

**First Year B.Sc MLT Degree Supplementary Examinations
February 2019**

Physiology

(2015 Scheme)

Time: 2 Hours

Total Marks: 50

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(10)

1. How will you classify white blood cells. Describe the functional properties of white blood cells. Add a note on immunity. (2+5+3)

Short notes

(5x5=25)

2. Define glomerular filtration rate. Explain the factors affecting the same.
3. What is bile and mention its composition. Mention briefly on its function.
4. Briefly describe the production of CSF and its functions
5. How much is normal coronary blood flow. Enumerate the special features of coronary circulation.
6. Describe in detail the neural regulation of respiration.

Answer briefly

(5x3=15)

7. Define cardiac cycle. Mention about its different phases.
8. Describe three important functions of cerebellum.
9. Draw and label normal visual pathway.
10. How much is normal serum calcium level. Mention the important hormones regulating the same.
11. Factors affecting spermatogenesis.
