

2023

ICT IN PHYSICAL EDUCATION AND SPORTS

Paper : MPCC-401

Full Marks : 70

The figures in the margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

1. (a) Explain the major features of a computer and its applications in education and sports.
(b) Differentiate between hardware and software with specific examples.
(c) Mention the different types of storage devices and their usage. 7+4+4

Or,

- (a) What is meant by computer network? Mention briefly with schematic diagrams of the different computer networks.
(b) Discuss the advantages and disadvantages of web browsers and search engines.
(c) What are the legal issues associated with web usage? 6+6+3
2. (a) Explain communication process and its different steps with a schematic illustration.
(b) Discuss different categories of communication used in educational set-up.
(c) Mention the various types of barriers in communication process with suitable examples. 4+5+6

Or,

- (a) Define 'ICT' and list the elements in a communication process.
(b) Explain the importance of ICT in evaluation, skill learning and decision making in competitive sports.
(c) What is meant by Cloud Computing and what are its advantages? 4+6+5
3. (a) Mention the steps to create an MS PowerPoint Presentation, renaming it and saving the File.
(b) State the main features of MS Word.
(c) Mention the use of MS Excel in Physical Education and Sports. 8+4+3

Or,

- (a) List the steps to create an MS Excel Table and enlist the applications of Excel in physical education and sports.
(b) Write down the main features of MS Access.
(c) Explain the importance of MS Publisher in physical education and sports. 7+3+5

Please Turn Over

4. Write notes on (*any two*) :

- (a) ICT in Constructivist teaching learning approach
- (b) Cooperative and Collaborative learning
- (c) Virtual Classroom
- (d) e-learning in education and research.

5. Answer the following MCQs by choosing the correct option and writing it on your answerscript. (*any ten*) : 1×10

(a) An uninvited e-mail message sent to many recipients at a time is called a:

- (i) Worm
- (ii) Threat
- (iii) Virus
- (iv) Spam.

(b) Internal Communication within an institution is done by:

- A. LAN B. WAN C. MAN D. EBB
- (i) only A
- (ii) only B
- (iii) Both C and D
- (iv) Both A and B.

(c) HTML stands for:

- (i) Hyper Text Markup Language
- (ii) Hyper Text Manipulation Language
- (iii) Hyper Text Managing Links
- (iv) Hyper Text Manipulating Links.

(d) Which of the following file formats is not a video file format?

- (i) .AVI
- (ii) .MOV
- (iii) .MP4
- (iv) .JPEG.

(e) The acronym LCD stands for:

- (i) Light Crystal Display
- (ii) Liquid Compact Display
- (iii) Light Compact Display
- (iv) Liquid Crystal Display.

(f) Which of the following is a communicative strategy to attain more information, deepen knowledge as a follow up?

- (i) Open ended questioning
- (ii) Loafing
- (iii) Closed ended questioning
- (iv) Probing.

(g) Which of the following is a computer program that spreads by inserting copies of itself into other executable documents, codes or systems?

- (i) Operating system.
- (ii) Computer Virus
- (iii) Firewall
- (iv) Anti-virus.

- (h) Which of the following is not a input device?
- (i) Mouse (ii) Keyboard
(iii) Printer (iv) Barcode reader.
- (i) Which is/are examples of non-verbal communication?
- (i) Logo of the apps (ii) Viewing Map
(iii) Body language (iv) All of these.
- (j) Put the following units of storage into the correct order, starting with the smallest unit first and going down to the largest unit :
- (a) Kilobyte (b) Byte
(c) Megabyte (d) Terabyte
(e) Gigabyte (f) Bit
- Choose your answer from the following code :
- (i) (f), (b), (a), (c), (d), (e)
(ii) (f), (b), (a), (d), (e), (c)
(iii) (f), (b), (a), (c), (e), (d)
(iv) (f), (b), (a), (d), (c), (e).
- (k) A web page address is called a :
- (i) Directory (ii) Protocol
(iii) URL (iv) Domain.
- (l) The process of copying files to a CD-ROM is known as :
- (i) Burning (ii) Zipping
(iii) Digitising (iv) Ripping.
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