

BACHELOR OF PRINTING ENGINEERING EXAMINATION, 2025

(4th Year, 2nd Semester)

DIGITAL PUBLISHING

Time : Three hours

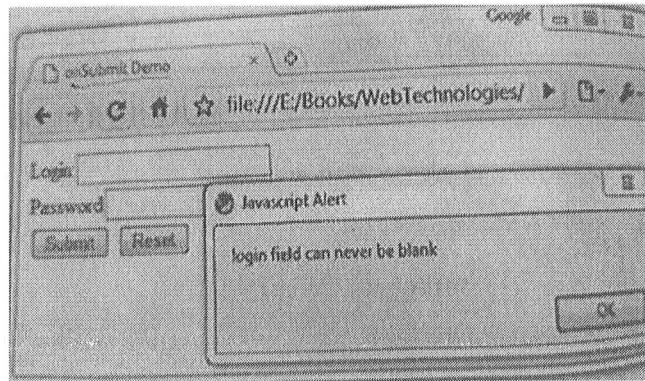
Full Marks : 100

CO1 (Answer any four) (40)

1. Explain different models of E-publishing. Design the basic HTML code for below (4+6)

	Fox	HBO	WB
5pm-7pm	News	Action	Comedy
7pm-9pm		Historical	Horror

2. Differentiate between static & dynamic website. Make a basic algorithm of the below using java script submit event. (4+6)



3. Explain the use of radio button. Make basic algorithm of all prime numbers between 2 to 50 holding in array using JS. (3+7)
4. Explain the W3C event propagation model? (10)
5. What is html DOM & instance hierarchy; interactive & noninteractive event, event handling, event handler? (2+2+2+2+1+1)

CO2 (Answer any three) (30)

6. Benefits & disadvantage of Direct Manipulation. (5+5)
7. Explain Gulf of Evaluation & Gulf of Execution in direct manipulation with schematic diagram. (10)
8. Explain the colour CRT working principle with schematic diagram? Explain shadow mask method along with its advantage and disadvantage. (6+4)
9. Explain the different components of plasma display with schematic diagram. State the advantage & disadvantage of plasma display (6+4)

[Turn over

B. Printing Engineering Examination | Digital Publishing | Jadavpur University
Ref. No.: Ex/PRN/PE/B/T/421C/2025 | Full Marks 100 | 8th Semester (May 2025)

CO3 (Answer any two) (20)

10. Check the following if it is valid or not: (i) ISBN 978-2-12-192660-7, (ii) 2223-8905 (print) (7+3)
11. Check the following if it is valid or not: (i) ISBN 978-0-19-206622-4 (ii) 2414-6250 (online) (7+3)
12. Differentiate between DAM & IPR. Explain DOI. (7+3)

CO4 (Answer any one) (10)

13. Explain PPI. Differentiate between raster & vector graphics. Scope of multimedia system. (3+4+3)
14. Plot a line between (12,20) & (16,25) by Bresenham's Line Drawing Algorithm. (10)