

Total No. of printed pages = 3

63/2 (SEM-4) HIS 401

2023

HISTORY

(Theory Paper)

Paper Code : HIS 401

(History of Science and Technology in India)

Full Marks – 80

Pass Marks – 32

Time – Three hours

The figures in the margin indicate full marks
for the questions.

1. Answer the following questions : 2×4=8
- (a) What do you mean by Technology ?
 - (b) How does solar eclipse occur ?
 - (c) How many plants were depicted on the floral
portraits during the reign of Jahangir ?
 - (d) Who was the first western botanist who came to
India ?

[Turn over

2. Answer the following questions : $5 \times 4 = 20$

- (a) Write short note on Ideas on Universe during Vedic Period.
- (b) Bring out a brief note on Patanjali.
- (c) Write short note on Unani medicine of medieval India.
- (d) Write short note on Moonshee Phase.

3. Answer the following questions : $10 \times 2 = 20$

- (a) Discuss the mathematical knowledge of Indian in the ancient period.

Or

- (b) Write a note on the technology of copper metallurgy in ancient India.
- (c) Discuss the origin and development of Rocket Technology in medieval India.

Or

- (d) How modern science was introduced in India by the colonial ruler ? Discuss.

4. Answer the following questions : $16 \times 2 = 32$

- (a) Assess the works of Aryabhatta in an ancient Indian astronomy.

Or

- (b) Give an account on the contribution of Sawai Raja Jai Sing for the growth of astronomy in medieval India.
- (c) Briefly discuss the origin and development of medical science in ancient India.

Or

- (d) Give an account on Indian response to modern science.