



D-4573

Seat No. _____

D. M. L. T. Examination

April - 2022

Urin Analysis Examination of Body Fluid

(New Course)

Time : 3 Hours]

[Total Marks : 100

SECTION - I

- 1** Write short notes on : (any three) **18**
- (a) Describe tests for protein estimation in urine.
 - (b) Write in brief about casts found in urine.
 - (c) Indication of urine examination and methods of preservation of urine.
 - (d) Write about physical examination of urine in brief.
- 2** Write short notes on : (any three) **18**
- (a) Describe tests for bile salts and pigments.
 - (b) Describe difference between exudates and transudate.
 - (c) Pregnancy test in urine.
 - (d) Describe Physical examination of CSF.
- 3** Write answers in 2-3 sentences. **14**
- (a) Condition in which ketone bodies are seen in urine.
 - (b) What is fixed specific gravity ?
 - (c) What is xanthochromia ?
 - (d) What is chyluria ?
 - (e) Normal value of protein in CSF ?
 - (f) Normal sperm count in semen.
 - (g) Crystals seen in synovial fluid.

SECTION - II

- 4** Write short notes on : (any three) **18**
- (a) Morphology of various form P. Vivex and P. Falciparum.
 - (b) Test for sperm motility.
 - (c) Describe tests for protein estimation in CSF.
 - (d) Enumerate parasite found in stool.
- 5** Write short notes on : (any three) **18**
- (a) Physical examination of sputum
 - (b) Clinical examination of urine in a patient of Diabetic coma
 - (c) Collection of semen.
 - (d) Chemical examination of faeces
- 6** Write answers in 2-3 sentences. **14**
- (a) Pandy's test
 - (b) Composition of gastric juice
 - (c) Define oliguria
 - (d) Name the crystal seen in acidic urine
 - (e) Universal precautions while handling body fluids
 - (f) AFB stain for sputum
 - (g) Contents of semen diluting fluid for sperm count.
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