



Avinashilingam Institute for Home Science and Higher Education for Women
[Deemed to be University] Coimbatore-641 043

Bachelor's Degree Examination – April 2019

IV Semester

Class : II UG

Time: 3 hours
Max. Marks: 100

Major : Physical Education

15BPEI04 DSE-IV Educational Technology

Part-A

10 x 1=10

Choose the correct answer

1. Computer _____ includes the physical, tangible parts or components of a computer, such as the cabinet, central processing unit, monitor, keyboard etc.
 - a. malware
 - b. hardware
 - c. software
 - d. courseware
2. _____ is a regularly updated website or web page, typically one run by an individual or small group, that is written in an informal or conversational style.
 - a. chat
 - b. discussion room
 - c. blog
 - d. messenger
3. A _____ is a live, visual connection between two or more people residing in separate locations for the purpose of communication.
 - a. Chat-room
 - b. browsing
 - c. Mobile communication
 - d. Video conferencing
4. _____ technology is the study and ethical practice of facilitating learning and improving performance by creating, using and managing appropriate technological processes and resources.
 - a. Instructional
 - b. Communication
 - c. Educational
 - d. Mobile
5. _____ is the term used to mention appropriately to represent any kind of learning with the help of computers.
 - a. Programmed learning
 - b. Computer based learning
 - c. Internet
 - d. ICT
6. The technology used for displays in notebook and other smaller computers is _____.
 - a. LCD
 - b. ACD
 - c. VCD
 - d. ICT
7. In Physical Education, the _____ techno device is commonly referred as error identifier.
 - a. Accelerometer
 - b. Monitor
 - c. Wind gauge
 - d. Foul Indicator
8. Knowledge, Understanding, Application and Skill are all the direct action verbs representing _____.
 - a. General Instructional Objectives
 - b. Specific Instructional Objectives
 - c. Expected Behavioural Outcomes
 - d. Expected Learning Outcomes
9. This method of teaching involves performance of specified set of skills along with lecture.
 - a. Lecture
 - b. Demonstration
 - c. Project
 - d. Heuristic
10. The wide variety of skills and techniques that teachers use to keep students organized, orderly, focused, attentive, on task, and academically productive during a class is _____.
 - a. Instructional skills
 - b. Teaching skills
 - c. Content organization skills
 - d. classroom management skills

Part – B

Answer the following

Answer should not exceed 400 words or two pages

- 11.a. Infer how educational technology influence the teaching of physical education. (or)
- 11.b. Enunciate the role of internet technology with examples.
- 12.a. Highlight the significance of technology based learning approaches in the on-field environments. (or)
- 12.b. Explain the scope of educational technology with illustrations.
- 13.a. Discuss the relevance of any two communication technologies widely used in on-field applications in Physical Education and Sports. (or)
- 13.b. Elucidate the technology based provisions that facilitates the physical education teaching learning activities.
- 14.a. Explain how presentation skills help a teacher to convey the subject better. (or)
- 14.b. Write a note on how teachers of physical education can be aided by the applications of ICT.
- 15.a. Analyze the features of communication technology in teaching learning of physical education. (or)
- 15.b. Infer the need to understand the techniques of presentation in classroom teaching learning situations.

Part – C

Answer the following
Answer should not exceed 800 words or four pages

5 x 12 = 60

- 16.a. Elucidate the role of hardware and software technologies in Physical Education practices. (or)
- 16.b. Give a detailed note on the various assessment techniques involved in the process of assessing student's learning.
- 17.a. Write a note on emerging technology and its applications in the field of physical education. (or)
- 17.b. Explain about project method and discuss the relevance of project method in physical education teaching.
- 18.a. Discuss the need to understand the specific methods of teaching physical education. (or)
- 18.b. Enunciate the steps involved in the preparation and presentation of a topic using MS-Power point application.
- 19.a. As a Physical Education teacher suggest ways and means to improve instructional process using technology. (or)
- 19.b. Explain the various phases involved in teaching. Highlight the significance of the Planning phase with illustrations.
- 20.a. Give a brief account on the following (i) Laser beam technology and (ii) Foul Indicator (or)
- 20.b. Highlight the need for a physical education teacher to understand the Classroom Management skills.
