

Seat No. : _____

MA-122

May-2022

M.B.A., Sem.-IV

Introduction to Science and Technology

Time : 2 Hours]

[Max. Marks : 30

Instructions : Attempt any **Three** questions out of **Five** questions.

SECTION – I

1. (a) Explain steps for scientific research method. 4
(b) Explain development of science in colonial India. 4
2. Write brief notes on following : (any **TWO**) 8
 - (a) New technologies in textile industry
 - (b) Chemical Industry as basic industry
 - (c) Laser and its application
 - (d) Atomic energy
3. Answer any **TWO** from the following : 8
 - (a) What is impact of science on routine human life ?
 - (b) What is the role of society in scientific development ?
 - (c) What is the role of Science and Technology for national development ?
 - (d) How science and technology is helpful to be self-reliant ?
4. (a) What are the advantages and disadvantages of MIS ? 4
(b) Explain development of Management approach system. 4
5. (a) Write a note on Various use of fiber optics. 4
(b) Explain 'E-commerce' and 'E-governance'. 4

SECTION – II

- Attempt any **SIX** from **EIGHT** MCQs : 6
6. (1) The ring laser gyroscope is used for sensing and measuring very small angle of rotation of the moving objects, particularly used by military.
 - (a) true (b) false
 - (c) can't say (d) more information is needed

- (2) 'Geosynchronous satellite' is one type of _____.
- (a) satellite (b) planet
(c) can't say (d) more information is needed
- (3) Amul Probiotic Lassi is example of _____.
- (a) Green biotechnology (b) Red biotechnology
(c) Blue biotechnology (d) Yellow biotechnology
- (4) Tidal power, also called tidal energy, is a form of _____ that converts energy obtained from tides into useful forms of power, mainly electricity.
- (a) hydropower (b) chemical power
(c) mechanical power (d) thermal power
- (5) What is NPPA in Pharmaceutical industry in India ?
- (a) The Act (b) The Authority
(c) The Association (d) The Advisory board
- (6) Some of the major functions of CDSCO are regulatory control over the import of drugs, approval of new drugs and clinical trials.
- (a) true (b) false
(c) can't say (d) more information is needed
- (7) Jute and Coir is segment of _____ industry.
- (a) Pharmaceutical (b) Textile
(c) Chemical (d) Steel
- (8) Medieval India refers to a long period of the history of the Indian subcontinent between the "ancient period" and "modern period".
- (a) true (b) false
(c) can't say (d) more information is needed
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