

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(END SEMESTER EXAMINATION)**

**CLASS: BBA/BCA/BAM
BRANCH: BBA/BCA/BAM**

**SEMESTER : II
SESSION : SP/2025**

SUBJECT: MN111 DIGITAL EMPOWERMENT

TIME: 3 Hours

FULL MARKS: 50

INSTRUCTIONS:

1. The question paper contains 5 questions each of 10 marks and total 50 marks.
 2. Attempt all questions.
 3. The missing data, if any, may be assumed suitably.
 4. Before attempting the question paper, be sure that you have got the correct question paper.
 5. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.
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Q.1(a)	Explain the difference between digital empowerment and digital inclusion.	[5] 1	2
Q.1(b)	Analyze the challenges that need to be addressed to bridge the digital divide and achieve equitable access to technology.	[5] 1	4
Q.2(a)	List the different layers of cyberspace and explain it.	[5] 1	1
Q.2(b)	Evaluate the importance of addressing ethical issues like data privacy and online security as cyberspace continues to evolve.	[5] 1	5
Q.3(a)	List the different types of cybersecurity threats.	[5] 2	1
Q.3(b)	How can the concept of "7 layers of cybersecurity" be applied to enhance an organization's overall security posture?	[5] 2	3
Q.4(a)	Analyze the potential positive and negative impacts of facial recognition technology from an ethical perspective.	[5] 3	4
Q.4(b)	Evaluate the scope of digital ethics and its effectiveness in addressing the ethical challenges posed by emerging technologies such as artificial intelligence and biotechnology.	[5] 3	5
Q.5(a)	List the nine key pillars of the Digital India initiative.	[5] 3	1
Q.5(b)	How can the Public Internet Access Programs (PIAPs) be effectively implemented in rural areas to promote digital inclusion?	[5] 3	3

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