

(6 pages)

Reg. No. :

Code No. : 30615 E Sub. Code : CMHI 62

B.A. (CBCS) DEGREE EXAMINATION, APRIL 2024.

Sixth Semester

History – Core

HISTORY OF SCIENCE AND TECHNOLOGY SINCE
17TH CENTURY

(For those who joined in July 2021-2022)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. Sir Issac Newton belongs to

- (a) England (b) America
(c) Egypt (d) Germany

2. Who is the Father of Microscopic anatomy?

- (a) William Harvey (b) Torricelli
(c) Marcello-Malpighi (d) Ptolemy

3. Who invented 'Spinning Jenny'?

- (a) Richard Arkwright (b) James Hergreaves
(c) Samuel Crompton (d) John key

4. Who is known as the father of scientific surgery?

- (a) John Hunter (b) Joseph Priestly
(c) Cavendish (d) Edward Jenner

5. Who profounded the 'theory of evolution'?

- (a) Kant (b) Corpenicus
(c) Charles Darwin (d) Kepler

6. Who is the real father of electricity?

- (a) Mandeleef (b) Michael Faraday
(c) Priestely (d) Alfred Nobel

7. Who invented X-ray?

- (a) Rontgen (b) Dalton
(c) Faraday (d) Einstein

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8. Who expounded the 'Theory of Relativity'?
- (a) Charles Darwin (b) Einstein
(c) Neil Armstrong (d) Marconi
9. Who is called as "Father of Green Revolution" in India?
- (a) Rakesh Sharma (b) Rajaji
(c) Kurien (d) M.S. Swaminathan
10. Ramanujan is a?
- (a) Mathematician (b) Physist
(c) Physician (d) Biologist

PART B — (5 × 5 = 25 marks)

Answer ALL questions choosing either (a) or (b).
Each answer should not exceed 250 words.

11. (a) Briefly discuss the contribution of Marcello Malpighi in the field of science.
- Or
- (b) Briefly explain the inventions of William Harvey.

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12. (a) Bring out the contributions of Lavoisier to chemistry?

Or

- (b) Write a short note about Edward Jenner and the history of small pox-vaccination.
13. (a) Write a short note about Louis Pasteur.

Or

- (b) Four Famous equations of Maxwell.
14. (a) Analyse the theory of Relativity of Einstein.

Or

- (b) Estimate the uses of computers in the modern world.
15. (a) Summarize the career of P.C. Roy.

Or

- (b) Atomic Energy Commission – Explain.

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PART C — (5 × 8 = 40 marks)

Answer ALL questions choosing either (a) or (b).
Each answer should not exceed 600 words.

16. (a) Describe the Newton's theory of Universal Gravitation.

Or

- (b) Development of Science and Technology in the 17th Century – Explain.

17. (a) Describe the achievements of John Hunter in medical science.

Or

- (b) Narrate the inventions of Hendry Cavendish to Chemistry.

18. (a) Examine the important inventions of John Dalton.

Or

- (b) Estimate the importance of Darwin's theory of evolution.

19. (a) Sketch out the development of Wireless Telegraphy or Radio by Marconi.

Or

- (b) Give an account of the contribution of Marie curie to the development of science.

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20. (a) Srinivasa Ramanujam India's mathematical genius – Justify.

Or

- (b) M.S. Swaminathan is known as "Father of Green Revolution of India" – Explain.

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