

## School of Biomedical Science

Bachelor of Science Honours in Forensic Science  
Summer Term Examination – July - August 2024

Duration : 180 Minutes  
Max Marks : 100

### Sem V - C2UB504B - Forensic Ballistics

General Instructions

*Answer to the specific question asked*

*Draw neat, labelled diagrams wherever necessary*

*Approved data hand books are allowed subject to verification by the Invigilator*

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|-----|--|--------|
| 1)  | Recall Kevlar.   | K1(2)  |
| 2)  | Compare deflagration and combustion.   | K2(4)  |
| 3)  | Demonstrate analysis of FDR using chemical methods.  | K2(6)  |
| 4)  | Discuss about the primers and priming compounds  | K3(9)  |
| 5)  | Identify maximum range with G1 drag model.   | K3(9)  |
| 6)  | Contrast the collection and packaging of GSR particles.                                    | K5(10) |
| 7)  | Simplify the breech loading firearms.  | K4(12) |
| 8)  | Explain the detail account on matching of bullets and cartridge cases in regular firearms. | K5(15) |
| 9)  | Compare the instrumental analysis for GSR particles.                                       | K5(15) |
| 10) | Discuss the latest trends in database computer system for firearm identification?          | K6(18) |