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Total No. of Pages : 02

Total No. of Questions : 18

B.Sc. (MLS) (2014 to 2017) (Sem.-3)

APPLIED HAEMATOLOGY-I

Subject Code : BMLS-303

M.Code : 48108

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A

Answer briefly:

- 1) Define the term azoospermia.
- 2) What is hematuria?
- 3) Name coagulation factors which are produced from liver.
- 4) What do you know by the term paracentesis?
- 5) What is the function of Kaolin in APTT?
- 6) Define accuracy.
- 7) What is Tart cell?
- 8) What is principle of blood cell counter?
- 9) What do we mean by the term "shift to left" in leucocytes?
- 10) What are stomatocytes?

SECTION-B

- 11) Write a short note on routine examination of urine.
- 12) Describe the procedure for biomedical waste management in haematology laboratory.
- 13) “*Physiological variation in Hb, TLC and platelets*”. Discuss.
- 14) Discuss the clinical significance of LE cell.
- 15) Write a detailed note on routine quality assurance protocol.

SECTION-C

- 16) Discuss the procedure of bone marrow aspiration. Explain processing and staining of trephine biopsy.
- 17) Discuss in detail various red cell anomalies.
- 18) What is line of action for investigating a case suffering from bleeding disorder?

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.