A–8999	Sub. Code
	5BMCA2

U.G. DEGREE EXAMINATION, NOVEMBER 2019

Microbiology and clinical Lab Technology

Allied – BODY FLUID ANALYSIS AND CLINICAL TEST REPORTING

(CBCS 2015 onwards)

Time : 3 Hours Maximum : 60 Marks

Part A (10 × 1 ½ = 15)

Answer **all** the questions.

Define/Comment/Write short notes on:

1. Plasma.
2. Electrolytes.
3. Anencephaly.
4. Karyotyping.
5. Serous fluid
6. CSF pressure
7. Heinz body
8. Lupus erythematosus
9. Lab report
10. SOP

Part B (5 × 3 = 15)

Answer **ALL** questions, choosing either (a) or (b).

11. (a) Distinguish between intracellular and extracellular fluids

Or

(b) Enumerate the solutes in body fluid.

12. (a) Comment on the significance of gestation age.

Or

(b) Brief the α–fetoprotein testing and its clinical significance.

13. (a) Comment on synovial fluid.

Or

(b) Write the chemical composition of CSF

14. (a) Provide the components of blood.

Or

(b) What is a hemogram? Comment on it.

15. (a) Differentiate the functioning of a low from medium complexity test laboratory.

Or

(b) Discuss the technique of preparing a lab report.

Part C (3 × 10 = 30)

Answer any **three** questions.

16. Discuss the significance of body fluids and their regulation.

17. Amniotic fluid plays and pivotal role in the growth and development of fetus – Discuss.

18. Interpret the chemical and pressure changes in the CSF.

19. With schematic representation, describe the mechanism of coagulation of blood.

20. Labs that perform high complexity tests must follow certain protocols and norms – Narrate.

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