

<b>F-1722</b>
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<b>Sub. Code</b>
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<b>7BMCA4</b>
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**U.G. DEGREE EXAMINATION, APRIL 2019**

**Mircobiology and Clinical Lab Technology**

**Allied – HUMAN PATHOLOGY**

**(CBCS – 2017 onwards)**

Time : 3 Hours

Maximum : 60 Marks

**Part A**

(10 × 1.5 = 15)

Answer **all** the questions.

1. Define : Pathology.
2. Give example for viral infections.
3. Apoptosis.
4. Cellular ageing.
5. Vascular changes of Inflammation – explain.
6. Acute inflammation.
7. Scar formation.
8. Extra cellular matrix of tissues.
9. Jaundice.
10. Hyperemia.

**Part B**

(5 × 3 = 15)

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

11. (a) Give an account on the types of fungal infections.

Or

- (b) What are infectious disease? List out the causes of it.

12. (a) Write down the causes of cell injury.

Or

- (b) Comment on the external factors of necrosis.

13. (a) Discuss in brief about the Cardinal Sign of inflammation.

Or

- (b) Describe about the morphological effects of acute inflammation.

14. (a) What are the complications of wound healing?

Or

- (b) Add notes on tissue repair mechanism.

15. (a) Explain about the pathogenesis of Tuberculosis disease.

Or

- (b) Comment on the following :

- (i) Haemostasis
- (ii) Thrombosis.

**Part C** $(3 \times 10 = 30)$ 

Answer any **three** questions.

16. Elaborate in detail about the pathogenesis viral infections.
  17. Compare and contrast necrosis and apoptosis.
  18. Write in detail about the chemical mediators of inflammation.
  19. What are the factors that influence tissue repair?
  20. Discuss the etiology, pathogenesis, clinical sign and management of Asthma.
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