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

Term-End Examination

December, 2017

BAHI-008 : HISTOPATHOLOGY AND CYTOLOGY

Time : 3 hours

Maximum Marks : 70

Note : Attempt any 5 questions. Q.No. 6 is compulsory.

1. (a) Explain the concept of tissue processing. 5+5=10
(b) Describe the procedure of tissue processing.

2. (a) Define decalcification. 2+4+4=10
(b) Describe the process of decalcification.
(c) List decalcification agents needed for process of decalcification.

3. (a) Define F N A C. 2+8=10
(b) Describe the procedure and clinical importance of Fine Needle Aspiration Cytology (FNAC).

4. (a) Define frozen section. 2+8=10
(b) Enumerate principles and indications of frozen section.

5. (a) Define Quality Control. 2+4+4=10
(b) Discuss the steps for Total Quality Management (TQM).
(c) Describe steps for Quality Control in Histopathology.
6. Write short notes on any five of the following : 5x6=30
- (a) Formaline fixative
 - (b) Microtome
 - (c) Sharpening of Knife
 - (d) Papanicolau stain (PAP)
 - (e) Cytological fixative
 - (f) Reception of specimen
 - (g) H and E staining
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