



End Semester Examination: March / April 2025

Total No. of Questions: 3/20

Total No. of Pages:02

**OPEN ELECTIVE**  
**First Year B.Sc. Data Science**  
**COURSE CODE: 24HIS12303**

**COURSE NAME: History of Science and Technology in the World**  
**(Semester II)**

**Course Type:** Open Elective

**Paper:** OE

**Time:** 2 Hours

**Credits:** 2

**Max. Marks:** 30

**SET:** A

**Instructions to the candidate:**

- 1) All questions are compulsory.
- 2) Figures to the right indicate full marks.
- 3) Draw a well labeled diagram wherever necessary.

**SECTION: A**

**Q1 A) Answer the following question in one sentence. (Attempt any FIVE) [5 X 1 = 5]**

1. Which ancient civilization developed advanced urban planning?
2. What is the meaning of Renaissance?
3. Who is known as the father of Modern Science?
4. Give the names of two Renaissance Scientists.
5. Name the scientist who discovered the law of planetary motion.
6. State one important feature of the Industrial Revolution.
7. What was the source of the oldest known printed text?

**Q1 B) Match the Following. (Attempt any FIVE)**

**[5 X 1 = 5]**

- |                       |                                |
|-----------------------|--------------------------------|
| 1. Charvaka           | a) The Telescope               |
| 2. Martin Luther      | b) Steam Engine                |
| 3. Galileo            | c) The Last Supper             |
| 4. Indus Civilization | d) Protestant Movement         |
| 5. Newton             | e) Charka Samhita              |
| 6. James Watt         | f) Underground Drainage System |
| 7. Leonardo da Vinci  | g) Gravity                     |

**SECTION: B**

**Q2) Answer the Following in 100 words. (Attempt any TWO)**

**[2 X 5 = 10]**

1. Write in detail about the Scope of Science.
2. Explain in detail about the Protestant Reformation.
3. Mention the significant features of the Scientific Revolution.
4. State the development of Printing Press.

**SECTION: C**

**Q3) Answer the Following in 200 words. (Attempt any ONE)**

**[1 X 10 = 10]**

1. Discuss the Major contribution of Nicolaus Copernicus.
2. Explain how Science and technology develop in ancient, medieval and modern era.