

**BHARATI VIDYAPEETH (DEEMED TO BE UNIVERSITY), PUNE- INDIA**  
**POST GRADUATE DIPLOMA IN MEDICAL LABORATORY TECHNOLOGY**  
**P.G. D. M. L. T. :SUMMER- 2022**  
**SUBJECT : PATHOLOGY**

Day : Friday  
Date : 1/7/2022

**S-2842-2022**

Time : 01:30 PM-04:30 PM  
Max. Marks : 100

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answer to the both sections should be written in **SEPARATE** answer book.

**SECTION – I**

- Q.1** Describe in detail steps for tissue processing in histopathology laboratory. **[15]**
- Q.2** Define Anaemia. Discuss laboratory diagnosis of iron deficiency Anaemia. **[15]**
- Q.3** Write short notes on **ANY FOUR** of the following: **[20]**
- a) ESR
  - b) Fixatives in Histopathology
  - c) Decalcification
  - d) Reticulin Stain
  - e) Maintaining records in Laboratory

**SECTION – II**

- Q.4** Enumerate various methods for doing blood grouping. Discuss cross match. **[15]**
- Q.5** Write in detail about stool examination. **[15]**
- Q.6** Write short notes on **Any FOUR** of the following: **[20]**
- a) Chemical examination of Urine
  - b) Packed Cell Volume
  - c) Peripheral Blood Smear Stains
  - d) Biomedical Waste
  - e) Exfoliative cytology

\* \* \* \* \*