

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(MID SEMESTER EXAMINATION SP2023)**

**CLASS: BTECH
BRANCH: CIVIL**

**SEMESTER : VI
SESSION : SP2023**

**SUBJECT: CE422 ISO14000 and ENVIRONMENTAL MGMT. SYSTEM
TIME: 02 Hours**

FULL MARKS: 25

INSTRUCTIONS:

1. The question paper contains 5 questions each of 5 marks and total 25 marks.
 2. Attempt all questions.
 3. The missing data, if any, may be assumed suitably.
 4. Tables/Data handbook/Graph paper etc., if applicable, will be supplied to the candidates
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Q.1(a)	Explain the structure and function of TC207?	[2]	1 K2
Q.1(b)	Define industrial pollution? Why do we need to manage it?	[3]	1 K1
Q.2(a)	Describe ISO 14000 series?	[2]	1 K1
Q.2(b)	Explain the legal consideration and requirements of ISO 14000?	[3]	1 K2
Q.3(a)	Define EMS? What are the benefits of EMS?	[2]	2 K1
Q.3(b)	Describe aspects and impacts with an illustration of an industry?	[3]	2 K2
Q.4(a)	Enlist the significance of ISO 14000 certification?	[2]	2 K1
Q.4(b)	Describe six core elements of EMS as per ISO14001 standard?	[3]	2 K2
Q.5(a)	Enlist the requirements for an environmental audit?	[2]	3 K1
Q.5(b)	Explain the guidelines of environmental auditing process?	[3]	3 K2

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