

**Avinashilingam Institute for Home Science and Higher Education for Women**  
**(Deemed to be University) Coimbatore – 641 043**

Bachelor of Physical Education Degree Examination – November 2018  
I Semester

Class : I B.P.Ed.

Time: 3 Hrs  
Max. Marks: 100

**18BPPDC03 Educational Technology and Methods of Teaching in Physical Education**

**Part – A**

**10 X 1 = 10**

**Choose the Correct Answer**

1. \_\_\_\_\_ technology refers to all applications of technology in the learning process. It includes all the IT tools, resources and systems used in education.
  - a. Instructional
  - b. Educational
  - c. Scientific
  - d. Presentational
2. This teaching method is used to communicate an idea with the aid of visuals such as flip charts, posters, power point, etc.
  - a. Lecture
  - b. Heuristic
  - c. Demonstration
  - d. Laboratory
3. \_\_\_\_\_ is a game-play in a cinematic, scripted manner, often through the use of full-motion video of either animated or live-action footage.
  - a. Video clips
  - b. Chat
  - c. Gaming
  - d. Interactive video game
4. This device, usually portable and electronic or electromechanical, that counts each step a person takes by detecting the motion of the person's hands or hips.
  - a. Wind gauge
  - b. Starting block
  - c. Photo finishing
  - d. Pedometer
5. The method that is commonly used when parts do not form a natural and meaningful sequence of actions and do not need to be practised together.
  - a. Part-whole
  - b. Whole
  - c. Part
  - d. Whole-Part
6. The teaching that is coordinated teaching by a team of teachers working together is called as \_\_\_\_\_.
  - a. Group teaching
  - b. Team Teaching
  - c. Cooperative teaching
  - d. Verbal teaching
7. This technology used for displays in notebook and other smaller computers. Like light-emitting diode (LED) and gas-plasma technologies, these devices allow displays to be much thinner than cathode ray tube (CRT) technology.
  - a. OCR
  - b. OMR
  - c. LCD
  - d. Artificial Intelligence
8. An object (such as a book, picture, or map) or device (such as a DVD or computer) used by a teacher to enhance or enliven classroom instruction.
  - a. Teaching method
  - b. Teaching technique
  - c. Teaching strategy
  - d. Teaching aid
9. A teaching technique especially used in teachers' pre-service education to train them systematically by allowing them to experiment main teacher behaviors.
  - a. Micro teaching
  - b. Objective based teaching
  - c. Link Practice
  - d. Macro teaching
10. \_\_\_\_\_ is a teacher's detailed description of the course of instruction or "learning trajectory" for a lesson.
  - a. Hand-outs
  - b. Lesson Plan
  - c. Time management
  - d. Classroom plan

**Answer the following questions****Answer should not exceed 400 words or two pages**

11. a. Highlight the salient features of non-formal education.  
(or)
11. b. Analyze the need for teachers to know about the importance of technological devices in the teaching of physical education.
12. a. Enumerate the ways and means of promoting physical activity using technology.  
(or)
12. b. Write short notes on : i. Foul Indicator and ii. Starting block.
13. a. Elucidate the advantages and limitations of imitation method of teaching physical education.  
(or)
13. b. Distinguish the attributes of personal and technical preparations.
14. a. Discuss the important criteria involved in selection of appropriate teaching aids.  
(or)
14. b. Evaluate the significance of lesson plan in teaching of physical education.
15. a. Infer the instances where simulation can be applied in physical education.  
(or)
15. b. Draw a micro-cycle and explain its stages.

**Part – C****5 X 12 = 60****Answer the following questions****Answer should not exceed 800 words or four pages**

16. a. Define : Educational Technology. Examine how the technology based developmental processes have changed the facet of teaching of physical education.  
(or)
16. b. Illustrate the applications of the following electronic devices in the field of physical education. i. Accelerometer ii. Wind gauge iii. Heart Rate Monitor  
(or)
17. a. Elucidate the role of mass media and communication based technologies in the dissemination of knowledge about physical education and sports.  
(or)
17. b. Distinguish 'Lecture method' of teaching from 'Demonstration method'. Highlight the advantages and limitations of each method with relevant illustration.
18. a. Categorize the following teaching aids based on its applications. Give examples for each. i. Audio aids ii. Visual aids  
(or) iii. Audio-Visual aids
18. b. Compare the 'whole-part' method and 'part-whole' teaching procedures in the teaching of physical education. Cite relevant examples.
19. a. Elucidate the meaning and principles of team teaching. Present illustrations.  
(or)
19. b. Prepare a lesson plan for a topic of your choice related to teaching of physical education by highlighting the steps in writing it.
20. a. Define: Micro-teaching. Explain any three skills and its components with examples.  
(or)
20. b. What is 'simulation' ? Discuss its relevance as a method of teaching. Elucidate the steps of simulation teaching.