

## Contents

### Regulars

- 6 To Our Readers
- 12 Editorial

### News and Events

- 14 Nation this Month
- 27 World this Month
- 36 Regional News
- 38 National and International Updates

### Career News

- 46 Employment and Career News
- 46 Forthcoming Competitive Examinations

### Current Affairs

- 47 Sports World
- 51 Science and Technology
- 54 Memorable Points
- 56 Economic Scenario

### Career Article

- 65 Civil Services Exam : Positive Mindset is the Foundation of Desired Success

### Focus

- 67 Jobless Growth in India

### Inspiring Youth : Interviews

- 71 **Leena Chawla**  
Topper—Rajasthan Administrative Services Exam., 2013 (9th Rank—General Women Category)
- 74 **Manu Choudary**  
Topper—Civil Services Exam., 2016 (36th Rank)

### World Panorama

- 76 (i) Rohingya Crisis and India
- 78 (ii) India and Japan : Bullet Train and Beyond

### Personality Development

- 81 Happiness !

### Articles

#### National Security Article

- 83 Terrorism in India : A New Face of War

#### International Relations Article

- 86 A Decade of BRICS : Emerging Challenges

#### Indian Banking Article

- 90 Consolidation of Commercial Banks : Prospects and Challenges

#### International Cooperation Article

- 93 Modi's Visit will Boost Bilateral Ties Between India and US

### Medicine/Biology Article

- 95 Edible Vaccine

### Career Article

- 98 SSB : For Three Wings of the Armed Forces  
What ? How ? and Why ?

### Defence Article

- 103 Major Reforms to be Introduced in Defence Establishments

### Technology Article

- 104 Nano-Optical Transistor
- 106 Information Revolution
- 107 Compendium
- 110 Short Notes for UPSC Examination

### Annual Report 2016-17

- 112 Present Scenario of Research, Development, Schemes and Programmes Related to Agriculture, Cooperative and Farmers' Welfare Sector : Highlights
- 115 Prominent Historical Personalities of India
- 117 Trade and Industry
- 118 Current Questionnaire

### Question Paper

#### Optional Paper

- 121 UGC-NET/JRF Exam., 2016 : **Commerce**

#### Other Papers

- 127 Uttar Pradesh P.C.S. (Pre.) Exam., 2017 : **General Studies-II**
- 134 Uttarakhand Public Service Commission (Pre.) Exam., 2016 : **General Aptitude Test**
- 141 NABARD Grade 'B' Officer Exam., 2017 : **Agriculture and Rural Management**
- 144 Kendriya Vidyalaya Sangathan Trained Graduate Teacher Recruitment Exam., 2017 : **Compulsory Paper**
- 154 IBPS Agriculture Officers Exam., 2016 : **Reasoning**
- 161 Indian Bank P.O. (Pre.) Exam., 2017 : **Quantitative Aptitude**
- 165 Reserve Bank of India Grade 'B' Exam., 2016 : **English Language**

### Your Pages

- 168 Essay Contest
- 170 Debate Contest
- 173 Results
- 174 Concentric Quiz
- 177 Test Your Knowledge

The views and opinions expressed in Pratiyogita Darpan are those of the authors & contributors and don't necessarily reflect those of the publisher or the editor.



## Go Deep Into What You Read

Only those who can dive deep in to the bottomless depths of the seas can garner the precious gems lying scattered there on the sea bed. The meaning is simple : Only those who put in their best efforts into the task they undertake can get what they are craving for. Similar is the case with our studies. We can get at the gold mine of success, if we study dedicatedly, devotedly and with the sincerest of efforts. While it is true in the case of study, one has also to exercise prudence and circumspection to explore what really deserves to be plunged into and what not. We can find greater and greater meaning if we go deep into what we read. Circumspection is an absolute necessity. We must select books which are to be read deeply, and those that merely need a cursory reading. In other words, we have to distinguish between best books, good books and ordinary books. We are at liberty to decide what is best for us. Here again right prudence and circumspection will come to our aid. They will tell us how much devotion we need to give to different kinds of books. The books that are of eternal value and worth should be poured over deeply and assimilated. Ordinary works may be given ordinary attention. The following words of *Francis Bacon* may give us the best guidance : "Some books are to be tasted, others to be swallowed and some few to be chewed and digested."

In a survey conducted among hundred scientists of the world, Albert Einstein has been voted the greatest physicist of all times. Sir Isaac Newton came next, strangely enough no living scientist was included among the top ten.

The survey also votes the three most important discoveries in the field of physics *viz.*, Quantum Mechanics, Newton's Mechanics and Gravitation and Einstein's Theory of Special Relativity. These theories not only revolutionised the whole thinking process in physics, but also provided a framework so deep and universal that all subsequent theories in physics are fitted in their framework.

There can be seen two special factors common to these three discoveries—they try to establish a relationship between matter and energy and all the three lead to a greater appreciation of the mysterious nature of the world.

According to Einstein the whole universe worked according to the immutable law of 'cause and effect', which was very simple and beautiful. His energy equation  $E = mc^2$ , is equally simple and beautiful.

How did Einstein visualize the world and man and matter and energy relationship so simple and beautiful ? Einstein met Rabindranath Tagore more than once. Once in a flash, his consciousness reached the Buddhic plane and realized that Rabindranath Tagore was the most

beautiful man in the world. Obviously, physical beauty was not at all the parameter of Einstein's assessment of Tagore but the beautiful man inside. This inspired Einstein to try to realize the inner value and meaning of every person and everything. He also realised that beauty hidden in the universe was bubbling with material energy.

The laboratory of the human mind, if sufficiently developed by delving deep into what we see and read, opens up new vistas of knowledge and relationship.