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Flora and Fauna Sustains Human Life



Bro. Antony Raj CSC
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The plants and animals play an important role in the lives of human beings. In fact, they are the primary producers of food for human beings and without them, our existence is not possible. The plants and animals are otherwise called Flora and Fauna. They originate from the Latin word. Flora in Latin means the 'goddess of the flower.' It is the root of the word floral which means pertaining to flowers. On the other hand, the name Fauna also comes from Latin origin and refers to a Roman goddess of earth and fertility.



According to Roman mythology, Fauna is the sister of Faunus, a good spirit of the forest and plains.

What is Flora? The population of plant life, the natural vegetation including fungi, algae and indigenous plants in a particular geographical region or time is called flora. In science, Flora refers to plants' life and represents the entire plant kingdom. Some plants grow in deserts, some grow in hilly regions and some grow in water and some grow in plains make up the flora. They adapt themselves to the specific topography and modify their nature to produce food and protect themselves from predators. According to the report found in Google, India has an estimated 45,000 species of plants, out of which 33% are native. There are 15,000 flowering plants, 6% of the world's total. The saddest reality is that about 3000 to 4000 plant species are believed to be in danger of extinction.

What is Fauna? Fauna is nothing but animal family, consists of a wide variety of animal lives. Birds from pheasants to a vulture, mammals from mouse to bison, worms to reptiles, insects, soil and water fauna, etc. all inter-related species fall under the category of fauna. The total forested area in India is about 63.73 million hectares. These forests supply a wide variety of resources. They provide structural timbers and wood for making furniture and pulp, match wood, and wood for charcoal, gum, resins, canes and fibres. Besides these, there are many other forest products such as leaves, fruits, tan dyes, medicinal herbs, bee wax, honey, turpentine oil and lac.

According to statistics currently India is home to about 390 species of mammals. 210 amphibians, and 455 reptiles. India is inhabited by a wide variety of animal life, including almost 5,000 species of larger animals.

Cat family—including the tiger, panther, Asiatic lion, Asiatic cheetah, snow leopard, jungle cat,

and clouded leopard—live in some areas of India. Most of these species are under threat of extinction. Elephants roam the lower slopes of the central and eastern Himalayan foothills and the remote forests of the southern Deccan Plateau. Other large quadrupeds (four-footed animals) native to India include rhinoceroses (under threat of extinction), black bears, wolves, jackals, dhole (wild Asian dog), wild buffalo, wild hog and several species of monkeys live throughout the country.

The Role of Flora and Fauna in the Ecosystem

The maintenance of ecological balance highly depends on flora and fauna. They are responsible for producing Oxygen and releasing carbon dioxide and are also important components of the respiratory system of humans. A wide range of medicines are extracted from flora and fauna to treat human ailments. The ecology gains strength when nature is protected and promoted. We attract tourists when we maintain a variety of biosphere reserves, zoos, botanical gardens, national parks, forests, sanctuaries, and a large collection of flora and fauna; in fact, it becomes an inspiration to all those who pay a visit to man-made parks. Thus, it brings a huge revenue to the government and boosts the economic value.

Death and Resurrection of Forests

The ruthless destruction of forests is due to the avarice of mankind. There are very many reasons for the destruction of forests such as overgrazing and forest fires often destroying forests, secondly, the reckless cutting of the trees and thirdly, Jhum cultivations destroy forests and invite soil erosion. However, some factors involved to protect forests in order to promote flora and fauna for the sustenance of human life. To preserve the forests the government of India has taken up a series of programmes such as; a) The forests are declared as Reserved Forests. b) The government has chalked out a good programme of 'Van Mahotsava'. c) Thousands of trees are planted every year in the months of July and August to promote new forestation. d) The Forest Research Institute has been up at Dehra Dun for the promotion and preservation of the forest's property. e) Heaven for wildlife enthusiasts India is a land of the mighty tiger, the graceful peacock, the beautiful King Cobra and the great elephant.



Ruskin Bond on Flora and Fauna

Ruskin Bond is a genuine nature lover; he celebrates nature all through his life in its fullest form. He vividly and extensively speaks about the wonderful world of flora and fauna. He has a great love for trees, orchids, flowers and plants. He says "I am no botanist, I prefer to be the butterfly, perfectly happy in going from flower to flower in search of nectar." Bond not only enjoys writing about nature but also loves the person who plans, grows and nurtures it. He loves those people who are close to nature. Bond is often emphasis on planting trees. He says "Let us also earn the blessings of future generations by planting not only more peepal trees which are quite capable of looking after themselves but all kinds of trees for shade and shelter, fruit and flower, beauty and utility."

Bond in his book "All Creatures Great and Small" speaks about pet animals, animals that were grown in his grandparent's house. His grandfather is very fond of animals; for they are harmless creatures, and they need to be loved and cared. If animals are sold in the market; he will purchase them immediately, be it Cat, Monkey, tortoise, snake etc... Ruskin Bond was very supportive to his grandfather in looking after the animals. Many plants and animals, seeds and eggs give us life. Thus, it is the moral responsibility of every individual to love, preserve and promote the pristine purity of nature.

- Bro. Antony Raj CSC
Director





INTERNATIONAL DAY OF FAMILIES

"Families are like branches of trees. We grow differently, but our roots remain the same"

Every year on the 15th of May, the International Day of Families is celebrated. The major goal of honouring International Day of Families is to raise awareness of the importance and value of family.

The United Nations states that "this annual observance reflects the importance which the international community attaches to families as basic units of society as well as its concern regarding their situation around the world. The International Day of Families provides an opportunity to promote awareness of issues relating to families as well as to promote appropriate action. The Day can become a powerful mobilizing factor on behalf of families in all countries, which avail themselves of this opportunity and demonstrate support of family issues appropriate to each society."

Family is very important in our life, mainly it helps us to feel secure, it provides us support, security and love. It also offers us a feeling of having someone in life with whom, one can share our problems.

This day helps in promoting the significance of families and their welfare, such as education, gender, equality, health, rights for children and social inclusion among others. This day also helps in highlighting few issues related to the circumstances of the Families. Undoubtedly, over the years, the International Day of Families has inspired numerous nations across the world to spend quality time with their own families and bring attention to family issues.

Charan Gouda
Electrician - II Year





INTERNATIONAL LABOUR DAY



In India, the first May Day was celebrated on May 1, 1923, in the Madras (now Chennai). It was organised by the Labour Kisan Party of Hindustan. While most sources, including the U.S. Department of Labor, credit Peter McGuire with the origination of Labor Day, recent evidence suggests that the true father of Labor Day may, in fact, be another famous union leader of the 19th century, Matthew Maguire.

International Workers' Day, also known as Labour Day in some countries and often referred to as May Day, is a celebration of labourers and the working classes that is promoted by the international labour movement and occurs every year on 1 May, or the first Monday in May.

The theme for Labor Day is Universal Social Protection to End Child Labor. It urges the protection of children from forced child labour and attracts investments in social safety nets. The first Labour's Day was celebrated in 1923 in Chennai. This day was observed by the Labour Kisan Party of Hindustan.

Labour Day is set to celebrate the hard work and achievements of the labour group. This is one day that is entirely devoted to the labour class. Many countries celebrate this day on a different day. However, in maximum countries, this day occurs on the 1st of May which happens to be International Workers' Day.

Karthik Pednekar
Electrician – 1 Year





MOTHER'S DAY

"God could not be everywhere and therefore he made mothers "

Mother's Day is a special day and an occasion celebrated worldwide by most families. On this day, we try to express our love, respect, honour, and gratitude for our mother. On this day, society acknowledges all the contributions and efforts of mothers. for the unconditional love, our mothers give us, and we can never be grateful enough, let alone ever repay. We share a strong maternal bond with the woman responsible for our upbringing.

Most children are excited about Mother's Day because, on this day, they can force their mothers to take a rest from their busy life. Children request their mother to spend the whole day with them while children work to show their love. It doesn't necessarily mean being a mother; an individual has to give birth to a child. It is the nurturing and love that is given to a child by a female, or a feminine-gendered individual provides as they take the responsibility for a child that makes them a mother. The person who makes us realize God's presence in every one of our lives is our mother. She is that sole being who has more trust in us than the trust we have in ourselves. Our coming into existence is the blessing of our mothers.

No one else is as worried about our health and well-being as our mother. We all remember those countless nights when our mothers did not leave our side for instance when we needed them. It is truly a shame for those who do not value their mother as they should. We should all strive to make our parents, especially our mother, happy by following her teachings and becoming a good and successful person.

Ramesh Honnayya Naik
MMV - I Year





WORLD LAUGHTER DAY

The celebration of 'World Laughter Day' is a positive manifestation of world peace and is intended to build up a global consciousness of brotherhood and friendship through laughter. It is most often celebrated by gatherings of people in public places with the sole purpose of laughing. It improves positive emotion, strengthens the immune system, stimulates cognition, reduces stress, and improves positive coping. Here are a few ways to incorporate laughter into your daily life.

Laughter increases oxygen intake and blood circulation, which is important to energise our hearts and muscles. Laughter releases endorphins which lift mood and soothe the pain. Laughter reduces muscle tension across the body and helps us feel more physically relaxed.

You have probably heard the saying, "Laughter is the best medicine." Even psychologists and medical doctors say there is truth to this statement. That's because there is evidence that laughter can do so many wonderful things. Here are just some of the many benefits of laughter:

- Helps to reduce pain and allows people to tolerate discomfort
- Reduces blood sugar levels and increases glucose tolerance
- Improves job performance
- Makes marriages and intimate relationships healthier
- Synchronizes the brain of speakers and listeners
- Restores a positive emotional climate between two people
- Helps blood vessels function better, which is good for the heart and brain
- Relieves stress and helps the body to relax

Richard A Leema
Electrician –I Year



**YOU CANNOT
GIVE LIFE
BUT CAN
SAVE
LIFE**



INTERNATIONAL RED CROSS DAY
8TH MAY

WORLD RED CROSS DAY

World Red Cross Day is celebrated on 8th May each year. This day is the anniversary of the birth of Jean Henry Dunant, born on 8th May 1828. He was the founder of the international committee of the Red Cross. The idea for an annual action that would take hold in the whole world that would be a major contribution to peace was introduced just after World War 1.

This day is dedicated to the people who suffer from the shortage of food, several natural calamities, and epidemic diseases. Basic amenities are also provided to the people who are really in need. Many government and private organizations become active members to help needy people who suffer from several disasters. It is the time to celebrate the spirit of humanitarianism and recognize the individuals who make a difference in their communities.

The main functions of the Red Cross are

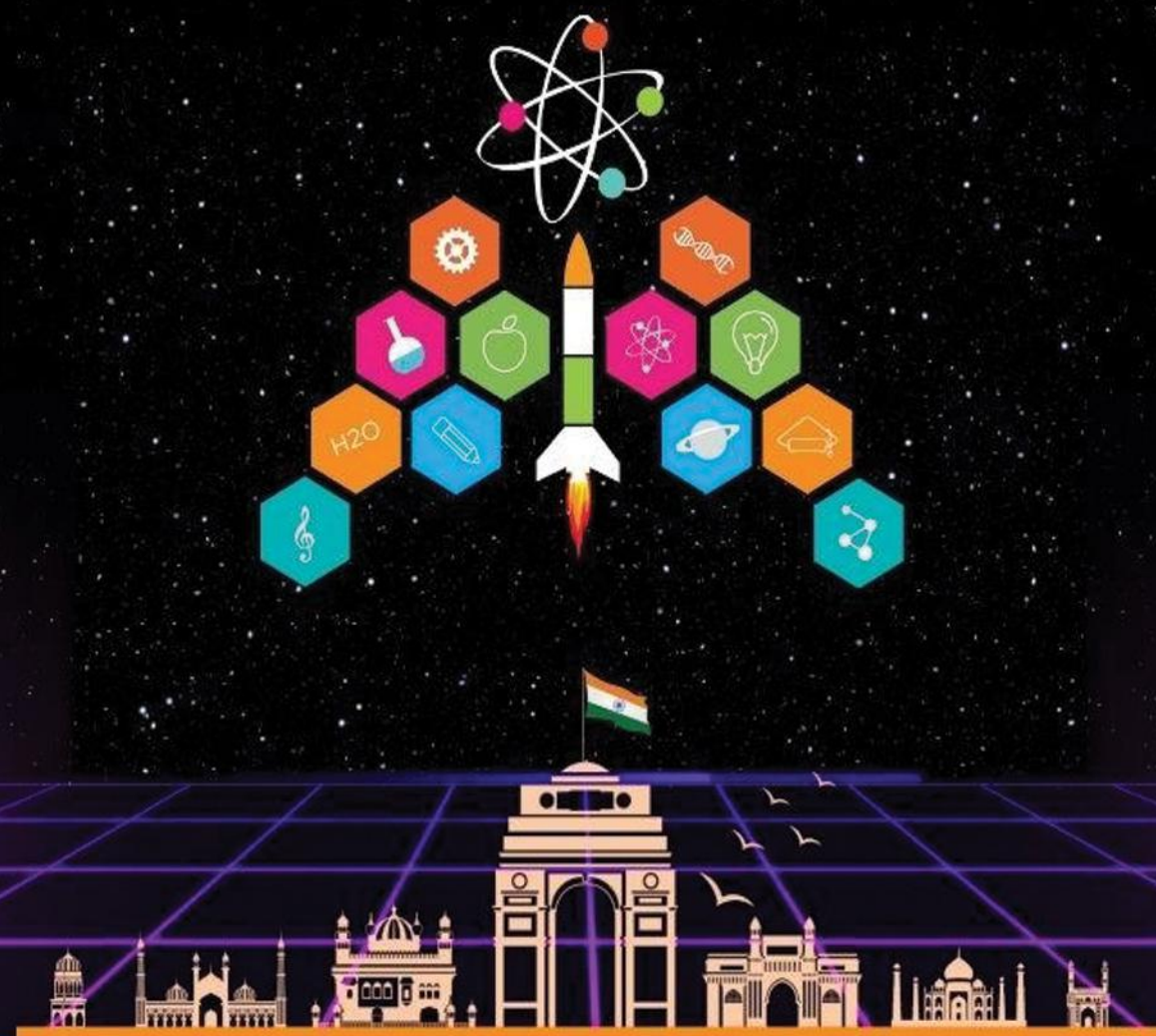
- To extend relief and help to the victims of any calamities such as fire flood famine earthquake etc
- To produce and supply blood for the victims of war and other calamities.
- To extend all possible first aid in an accident.
- To educate people in accident prevention.

In India, the society's mission is to provide relief in times of disasters or emergencies and promote health and the care of vulnerable people and communities. It has a network of over 700 branches throughout India. The society uses the Red Cross as an emblem in common with other international Red Cross societies. We, the youth of India, should join hands with right across society to help and uplift the poor. As a human, it is our main responsibility to contribute to society.

Preetham Achari
Fitter-1 year



National Technology Day



NATIONAL TECHNOLOGY DAY

National Technology Day is observed in India every year on May 11th commemorating India's achievements in the field of science and technology. This day marks the successful underground nuclear test that was conducted on May 11th, 1998 at the Pokhran test range in Rajasthan, India. The Pokhran IV tests were a series of 5 nuclear bomb test explosions conducted by India at the Indian Army's Pokhran test range in May 1998, The test was performed. Under the leadership of Prime Minister Atal Bihari Vajpayee and they established India as the nuclear power in the world.

On National Technology Day, India recognizes the contribution of its scientists and engineers in the field of science and technology. It is celebrated to encourage and inspire young minds to take up science, and technology as a career option. The day is also an opportunity to highlight the importance of science and technology in India's overall development and progress.

National Technology Day celebrations include seminars, exhibitions and conferences that showcase India's achievements in science and technology. The government also honours scientists, engineers and other professionals who have made significant contributions to the field of science and technology. It is a day to celebrate India's scientific achievements and inspire the next generation of Scientists and technologists.

Rehan Hassn Khawaja
MMV 1st Year

