

47003

M.P.Ed., DEGREE EXAMINATION, MARCH/APRIL 2019.

FOURTH SEMESTER

Paper III — SPORTS TECHNOLOGY

Time : Three hours

Maximum : 75 marks

(No additional sheet will be supplied)

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions.

Each question carries 5 marks.

Each answer should not exceed 2 page.

1. Meaning and definition of Sports Technology.
2. Closed cell and Open cell foams.
3. Smart Material.
4. Artificial turf
5. Construction of Indoor facilities.
6. Modern equipment
7. Types of Video Coverage.
8. Lighting Facilities.

PART B — (5 × 10 = 50 marks)

Answer ALL questions.

Each question carries 10 marks.

Each answer should not exceed 4 pages.

9. Explain the scope importance of technology in Sports.
Or
10. Explain the technological impacts on Sports.
11. Foot wear production, factors and applications in Sports.
Or
12. Discuss about High density modeling foam.
13. Explain about construction and installation of Sports surfaces.
Or
14. What is the use of computer and software in Match Analysis and Coaching?

15. Discuss about Playing Equipment.

Or

16. Describe types of clothing and shoe, explain advantages of clothing and shoe in sports and games.

17. Explain the methods of erecting Flood Light and measuring luminous.

Or

18. Discuss about place and position of Camera in Live coverage of Sporting events.

