

FOURTH SEMESTER UG DEGREE EXAMINATION, APRIL 2025

(Regular/Improvement/Supplementary)

BACHELOR OF SPORTS MANAGEMENT (BSM)

GBSM4C04T: TECHNOLOGY IN SPORTS AND EMERGING TRENDS

Time: 2 ½ Hours
80

Maximum Marks:

SECTION A: Answer the following questions. Each carries *two* marks.
(Ceiling 25 marks)

1. Mention the end uses of seamless knitting.
2. What is natural turf surface?
3. Define entrepreneur.
4. Comment on data mining.
5. What is data management?
6. Comment on social network analysis.
7. What is Strain?
8. List out the applications of pressure sensor.
9. What is IPR?
10. Mention the different types of sports surfaces.
11. What technology is used in sports analytics?
12. Comment on simulation.
13. What is modelling technology?
14. List the different types of seamless knitting.
15. What is bankruptcy?

SECTION B: Answer the following questions. Each carries *five* marks.
(Ceiling 35 marks)

16. Distinguish between entrepreneur and enterprise.
17. Write an account on intellectual property.
18. What are the applications of geospatial data analysis?
19. Write a note on sports analytics.
20. Elaborate the application of spatio-temporal analysis in sports.
21. Differentiate between seamless and seamed knitting.
22. Give an account on injury.
23. Explain in detail about human-shoe-surface interaction.

SECTION C: Answer any *two* questions. Each carries *ten* marks.

24. Explain in detail about interactive visualization technology and its uses.
25. Describe about genomics in sports.
26. Discuss the uses of AI in sports officiating.
27. Give an account on the various types of debt securities.

(2 × 10 =20 Marks)