B.E. Printing Engineering 4ᵗʰ Year 2ⁿᵈ Semester Examination 2022

Digital Publishing

Full Marks: 70   **Time: 4 Hrs.**

Please read the instructions carefully and make sure answers of each COs are given separately in one place.

CO1: Analyze and synthesis of graphical information (K4)

Answer any 1 question (1 x 17.5)

1. a) Describe the use of spot colors.   5.5

    b) How these colors can be applied in photo editing software like Photoshop®   10

    c) What is out of gamut colors?   2

2. a) Describe different font types used in digital publishing.   8

    b) Briefly write about knockout and overprint.   7

    c) State the advantages of vector images.   2.5

CO2: Discuss display devices. (K2)

Answer any 1 question (1 x 17.5)

3. a) Discuss 8 to 14 modulation.   4

    b) Briefly describe modulation transfer function (MTF)?   8

    c) What are the limitations of CD-ROM technology?   5.5

4. a) Show the classification of display technologies?   5

    b) Briefly discuss direct and matrix direct and matrix driving principles of pixels.   12.5

CO3: Discuss interactive input devices in details. (K2)

Answer any 1 question (1 x 17.5)

5. a) Discuss the workflow model of PMS   15

    b) State the advantages of drum scanners.   2.5

6. a) Briefly discuss about LaTeX.   7.5

    b) Briefly discuss the epub format and its advantages.   10

CO4: Manipulation of two dimensional forms. (K3)

Answer any 1 question (1 x 17.5)

7. a) Discuss the similarity based searches in scene and video level   7

    b) Elucidate the components of database publishing.   6

    c) State the important rules for paragraph and line breaks.   4.5

8. a) Discuss the text recognition process in the videos.   7.5

    b) Elucidate on the parameters important to consider for texts in web publishing.   8

    c) Briefly write on types of texts in digital publishing.   2