

School of Basic and Applied Sciences

Forensic Science

ETE - May 2023

Time : 3 Hours

Marks : 50

Sem VI - BBS08T5131 - Applied Physics II

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

1. Write any 4 causes of rail accidents. K2 CO1 (2)
2. Give a brief introduction of section 337, IPC. K2 CO2 (2)
3. List the composition of borosilicate glass. K3 CO3 (2)
4. List any 5 preliminary examinations for the adulterated cement examination. K3 CO4 (2)
5. List any 5 synthetic fibers. K4 CO5 (2)
6. What are the causes related to the vehicle in the road accident case? Explain in detail. K3 CO1 (5)
7. Explain the sections 304 A and 337 of IPC in detail. K4 CO2 (5)
8. Explain the string method for the examination of blood spatter. K6 CO6 (6)
9. Explain the refractive index examination of glass in detail. Also, explain the physical examination of glass evidences. K4 CO3 (8)
10. Explain the fineness test and ignition test for the cement sample analysis in detail. K4 CO4 (8)
11. Explain the different types of fibers. Also, Explain the optical properties of fibers. K5 CO5 (8)