

VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM

B.Sc(RENAL DIALYSIS TECHNOLOGY) DEGREE EXAMINATIONS -February 2020

SECOND YEAR

CONCEPT OF RENAL DISEASE AND ITS MANAGEMENT

Three Hours

Maximum: 75 marks

SECTION - A

I. Choose the Best Answer :

(10 x 1 = 10)

1. Causes of kidney failures are
a) hypertonic b) diabetes c) hypertension d) both b and c
2. The worst prognosis for renal cell carcinoma is-
a)Vascular invasion b)Associated with hypercalcemia
c)Presence of Hematuria d)Size more than 5 cm.
3. Benign hypertension is associated with –
a) Hyline arteriosclerosis b) Fibrinoid necrosis
c) Basal ganglia d) Periventricle
4. Clinical feature of CRF appear when renal function is reduce to
a) 70% b) 50% c) 30% d) 20% of normal
5. In an adult Unilateral smooth contracted kidney with hypertension is seen in.-
a) Stenosis of renal artery b) Chr. GN
c) Renal cell CA d) Pyelonephritis
6. An human kidneys, functional unit of kidneys is also classified as
a) nephron b) neuron c) neutron d) neptron
7. The organism most frequently implicated as the cause of acute pyelonephritis is:
a) Pseudomonas species b) Escherichia coli
c) Proteus species d) Streptococcus fecalis
8. Extracellular bicarbonate ions serve as effective buffer for all the following except :
a) sulfuric acid b) phosphate acid c) lactic acid d) carbonic acid
9. Whici is a normal value of Blood Urea Nitrogen (BUN)?
a) 0.5-1.1 mg/Dl b) 5-20 mg/dL c) 40-70 mg/dL d) 250-500 mg/dL
10. _____ failure is caused by obstruction of urine flow. (urethral obstruction by enlarged prostate or tumor; ureteral or kidney pelvis obstruction by calculi)
a) Prerenal b) Intrarenal c) Postrenal d) perirenal

II. Write Short Answers on any FIVE of the following:

(5 x 5 = 25)

11. Diabetic nephropathy
12. Stages of CKD in detail
13. Explain nephritic syndrome

(p.t.o)

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14. Renal cell carcinoma
15. Physical and chemical examination of UTI
16. Tumors of kidney
17. Write about glycosuria and pyuria in detail.

III. Write Short Essays on any TWO of the following:

(2 x 10 = 20)

18. Explain pregnancy associated renal disease.
19. Asymptomatic urinary abnormalities.
20. Autosomal dominant polycystic kidney disease.
21. Hypertensive nephrosclerosis.

IV. Write Essays on any ONE of the following:

(1 x 20 = 20)

22. Define renal vascular disorders and hypertension associated renal disease
23. Explain both nephrotic and nephritic syndrome in detail.

(S.No.M22454)

