

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(MID SEMESTER EXAMINATION SP/2025)**

**CLASS: B.Sc
BRANCH: MLT**

**SEMESTER : IV
SESSION : SP/2025**

SUBJECT: BMT415 ESSENCE OF INDIAN KNOWLEDGE AND TRADITION

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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		CO	BL
Q.1(a) Name all the Vedas.	[2]	---	Remember
Q.1(b) Give your view on the role of Vedas in Indian civilization.	[3]	---	Understand
Q.2(a) Name four musical instruments having Indian root.	[2]	---	Remember
Q.2(b) Write a note on the development of music in different parts of India.	[3]	---	Understand
Q.3(a) Write the name of two alloys and their compositions.	[2]	---	Remember
Q.3(b) How ancient Indians had developed their knowledge on metals and metallurgy?	[3]	---	Understand
Q.4(a) Write a note on role of 'Gurukuls' in old India civilization.	[2]	---	Understand
Q.4(b) Discuss the role of temples in society and knowledge dissemination in ancient India.	[3]	---	Understand
Q.5(a) Name two ancient Indians medical scientists and write their contributions.	[2]	---	Remember
Q.5(b) Discuss the essence of science and astronomy in primitive Indian civilization.	[3]	---	Understand

::::::04/03/2025::::::M