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School of Biomedical Science**Master of Science in Healthcare and Clinical Research
Semester End Examination - Nov 2023****Duration : 180 Minutes
Max Marks : 100****Sem III - MBACTT3002 - Clinical Research and Biotechnology**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*

- 1) Discuss the fatty acid syndrome K1 (2)
- 2) Mentioned the definition of apoenzyme and holoenzyme. K2 (4)
- 3) Extend the multiple Oulation Embryo tranfer technology. K2 (6)
- 4) Classsify the biosafety level in the cell culture. K3 (9)
- 5) Solve the various techniques used in the process of foot printing experiments K3 (9)
- 6) Criticize the human genome project in details. K5 (10)
- 7) List the different techniques used in injecting the DNA. K4 (12)
- 8) Evaluate the the Linker, Polylinker, Adapter, Homopolymer tailing. K5 (15)
- 9) Opinion the different types tissue culture techniques utilized for the biotech. K5 (15)
- 10) Elaborate MP13 series of Cloning Vectors. K6 (18)