



RAN - 2103000206020075

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**T.Y.M.L.T. (Sem. VI) Examination April - 2023**

**MLT - 21 Blood Banking**

**सूचना : / Instructions**

(१)

नीचे दशावेष निशानीवाणी विगतो उत्तरवही पर अवश्य लभवी.  
**Fill up strictly the details of signs on your answer book**

Name of the Examination:

T.Y.M.L.T. (Sem. VI)

Name of the Subject :

MLT - 21 Blood Banking

Subject Code No.: 2103000206020075

Seat No.:

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Student's Signature

**SET-1**

- (2) Figures to the write indicate the full marks of the questions.  
(3) Draw the figures wherever necessary.

**Q-1 Answer in short on the following:**

**(08)**

- (a) Mention the storage temperature and expiry date of cryoprecipitate.  
Give its use.  
(b) State the clinical importance of Rh blood group system.  
(c) What is partial D?  
(d) Give the full form of CPDA and SAGM.

**Q-2 Attempt any two the following:**

**(14)**

- (a) Discuss about donor Selection and rejection criteria for blood collection in blood bank.  
(b) Hemapheresis can be done using manual as well as apheresis machines.  
Justify.  
(c) Write a note on Rh blood typing.

**Q-3 Write an essay on any one of the following: (12)**

- (a) Inheritance and formation of A, B and H antigens and detection methods for ABO blood group system.
- (b) Transfusion reactions and its investigations.

**Q-4. Write short notes on any two of following: (16)**

- (a) Bombay Blood group
  - (b) HDN
  - (c) Red cell concentrate
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