

VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM

B.Sc(RENAL DIALYSIS TECHNOLOGY) DEGREE EXAMINATIONS -August 2019

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. Commonest type of nephrotic syndrome seen in children
a) Focal b) Diffuse c) Minimal change d) Proliferative
2. Splliting of the glomerular basement membraneis seen in —
a)Acute glomerulonephritis b)Membranous glomerulonephritis
c)Membranoproliferative glomerulonephritis d)Good pasture's syndrome
3. Bilateral contracted granular kidney seen in all except-
a)Chronic Pyelonephritis b)Chronic glomerulonephritis
c)Benign Nephrosclerosis d)Diabetic nephropathy
4. Sub-epithelial humps are characteristic of –
a)Minimal change glomerulonephritis b)Membranous glomerulonephritis
c)Membranoproliferative glomerulonephritis d)Post-steptococcal glomerulonephritis
5. In reflux nephropathy, glomerular lesion is-
a) Focal G.N. b) Membranous G.N.
c) Membrano proliferative G.N. d) Minimal change disease
6. Limit of normal pH of blood is
a) 7.25 to 8.15 b) 7.35 to 7.45 c) 7.45 to 8.45 d) 6.35 to 7.35
7. Metabolic diseases leading to excessive excretion of materials which may form calculi in the urinary tract include all of the following except:
A. hyperparathyroidism B. oxalosis C. Gout D. nephrotic syndrome
8. Salts, water, urea of blood and glucose which is passed out of glomerular capillaries into Bowman's capsule is classified as
a) proximal filtrate b) papillary filtrate c) glomerular filtrate d) Bowman's filtrate
9. Kidney filter excess water, salts, urea and
a) Acetic acid b) Uric acid c) Minerals d) Ammonia
10. Which of these drugs is nephrotoxic?
a) Diuretics b) ACE inhibitors
c) NSAIDs d) Sodium bicarbonate/ Potassium bicarbonate

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

(5 x 5 = 25)

11. Definition of AKI
12. Write management for pregnancy associated renal disease
13. Obstructive uropathy

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14. Explain congenital renal disease
15. Renovascular disorders
16. Explain about crystalluria in detail
17. Lupus nephritis

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

(2 x 10 = 20)

18. Write tumors of kidney.
19. Secondary causes of hypertension.
20. Common organisms causing urinary tract infections (UTI) complications and management of UTI.
21. Write causes and management of renal stone disease.

IV. Write Essays on any ONE of the following:

(1 x 20 = 20)

22. Classify the causes, clinical manifestation and management of chronic Kidney disease.
23. Explain both nephrotic and nephritic syndrome in detail.

(S.No.M21802)

