



End Semester Examination: April 2024

Total No. of Questions: 3/20

Total No. of Pages: 01

OPEN ELECTIVE
First Year BCA/BSC/BBACA
COURSE CODE: HIS12304

COURSE NAME: History of Science & Technology in The World
(Semester II)

Course Type: Open Elective

Paper: OE3 / OE4

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 labelled diagram wherever necessary.

SECTION: A

Q1 A) Answer the Following (Attempt any 5/7)

[5 X 1 = 5]

1. is the use of scientific knowledge for practical purposes, and for solving problems.
2. What is the definition of Science?
3. Who was the leader of Protestant Movement?
4. Steam Engine was invented by whom?
5. Industrial revolution occurred in which century?
6. What is role Scientific method?
7. is the study of and knowledge about the physical world and natural law.

Q1 B) Match the Following (Attempt any 5/7)

[5 X 1 = 5]

- | | |
|---|-------------------------|
| 1. Universal law of Gravitation | a.) James Hargreaves |
| 2. Spinning Jenny | b.) Newton |
| 3. Earth revolves around the Sun | c.) James Watt |
| 4. Steam Engine | d.) Galileo |
| 5. Telescope in 1609 | e.) Johannes Kepler |
| 6. Three laws of planetary motion. | f.) Martin Luther |
| 7. Figure of the Protestant Reformation | g.) Nicolaus Copernicus |

SECTION: B

Q2) Answer the Following in 100 words.(Attempt any 2/4)

[2 X 5 = 10]

1. Write on the work of Martin Luther.
2. Comment on Copernican Revolution.
3. List any two inventions of renaissance science with importance.
4. Printing press the most important tool of renaissance. Justify.

SECTION: C

Q3) Answer the Following in 200 words. (Attempt any 1/2)

[1 X 10 = 10]

1. Examine the work of Issac Newton in brief.
2. Write on technological innovations of 18th century in detail.