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Reg. No. : .....

Code No. : 30126 E      Sub. Code : SMHI 62/  
AMHI 62

B.A. (CBCS) DEGREE EXAMINATION, APRIL 2023

Sixth Semester

History — Core

HISTORY OF SCIENCE AND TECHNOLOGY SINCE  
17<sup>th</sup> CENTURY

(For those who joined in July 2017 onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. In which year the Royal society of London was founded?
- (a) 1662 A.D.      (b) 1664 A.D.  
(c) 1665 A.D.      (d) 1667 A.D.

2. \_\_\_\_\_ is the queen of science and arithmetic is the queen of Mathematics.
- (a) Physics      (b) Mathematics  
(c) Chemistry      (d) Geometry
3. When did Joseph priestly produce Oxygen?
- (a) A.D. 1733      (b) A.D. 1764  
(c) A.D. 1767      (d) A.D. 1774
4. Who Wrote the book 'A Natural History of Human teeth'?
- (a) Edward Jenner      (b) Henry Cavendish  
(c) Joseph Priestly      (d) John Hunter
5. Find out the invention of Michael Faraday
- (a) Physical balance  
(b) Electromagnetism  
(c) The electric motor  
(d) Electromagnetic induction
6. Name the first scientist who defined the atom as the smallest particle of an element
- (a) John Dalton  
(b) Mendeleev  
(c) James Simpson  
(d) William Thomson Kelvin

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7. Who propounded the Photon theory of light?
- (a) Alfred Nobel (b) Rontgen
- (c) Mary Curie (d) Albert Einstein
8. Who did the first practical solution of the Television?
- (a) Zworykin
- (b) John Logie Baird
- (c) Philo T. Farnsworth
- (d) Marconi
9. Where was Bhabha Atomic Research centre established?
- (a) Maharashtra (b) Cochin
- (c) Orissa (d) Tamilnadu
10. Who played a vital role in the green revolution in India?
- (a) M.S. Swaminathan
- (b) Norman
- (c) J.C. Bose
- (d) Verghese Kurien

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PART B — (5 × 5 = 25 marks)

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

11. (a) Explain the contribution of William Harvey to medical science.

Or

- (b) Write a short note on invention of Isaac Newton.

12. (a) Evaluate the importance of the textile industry.

Or

- (b) Describe the services of Antoine Lavoisier.

13. (a) Discuss about Michael Faraday's invention of the electric motor.

Or

- (b) Give an account on Maxwell's famous four equations.

14. (a) Write a short note invention of Marconi.

Or

- (b) Describe the computer generation.

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15. (a) List out the achievement of J.C. Bose.

Or

- (b) Estimate the Missiles programmes in India.

PART C — (5 × 8 = 40 marks)

Answer ALL questions choosing either (a) or (b).

Each answer should not exceed 600 words.

16. (a) Explain the role of Edward Jenner in the growth of medical field.

Or

- (b) Describe the achievements of John Hunter in medical science.

17. (a) Estimate the role of Hendry Cavendish in Chemistry.

Or

- (b) List out the various inventions of Joseph Priestly and explain.

18. (a) The theory of Charles Darwin helps the evolution of human progress - Elucidate the statement.

Or

- (b) Enumerate the contributions of Louis Pasteur.

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19. (a) Describe the role of wireless communications in the modern world.

Or

- (b) Enumerate the contributions of Thomas Alva Edison for growth of telegram and telephone.

20. (a) Ramanujam was India's Mathematical genius - Justify.

Or

- (b) Estimate the achievement of Abdul Kalam.

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