



Mavin

**Avinashilingam Institute for Home Science and Higher Education for Women**  
(Deemed to be University Estd. u/s 3 of UGC Act 1956, Category 'A' by MHRD)  
Re-accredited with 'A++' Grade by NAAC. Recognised by UGC Under Section 12B  
Coimbatore - 641 043, Tamil Nadu, India

**Bachelor's Degree Examination –May 2024**  
**IV Semester**

**Class : II UG**

**Time: 3 hours**

**Branch: Physical Education.**

**Maximum Marks: 100**

**21BPE104DSE –IV Educational Technology**

**Course Outcomes:**

1. Define the human anatomy and physiology.
2. Describe the kinesthetic movement and the physiological effects of exercise in human body
3. Apply the major concepts, theories, and empirical findings in health science.
4. Compare the responses of individuals of differing levels of fitness to a variety of relative and absolute exercise intensities
5. Formulate the physiological bases for differences in exercise responses and performance

**Part-A**  
Choose the correct answer

**10 x 1 = 10**

1. Identify the net work hardware of a home net work CO1 K1  
a) Access point      b)NIC Card      c) Analog modem      d) FireWire
2. Which bus is bidirectional? CO1 K1  
a) data bus      b) control bus      c) Address bus      d) multiplexed data
3. Lesson plan is categorized into CO1 K2  
a) 3      b)      c) 2      d) 5
4. E-mail address is made up of. CO1 K2  
a) Single part      b) Three part      c) Two part      d) Four part
5. E-mail component of internet Explorer is called CO1 K3  
a) Message box      b) Outlook express  
c) Messenger mailbox      d) None of the above
6. The internet standard is CO1 K3  
a) MIME      b) BIN-HEX      c) UNENCOBING      d) None of the above
7. Most new readers present newsgroups articles CO1 K4  
a) Mail      b) column      c) Threads      d) None of the above
8. A video consists of a sequence of CO1 K4  
a) Frames      b) Signals      c) Packets      d) Slots
9. Electro-optical effect is produced in CO1 K5  
a) LCD      b) OLED      c) LED      d) OFC
10. Which file format can be added to a power point show? CO1 K5  
a) gif      b) jpg      c) wav      d) all the above

**Part-B**  
**Answer the following**  
**Answer should not exceed 400 words or two pages.**

**5×6=30**

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|---|--------|
| 11. a) Discuss about educational technology.<br>(or)                                      | CO1 K2 |
| 11. b) Differentiate between hardware and software.                                       | CO1 K2 |
| 12. a) Establish the need and importance of internet.<br>(or)                             | CO2 K3 |
| 12. b) Determine the need and importance of e-mail.                                       | CO2 K3 |
| 13. a) Analyze the significance of communication technology in physical education<br>(or) | CO3 K4 |
| 13. b) Point out the uses of computer based learning in your field.                       | CO3 K4 |
| 14. a) Justify the role of audio-technology in physical education.<br>(or)                | CO4 K5 |
| 14. b) Defend the statement "Technology device in physical education."                    | CO4 K5 |
| 15. a) Create the question paper using of MS word application.<br>(or)                    | CO5 K6 |
| 15. b) Formulate the process of sending and receiving E-mail.                             | CO5 K6 |

**Part-C**  
**Answer the following**  
**Answer should not exceed 800 words or four pages.**

**5 X12=60**

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|--|--------|
| 16. a) Describe the different methods of teaching physical activities with examples.<br>(or) | CO1 K2 |
| 16. b) Illustrate the role of hardware and software technology in physical education.        | CO1 K2 |
| 17. a) Show the need and importance of video conference in your field.<br>(or)               | CO2 K3 |
| 17. b) Sketch the facilities of modern communication.  | CO2 K3 |
| 18. a) Differentiate between lecture method and demonstration method of teaching.<br>(or)    | CO3 K4 |
| 18. b) Point out the various teaching aids in physical education.                            | CO3 K4 |
| 19. a) Debate on the positive effects of micro teaching.<br>(or)                             | CO4 K5 |
| 19. b) Summarize the effective teaching and teachers' responsibility.                        | CO4 K5 |
| 20. a) Explain the techniques of presentation.<br>(or)                                       | CO5 K6 |
| 20. b) Construct a topic in class room teaching with the use of PowerPoint.                  | CO5 K6 |

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