DURATION – 30 minutes   **MARKS: 10**

Q.1) Define the following terms   **(1 x 2 = 2 mks)**
    a) Target Audience
    b) Wire framing

Q.2) Write a note on Traditional Content Delivery Systems.   **(2 mks)**

Q.3) Differentiate between CDN and CMS   **(3 mks)**

Q.4) Describe the different types of content organizers, on what basis do they
    set the site goal?

                                                              (3 mks)

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FARMAGUDI, PONDA - GOA
B.C.A. CBCS (SEMESTER-VI) INTRA SEMESTER ASSESSMENT (ISA) I- ASSIGNMENT,
FEBRUARY 2024
E-COMMERCE APPLICATIONS

DURATION – 45 minutes   **MARKS: 20**

Q.1) Define the following terms   **(3mks)**
    a) M-Commerce
    b) Marketplace
    c) Integrity in Email

Q.2) Differentiate between   **(3mks)**
    a) Traditional E-Commerce and E-Commerce
    b) B2C and B2G

Q.3) Why does a company need to implement email etiquette.   **(2mks)**

Q.4) What are the measures for e-mail security.   **(3mks)**

Q.5) Explain different Categories of E-Commerce applications.   **(4mks)**

Q.6) Explain the Website Design Principles and tips.   **(5mks)**
                                            OR
Q.6) Explain the threats to email security.   **(5mks)**

INTERNET OF THINGS(CAD-109)

Duration: 30 minutes   **Marks: 10**

Q1. Fill in the banks: (2)

    A. IOT devices have the capability to _____ and take actions based on their operating conditions, user's context, or sensed environment.

    B. Actuators receive a _____ that triggers a physical effect.

Q2. With the help of diagram explain how Accuracy and Precision are different features of a sensors.   (2)

Q3. Write any three points of difference between IOT and WOT.   (3)

Q4. Draw the complete diagram of Physical Design of IoT and briefly explain any two components.   (3)

B.C.A. CBCS (SEMESTER-VI) INTRA SEMESTER ASSESSMENT (ISA – I), FEBRUARY 2024
MULTIMEDIA TECHNOLOGY (CAC-120)

DURATION – 45 minutes   **MARKS: 20**

Q.1) Match the following: (5 marks)

    a) PNG file   i) Text-based document

    b) RAW file   ii) Gamma correction

    c) SVG   iii) LZW compression

    d) Encapsulated PostScript   iv) Unprocessed image data

    e) GIF   v) XML based 2-D graphic file format

Q.2) State following statements are **true** or **false** :   (5 marks)

    a) RGB (Red, Green and Blue) is the color space for digital images.

    b) PDFs are ideal for CMYK files, because they are compatible with most programs.

    c) A JPEG file supports up to 24-bit color and uses lossy compression.

    d) PNG files, which use the .png extension, can handle only 256 colors.

    e) GIF does not support interlacing.

Q.3) List and explain any three principles of designing multimedia.   (3 marks)

Q.4) Differentiate between raster graphics and vector graphic   (2 marks)

Q.5) Write short note on lossless compression technique.   (2 marks)

Q.6) Explain CMYK color mode.   (3 marks)

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