUGUST 2017

Sub. Code:1201

**D.M. – NEPHROLOGY**

**Paper I – NEPHROLOGY – BASIC SCIENCES**

*Q.P.Code: 161201*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Discuss causes and management of resistant hypertension.
2. Explain defects of urine acidification in renal tubular acidosis (RTA).  
How will you manage a case of type 1 RTA?

**II. Write notes on:**

**(10 x 7 = 70)**

1. Clinical significance of urinary casts.
2. What is fractional excretion of sodium? What is the diagnostic significance?
3. Aquaporins.
4. Cerebral salt wasting syndrome and SIADH.
5. Diuretic resistance and Diuretic braking phenomenon.
6. Describe the differences and advantages of RIFLE and AKIN classification of acute kidney injury (AKI).
7. Clinical significance, advantage and disadvantage of complete RAAS blockade.
8. Heparin induced thrombocytopenia.
9. Explain the mechanism of 'Aldosterone escape'.
10. Hepatorenal syndrome.

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