



AAJ-4573

Seat No. _____

D. M. L. T. Examination

April / May – 2016

Urine Analysis & Body Fluid Examination

Time : 3 Hours]

[Total Marks : 100

- Instructions :** (1) Figures to the right indicate Full marks.
(2) Draw and label neat diagrams, where necessary
(3) Write answers of section I and II in separate answer books.

SECTION - I

- 1** Write short notes on: (any Three) **18**
(a) Enumerate parasite found in urine.
(b) Indication of urine examination and describe method for 24 hr urine collection.
(c) Describe tests for sugar estimation in urine.
(d) Write about Microscopic examination of urine
- 2** Write short notes on: (Any Three) **18**
(a) Describe tests for urobilinogen.
(b) Classification of proteinuria.
(c) Pregnancy test in urine.
(d) Describe Physical examination of CSF,
- 3** Write answers in 2-3 sentences. **14**
(a) Condition in which ketene bodies are seen in urine and write name of it.
(b) what is fixed specific gravity?
(c) what is xentochromia?
(d) what is anuria?

- (e) what is exudate?
- (f) Normal sperm count in semen
- (g) crystals seen in synovial fluid.

SECTION - II

- 4** Write short notes on: (any Three) **14**
- (a) Morphology of various form P.vivex and p.Falciparum.
 - (b) life cycle and diagnosis of E.Vermicularis.
 - (c) Describe tests for protein estimation in CSF.
 - (d) Enumerate parasite found in stool.
- 5** Write short notes on: (any Three) **18**
- (a) Test for protein in CSF and its interpretation
 - (b) clinical examination of urine in a patient of Diabetes coma.
 - (c) Findings in microscopic examination of semen.
 - (d) Describe test for bile salt and bile pigment.
- 6** Write answers in 2-3 sentences. **14**
- (a) Define albuminuria.
 - (b) Enumerate parasites seen in stool.
 - (c) Name four parasitic diseases caused by contaminated water and food.
 - (d) Name cell count and cell types in CSF.
 - (e) Discuss in about care you will take while testing body fluid to prevent biohazards.
 - (f) AFB stain for sputum.
 - (g) contents of semen diluting fluid for sperm count.