



Date: 03-11-2018  
Time: 09:00-12:00

Dept. No.

Max. : 100 Marks

**Section -A**

**Answer all the questions**

**(10x2=20)**

1. Define kernicterus.
2. Define packed cell volume.
3. Draw and comment on blood pressure monitor.
4. What is embolism?
5. Define Pyknosis.
6. Write the control measures of dengue.
7. Mention the important of fixation.
8. What are the harmful effects of junk food?
9. Enumerate the clinical significance of ESR test.
10. State the significance of cryostat.

**Section -B**

**Answer any four questions**

**(4x10=20)**

11. Explain the procedure, formula & clinical significance of total RBC count.
12. A Rh<sup>+</sup> man marries a Rh<sup>-</sup> woman. Elaborate the genetic impact.
13. Explain the mechanism & applications of MRI scan **or** ECG scan.
14. Discuss the life cycle & control measures of *Entamoebahistolytica*
15. Given an account on bleeding disorder of man.
16. How can hemoglobin be estimated calorimetrically? & add a note on its clinical significance.

**Section -C**

**Answer any two questions**

**(2x20=40)**

17. Explain the classification and different types of anemia with an illustration.
18. Elaborate the stages and process of human hemopoietic system.
19. Discuss the factors involved in the mechanism of blood coagulation.
20. Explain the histopathological process with an illustration.

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