

**M.P.Ed. Examination, 2018**

**Semester-IV**

**Physical Education**

**Course: MPCC-401**

**(Information & Communication Technology in Physical Education)**

**Time – 3 Hours**

**Full Marks – 70**

*Questions are of value as indicated in the margin*

**Answer one question from each unit**

**Unit I**

5. What is communication? Discuss about its elements, process and types of communication. How one can establish good communication in classroom situation? 3+6+5=14

**Or**

Explain the scope of Information Communication Technology in – (a) Teaching learning process, (b) Publication Evaluation, (c) Research and Administration. How to integrate Information Communication Technology in Physical Education? Explain in detail about the barriers and facilitators of communication. 6+3+5=14

**Unit II**

2. Explain the characteristics of computer. Write inabilities of computer. Write about Primary Memory, Secondary Memory and Storing Process of data/information in computer memory. Write full form of – ROM, EPROM, ASCII. 4+3+4+3=15

**Or**

Explain various components of Computer. Define software and write down the types of Software used in Computer system? What is operating system? Give two examples of operating system. Write about type and functions of computer networks and its applications. 4+3+2+2+3=14

**Unit III**

3. Write about MS Office and its applications? Describe the utilities of MS Word in Physical Education. How to create a table with 4 columns and 5 rows in MSWord? How to prepare a presentation of slides with multimedia effects in MS PowerPoint? 4+3+2+5=14

**Or**

What is Cell in MS-Excel and how it is addressed? Explain in detail about the application in Physical Education. Describe the main features of MS-Excel. Write down the condition for writing formulae? 1+2+5+4+2=14

**Unit IV**

4. Discuss about integration of ICT and its approach for improvement of Teaching Learning process in Physical Education. 15

**Or**

Discuss in details on Project Based learning (PBL). Describe the benefits and disadvantages of project based learning. Explain essential elements of project design. 4+5+5=14

**Unit V**

5. What is E-learning? Discuss in detail on advantage and disadvantages of E-learning. Write in detail about the future of E-learning. 2+6+6=14

**Or**

Discuss on Web based learning. Discuss about Virtual Classroom, its advantage and disadvantage. Explain characteristics of Web based learning. 3+6+5=14