

Master of Physical Education Examination - 2025

Department of Physical Education

2<sup>nd</sup> Year, 2<sup>nd</sup> Semester

Subject Code: MPCC-401

INFORMATION & COMMUNICATION TECHNOLOGY (ICT)  
IN PHYSICAL EDUCATION AND SPORTS

Time: Three Hours

Full Marks: 70

Mention the Question number clearly before writing the answer.

GROUP - A

Answer **any three** questions:

15×3=45

1. Mention the components of a computer. Explain the software in computer system. Explain the application of computer in physical education teaching and research. 4+4+7=15
2. What is WWW? Explain the type of computer network with example. Mention only the different network topology with diagram. 3+7+5=15
3. Write down the prime application of MS Word, MS Excel and MS Power Point in physical education. Explain the editing features of MS Word. Write down the steps of inserting citation and bibliography in MS Word. 6+5+4=15
4. Write the full form of ICT, MOOC and DOAJ. Tabulate the barriers and facilitators in the communication process with examples. 3+12= 15
5. Explain the role of ICT in the education. Differentiate cooperative and collaborative learning. Describe the challenges of ICT in Sports and Physical Education in modern days. 6+4+5=15

GROUP - B

Write short notes on **any two** of the following:

7.5×2=15

- 6) Web browser and search engine
- 7) Project Based Learning
- 8) Communication Process in a Teaching-learning model
- 9) Functions and formulas in MS Excel

**GROUP - C**

10. Chose the correct option for each MCQs and write it on your answer script (**any ten**)

**1×10=10**

- (i) A web address that uniquely identifies a resource on the internet, such as a website, web page, or file is called.....
- a. Reference
  - b. URL
  - c. Hyperlink
  - d. Anchor
- (ii) ..... is the acronym for VPN used for cybersecurity.
- a. Virtual Private Network
  - b. Verified Personal Node
  - c. Variable Protected Network
  - d. Virtual Public Namespace
- (iii.) .....and..... are the shortcut keys to create and open a PowerPoint Presentation.
- a. Ctrl + P and Ctrl + N
  - b. Ctrl + N and Ctrl + O
  - c. Ctrl + N and Ctrl + S
  - d. Ctrl + Q and Ctrl + O
- (iv) “Compatibility Mode” in Microsoft Word indicates.....
- a. The document is optimized for use with macros
  - b. The document matches the default theme settings
  - c. The document was created in an earlier version, some features may be disabled
  - d. Updates and new features are fully enabled
- (v) In MS Excel, currently selected cell address is displayed in
- a. Name Box
  - b. Formula Bar
  - c. Both a and b
  - d. None of the above

(vi) ..... is not a knowledge sharing digital platform by Ministry of Education, Govt. of India.

- a. DIKSHA
- b. SWAYAM
- c. NISHTHA
- d. UDEMY

(vii) Which protocol is used for secure web browsing?

- a. HTTP
- b. HTTPS
- c. FTP
- d. SMTP

(viii) Match the following:

- |                           |   |                         |
|---------------------------|---|-------------------------|
| A. Cooperative Learning   | - | I. Synchronous learning |
| B. Collaborative Learning | - | II. John Dewey          |
| C. Lecture method         | - | III. Student centric    |
| D. Project Based Learning | - | IV. Kenneth Bruffee     |

Codes:

	I	II	III	IV
a)	D	C	A	B
b)	D	B	C	A
c)	C	D	B	A
d)	C	A	D	B

(ix) Jigsaw method is a strategy mainly common to.....

- |                         |                           |
|-------------------------|---------------------------|
| a. Competitive learning | b. Collaborative learning |
| c. Cooperative Learning | d. Project based learning |

- (x) .....and.....are used as tools of ICT for decision review system (DRS).
- a. Goal line technology and Hot Spot
  - b. IoT devices and ball launching machine
  - c. Hawk Eye and Digital Smart Watch
  - d. Oximeter and Pedometers
- (xi) .....and.....are research search engines.
- a) Google Scholar and Yahoo    b) PubMed Central and BASE
  - c) Google Scholar and Bing    d) PubMed and Bing
- (xii) Match the following:
- I. URKUND                      -    A. Indian Research in Progress
  - II. Shodhganga                -    B. Antiplagiarism software
  - III. Shodhgangotri            -    C. Indian thesis
  - IV. Turnitin                    -    D. Ouriginal

Codes:

	I	II	III	IV
a)	D	C	A	B
b)	D	B	C	A
c)	C	D	B	A
d)	C	D	A	B