



Total No. of Questions: 4



Enrolment No.....

Faculty of Engineering

Mid Sem I Examination April - 2022

EN3HS01 History of Science and Technology

Programme: B.Tech.

Branch/Specialisation: All

Duration: 2 Hrs.

Maximum Marks: 40

- Q.1
- i. Swatchh Bharat Mission started on. 1
    - a. 02/10/2014
    - b. 02/10/2015
    - c. 02/10/2016
    - d. 02/10/2017
  - ii. This company has launched '#SecurityCheckKiya' campaign in India to create awareness around Internet safety recently 1
    - a. IBM
    - b. Twitter
    - c. Facebook
    - d. Google
  - iii. PM Narendra Modi announced a UPI based app called BHIM. What does it stand for? 1
    - a. Bharat interface for money
    - b. Bharat Ideas for Monetisation
    - c. Bharat Intersection for Money
    - d. Bharat Interface for Monetisation
  - iv. Who is the founder of Indian institute of science, Bangalore? 1
    - a. C V Raman
    - b. Vikram Sarabhai
    - c. Sir A.G Borne
    - d. Jamshedji Tata
  - v. What was the main skill of Indus people in town planning? 1
    - a. underground drainage system
    - b. Administration system
    - c. Political system
    - d. Art and architecture
  - vi. Which of the following is the first step in starting the research process? 1
    - a. Searching sources of information to locate problem
    - b. Survey of related literature
    - c. Identification of problem
    - d. Searching for solutions to the problem

- vii. What is the main aim of PATSER scheme? 1  
 a. Provide financial support    b. Provide technical guidance  
 c. Provide infrastructure        d. None of these.
- viii. CSIR was constituted on 1  
 a. 26 Nov 1956        b. 26 Jan 1956    c. 26 Nov 1942        d. 26 Jan 1942
- ix. The essential qualities of a researcher are 1  
 a. Spirit of free enquiry        b. Reliance on observation and evidence  
 c. Systematization or theorizing of knowledge  
 d. All of the above
- x. Economic growth in India will happen necessarily if there is. 1  
 a. Population Growth        c. Capital Formation  
 c. technical progress in global economy  
 d. All of the above

- Q.2 i. Define Science & Technology ? 2  
 ii. Does science and faith exist together? Justify your answer by giving relevant examples? 3  
 iii. Explain the role of scientist in the society? 5  
 OR 5
- OR iv. Write names of ten Indian scientist with their area of contribution. 5

- Q.3 i. What is DSIR ? 3  
 ii. How you will explain the presence of science and technology in ancient India. Quote some examples. 7  
 OR 7
- OR iii. Name some top R & D organisations of India. With their region of expertise. 7

- Q.4 i. List any five projects completed under PATSER scheme. 3  
 ii. What is CSIR ? Write an elaborated note on the activities and achievements of CSIR. 7  
 OR 7
- OR iii. Write a short note on  
 a. Science and technology education in india  
 b. Technology Missions (any seven)