



JD-4199

P. G. D. M. L. T. Examination

April/May - 2013

Haematology & Blood Banking : Paper - III

Time : Hours]

[Total Marks : 70

Instructions :

(1)

नीचे दृशावेव निशानीवाणी विगतो उत्तरवही पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="P. G. D. M. L. T."/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="Haematology & Blood Banking : Paper - III"/>	<input type="text"/>
Subject Code No. : <input type="text" value="4"/> <input type="text" value="1"/> <input type="text" value="9"/> <input type="text" value="9"/>	<input type="text"/>
Section No. (1, 2,.....) : <input type="text" value="1"/> <input type="text" value="2"/>	<input type="text"/>
	Student's Signature

- (2) Answer to each section to be written in seperate answer book.
- (3) Figures to the right indicate full marks of the questions.
- (4) Illustrate your answers with neat diagram wherever necessary.

SECTION-I : Haematology

1 Classify haemolytic anemia and describe its lab diagnosis. 15

OR

1 Describe etiopathogenesis of Iron deficiency anemia and its lab diagnosis.

2 Write short notes on any three : 15

- (a) Principle method and significance of APTT.
- (b) ESR.
- (c) Leukaemoid Reaction.
- (d) B.M. findings in megaloblastic anemia.
- (e) G6PD deficiency.

3 Match the following : 10

- | | |
|-------------------------------|--------------------|
| (i) Brilliant cresyl blue | (a) Dungenis fluid |
| (ii) Fibrinogen | (b) ITP |
| (iii) Philadelphia chromosome | (c) Hemophilia B |
| (iv) Increased FDP | (d) LE cell. |
| (v) Decreased Platelet Count | (e) R.C. |
| (vi) Glass bead methods | (f) A.M.L. |

- | | |
|------------------|---------------------|
| (vii) AEC | (g) C.M.L. |
| (viii) Factor IX | (h) D.I.C. |
| (ix) Sudan Black | (i) Aplastic Anemia |
| (x) Dry tap | (j) 200-400 mg/dl |

SECTION-II : Blood Banking

4 Describe investigations in case of transfusion reactions. **15**

OR

4 Describe ABO blood group systems.

5 Write short notes on any **three** : **15**

- (a) Transfusion transmitted infection testing.
 - (b) Indirect coomb's test.
 - (c) Component preparation.
 - (d) Weak D.
 - (e) Compatibility testing protocol.
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