

**B.Sc. IN MEDICAL LABORATORY
TECHNOLOGY (BMLT)**

Term-End Examination

December, 2016

00283

**BAHI-009 : APPLIED HISTOPATHOLOGY AND
CYTOLOGY**

Time : 3 hours

Maximum Marks : 70

Note : Attempt any five questions. Question no. 6 is compulsory.

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1. Define Autopsy. How does it differ from Biopsy ?
Discuss in detail regarding Autopsy. 2+8=10
 2. What is Cytology ? How will you prepare smear
for cytology ? 2+8=10
 3. Define Specimen. Critically discuss routine
mounting of museum specimen. 2+8=10
 4. Discuss in detail cytological fixative of cytological
smear. 10
 5. Define Cytogenetics. Briefly discuss transcription
and translation. 2+8=10

6. Write short notes on any *five* of the following : $5 \times 4 = 20$

- (a) Stains for Connective Tissue
 - (b) Stains for Tuberculosis Bacilli
 - (c) Stains for Calcium
 - (d) Stains for Fat
 - (e) Fine Needle Aspiration Cytology (FNAC)
 - (f) Frozen Section
 - (g) Cytocentrifuge
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