



**RB-5054**

**Diploma in Blood Bank Technology Examination**

**April / May – 2010**

**Transfusion Therapy & Q.C. Docu. & Legal  
Aspects of Blood Banking : Paper - IV**

Time : 3 Hours]

[Total Marks : 70

**Instruction :**

नीचे दृशावेव निशानीवाणी विगतो उत्तरवडी पर अवश्य लपनी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<b>Diploma in Blood Bank Technology</b>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<b>Tran. Ther. &amp; Q.C. Docu. &amp; Legal Asp. of B. Bank. : P - 4</b>	<input type="text"/>
Subject Code No. : <input type="text"/> 5 <input type="text"/> 0 <input type="text"/> 5 <input type="text"/> 4	<input type="text"/>
Section No. (1, 2,...): <input type="text"/> 1&2	
Student's Signature	

**SECTION - I**

1 Describe in detail Trasnfusion therapy. **15**

**OR**

1 Describe in detail Blood Bank Reception counter.

2 Write short notes on any **three** **15**

- (a) Hemolytic transfusion reaction
- (b) Strategies to prevent transfusion reactions
- (c) Bacterial contamination
- (d) Graft versus host disease

3 Name laboratory investigations in a case of hemolytic transfusion reaction.

**SECTION - II**

1 Describe in detail quality control of blood and blood products. **15**

**OR**

1 Describe in detail organization and regulation of blood bank.

- 2** Write short notes on any **three**. **15**
- (a) Proficiency test
  - (b) Quality control of blood bank techniques.
  - (c) Quality control of blood bank raw materials and kits.
  - (d) Automation in blood bank.
- 3** Name quality control datas written on QC sheet for antisera. **5**
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