



# THE AMERICAN COLLEGE, MADURAI

(An Autonomous Institution Affiliated to Madurai Kamaraj University)  
Re-accredited (2<sup>nd</sup> Cycle) by NAAC with Grade "A", CGPA – 3.46 on a 4-point scale

## Backlog Arrear Examination, March 2021

**CHE 1204**

**Understanding Medical reports**

**Time: 2 hours**

**Max: 60 Marks**

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**(Answer any Four Questions)**

**(4 x 15 = 60)**

1. a) Explain the sterilization and disinfection methods in details.  
b) What are the precaution steps to take for the collections of blood and saliva semen and how can it preserve. (7+8)
2. a) Discuss the importance of urine test and for sugar and jaundice patients.  
b) Explain the following terms i) body temperature ii) respiration iii) blood pressure iv) respiration. (7+8)
3. What is the importance and composition of blood? Explain the significance of haemoglobin and white blood cells in details. (15)
4. a) What is bleeding disorder ? What causes a bleeding disorder ?  
b) What are the composition and importance of gastric juice and bile juice? (7+8)
5. a) What are uses of Electro Cardio Gram and Echo Cardio Gram ? Explain its operating principle.  
b) What is the operating principle and uses of CT scan. (8+7)
6. a) What is pH and sugar value of blood ? What are the factors affecting blood pH and sugar?  
b) What are the types of fever? Explain the age versus height and weight chart. (8+7)

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