

Introduction

Due to the development of science and as a result of various researches and explorations new inventions have emerged. Accordingly, man is persuaded to produce technical equipments in order to ease his needs. Technology is needed to man to make his work easier. Several changes have been executed in different fields of economy by technology. They may affect human life in an unfavorable manner as well as in a favorable manner. Therefore, being aware of these timely changes is a must.

By Studying this chapter that discusses about the contemporary changes, the following competencies can be developed;

- Technology
- New technical tools
- Ways how technology affects human life favourably and unfavourably.
- Importance of the adaptation of appropriate technology
- Contemporary changes occur in the economy
- To work according to such changes
- Job market and its trends
- Qualifications that should be completed for new employments
- Necessity of a proper life-style with co-existence and well-being when working with competitive world
- Co-operative Movement, its tasks and services
- Develop competencies to act as a member of the global village by protecting localism and adhering to the contemporary changes

2.1 Changes in technology and responding to them

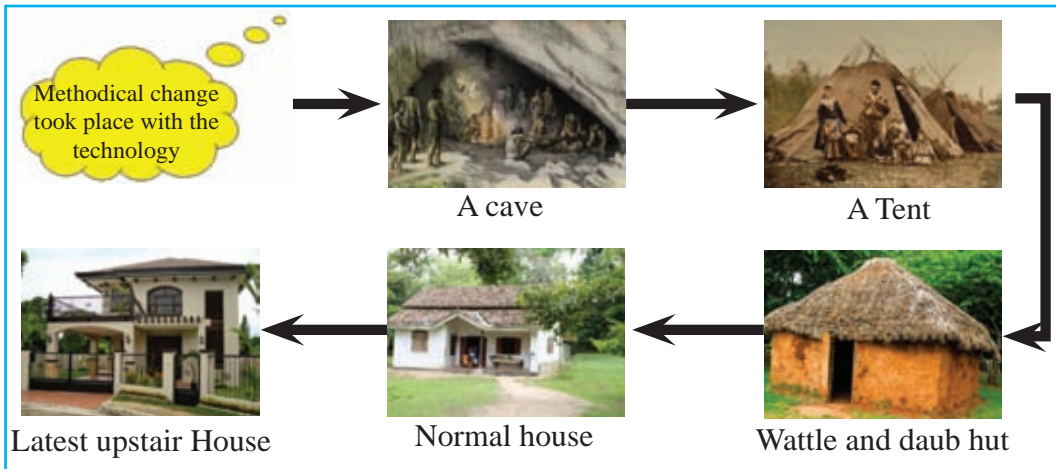
2.1.1 Introduction to technology

Man has been using various techniques to make his work easy. He had a motivation for it by birth. Accordingly, **the methodology man utilizes to make his work easier** can be simply introduced as Technology.

2.1.2 Changes in technology

With the down fall of feudalism, man tends to use books. It directly influenced to develop the thinking power of man. As a result of that, science and technology began to develop systematically. It is a pleasurable factor that the world is gifted with new inventions in parallel to that. **Technological changes means the changes of methodologies that are used to make human need easier.**

Man who lived in hunting era used stone tools to fulfill his activities. But later they developed systematically. Life of the past man was simple. So, he used a natural cave which was a wonderful creation of nature itself as his shelter. But with the development occurred with new inventions and technology he had to change systematically. As a result of that, man who lived in a cave, has made high luxury mansions which have been built using the most latest methods at present as his habitat.



With the development of technology, human needs too have become complex. The result of it, was the endowment of more electronic equipment to the world in place of old stone tools. This could be easily understood when we compare the equipment that have been used in the past kitchen with the present kitchen.



Kitchen of an old house



Kitchen of a modern house

2.1.3 New Inventions through explorations and researches

With the gradual development of population, human needs also developed. Need for efficient tools arised to get these needs fulfilled. As a result of the industrial revolution that took place parallel to it in 18th century endowed more new inventions to the world. It is not a secret that, explorations and researches conducted then were a great boon to it. **The study that is conducted to find some solutions to a problem following scientific methods is a research.** Exploration and researches fulfill a specific task in present day world. Accordingly, human needs too have been widened. Need arised for modified tools to fulfill them. It is more apt to introduce this as the most powerful factor that influenced to the origin of technical productions.

2.1.4 Social changes that occur with the changes of technology

According to the studies conducted from past to present it is clear that several changes have occurred in technology. Due to these changes, more changes have occurred in various fields of the society too. Several changes that occurred in the society are shown below;

- Change of the consumer pattern of man
- Origin of more new employments
- Origin of new styles
- Origin of the methods of modern medical treatments
- Change in the production and usage of food and beverages
- Change in the ways of spending leisure and recreation
- Expansion of social relationships and acceleration of them
- Declining of ancient traditional methodologies
- Change of the thoughts and wishes of people

- **Favourable and unfavourable effects caused the technical changes**

Though the technical changes are needed, there are favourable and unfavourable effects due to the excessive use of it in compulsory manner by man.

Favourable effects

- Works becoming easy
- Saving time
- Minimizing the wastage of resources
- Increase of productivity
- Increase of efficiency
- Expansion of human and social relations

Unfavourable effects

- Human needs become complex
- Adaptation of man to unnecessary consuming pattern
- Mechanisation of people
- Society become complex
- Acceleration of environmental pollution
- Man subjecting to different diseases
- Collapse of social relations

2.1.5 Importance of utilization of technical changes as a creative citizen

Results that can be achieved by utilizing the technology for the benefits of man are immense. The below mentioned saying makes us understand that the utilization of technology in creative manner for different activities is apt.

The nation that doesn't build new things doesn't rise

Kumarathunga Munidasa

The above sentence shows that technology is necessary and it must be utilized creatively. Kumarathunga Munidasa emphasizes that individual and social development can be dawned through it.

Some instance the technology is used today are given below:

- For various domestic needs
- For multi-service necessities. (education, transportation, communication, hygienic)
- For leisure and recreational activities
- For the building up social relations
- For the creation of new inventions
- For the acceleration of production efficiency

2.1.6 Appropriate technology

Appropriate technology is using technology to suit the social, economic, cultural and environmental conditions of the country. Using machinery to maximize the use of human labour in a country where human labour is in abundance can be cited as example. There are two important things that should be focused in using technology; advancing towards industrialization, preserving traditional industries and expanding technical needs bearable to the country.

2.1.7 Benefits of using appropriate technology to establish sustainable development

Sustainable development means long-lasting and endurable development. Development that is conducted without destroying the resources that are necessary for the needs of future generations while resources are used for the present day activities without damaging the environment is called sustainable development. The development process should get the maximum benefit of resources while avoiding wastage of resources.

Given below are some benefits of using appropriate technology for sustainable development:

- Avoiding wastage of resources
- Ability to take maximum use of labour resources
- Minimizing environmental pollution
- Ability to maintain a balanced environment
- Bearable for the economy of country

Activity 2.1



1. Complete the following table by identifying the technical equipment used at your home.

Technical equipment	Uses
A	1
	2
B	1
	2

2. Facebook, Instagram, LinkedIn are some of the social networks that are famous today. Personal relationships are widened by these. There are social welfare activities conducted by social media such as; educational programmes, tree planting programmes, helping kidney patients, building houses. There are some adverse effects of this social media too. Mention two such instances and two ways of avoiding them.
3. State unfavourable effects that have occurred with the change of technology.
4. Suggest actions that can be used to minimize them.
5. Explain briefly the importance of new inventions when fulfilling day to day activities.

2.2 Adaptation to the changes in economy

2.2.1 Economical changes with technology

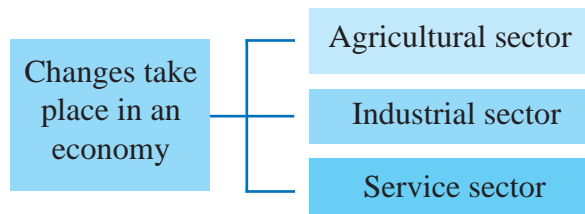
Resources in the environment are used to fulfill the unlimited and complex needs of man. These resources exist very limited in the environment. Man has been persuaded to produce goods and services using these limited resources to fulfill his needs since the ancient times. Accordingly, the three main processes that occur in an economy of any country can be identified as:

- Production
- Distribution
- Consumption

Production means changing economical resources to fulfill the needs of human. Conversion of existing resources into goods that are compatible with human needs using labour and techniques takes place in the process of production. The main process that takes place there is the conversion of raw materials into finished products.

The process of providing manufactured goods and services up to the consumer is **distribution**. Transportation is a compulsory factor for it. Fulfillment of human needs by using goods and services produced in an economy is **consumption**. Above mentioned three processes are compulsory for the existence of an economy.

The changes that take place in an economy can be considered under three sections:



2.2.1.1 Contemporary changes take place in the agricultural sector

Sri Lanka is a country which has made agriculture as its livelihood since past. There the paddy cultivation as muddy-cultivation (Mada Govithana) received a prominent place. Chena cultivation as land cultivation (Goda Govithana) also was popular. Apart from that the agricultural sector consists of the cultivations like vegetables, fruits, tubers, cereals and spices too.

With the arrival of the Westerners, plantation began to be popular in Sri Lanka. There, Tea, Rubber and Coconut occupied a special place as commercial crops. But they existed as primary productions. With the speedy development of the technology, a noted development could be seen in the local agricultural sector too. At present, more modern changes has taken place in association with this could be seen:

Examples -

- Use of machinery for preparation of land, planting, harvesting, etc
- Use of chemical fertilizers and pesticides
- Introduction of hybrid seeds and tissue-culture plant varieties to get short-term harvests
- Use of gene technology
- Utilization of new methods in irrigation
- Use of modern methods of cultivations and greenhouse cultivation
- Diversification of productions

Use of modern technology in agriculture



Preparation of land



Planting



Harvesting

Use of chemical fertilizer and pesticides are used in agriculture



Use of fertilizer



Use of pesticides

Use of modern irrigational methods



Drip irrigation

Modern methods of cultivation



A Green house



Hydroponics

Diversification of tea productions



2.2.1.2 Changes occur in the industrial sector

The results of modern technical inventions have been used mostly for the development in the field of industry. Because of this, products which were given great efforts to produce can be produced today at a lower time with greater quality with the use of developed machinery.

Results of them are:

- Existence of division of labour and specification
- Origin of assembling industry
- Origin of high – technical industry
- Employing robot technology in the process of production
- Use of electronic and nano technologies
- Production of machineries and accessories necessary for explorations and researches (satellites and space crafts)

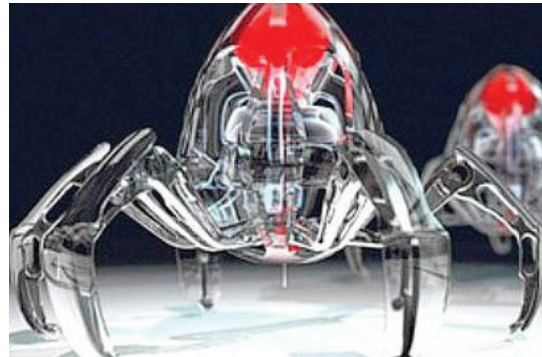
Due to this, a rapid development took place in such sectors.



Vehicle assembling industry



Transparent solar panels that can be used as house windows



Nano scale robotics used in industry (Enlarged image)

2.2.1.3 Changes occur in service sector

At present, the service sector occupies a special place in an economy. Services are supplied at different levels from the production of goods up to consumption of them. Here, services are provided with different fields like education, health, banking, insurance, transport and trade. In the supply of such services, use of technology and its changes have occurred immensely.

How Education is influenced by technology

Minoli - In the past, children in the village received education from the educated elderly persons of the village. It was called '**Guru Gedara**'. Later the education was given in temples and Pirivens. The writing on **Veli Pella** (Sand Board) was commonly used. After that it was changed into slate.



Sand Board

Pavithra - The formal schools in Sri Lanka were established during the period of Europeans. The main items used in the school were black board and chalk.



Slate

Pabasara - Now look at our school. How many facilities are there to learn? The modern equipment like radio, television, overhead projector, multimedia projector and computers have become a massive strength to us in education. haven't they?



Over Head Projector

Azfak - Use of technology in education has become a major part at present. we have received a possibility of learning courses in other countries in the world through the internet.



**Multi-media
Projector**

kalindu - Latest introduction is 'e-learning'

supuni - Not only that, more facilities have been offered at present by various explorations and researches in education. I feel that the rapid development in technology is the main cause for this.

Health

Health service too has been widened with modern technology. The fields like diagnosis of diseases, treatments, production of pharmaceuticals, etc. have experienced a rapid development. Medical equipment that can be used to perform even very complex operations more easily have been invented. Due to the abundance of X-ray machines, CT scanner machines, etc. which are necessary to examine the patients, provision of services in the field of health has reached a higher level.



Scanning machines

Banking

Banking services conducts transactions in day to day activities of man more easily. Possibility of depositing one's money safely as well as withdrawing them back when needed has been provided through this. At present, the possibility of carrying transactions, using teller cards and without collecting money here and there, has been dawned. By the introduction of Automated Teller Machines, an extra safety is provided for money. Services can be easily fulfilled, locally and internationally, through e-banking system. As well, by using modern technical equipment, money counting, forge currency, forge cheques and forge signatures can be identified.



Development of transportation through technology

Nikil - At the early age, people went their journeys on foot. Later, animals were used. With the invention of wheel, people were motivated to use different types of vehicles. It has developed up to the most sophisticated vehicles at present.



Caravan

Nimasha - Transportation occurs in several modes: they occur on land, on water and in air. Super-luxury liner ships as well as aeroplanes can be seen.



Modern motor car

Hansintha - Not only that. The aeroplanes with large number of passengers on board and also with thousands of kilos of cargo fly in the sky very lightly. When we see how the ships are loaded with thousands of container boxes sail on the sea, feel amazed as well.



Passenger ship

Harsha - At present, various modern methods are used in cargo transportation as well as in passenger transport.



Air craft

Ashen - Is there a big service done in passenger transport by busses, isn't it? As well as, long flight aeroplanes, driverless vehicles and eco friendly vehicles too are popular now.



Modern bus

Dayal - Railway transport in the world is very popular. As well as the passenger railways, the railways that transport goods too render a massive service. See, how marvelous the development of technology utilized, for the benefit of man?



Express train

Effect of technological development to communication

Tharindu - Do you know that in the past people "hooted" to send a message to a distant person? Then the one in the distance, understanding the messages returned an answer by hooting



Setting bonfire

Avishka - Not only that. I have heard that people in the past setting bonfire, sending drum-beaters, shooting the ola-leaves on which message is written and using bows and arrows were also messages.



Sending messages via-birds

Pathum - Today we are more developed, friend! Now we can do all of them through mobile phone

Viran - As you shout so much, tell us that who invented telephone

Pathum - Oh.... It is simple. I have heard Alexander Graham Bell.



Telephone developed by Alexander Graham Bell - 1875

Avishka - Pathum is very clever, isn't he?

Tharindu - Yes, it is true, he reads a lot. By the way, do you know that cable telephones, cable less telephones as well as mobile phones with more facilities are used at any amount?

Layanthma - Why? Telemail, express mails too are available now.

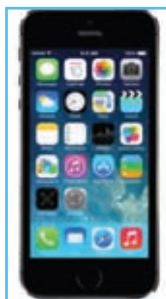


Telephone

Ashan - That means, the communication has developed even beyond our imagination. Anyone in the world can be contact within several seconds using internet, satellite technology, skype, viber, blogs etc.



Use of satellite



Modern mobile phone



Fax machine

For free distribution

2.2.2 The influence on individual and society from the various changes occur in the economy

We have identified that many changes have taken place in the economy due to all the factors mentioned above. These changes create different influences towards individual and society.

Some examples given below:

- Individuals addicting to unfavorable consuming pattern
- Tending to a life pattern that does not withstand with economy
- Getting used to wrong behavioural patterns
- Urbanization
- Environmental pollution
- Mechanization
- Occurrence of mental depressions
- Occurrence of diseases that cannot be diagnosed

Due to this, though whatever changes occur in the economy, we must be conscious to adapt to these contemporary changes in appropriate way. There,

- Identifying one's needs and use of appropriate technology accordingly
- Not becoming a slave to technology
- Apt adaptation to the changes take place in the economy

Exercise 2.2



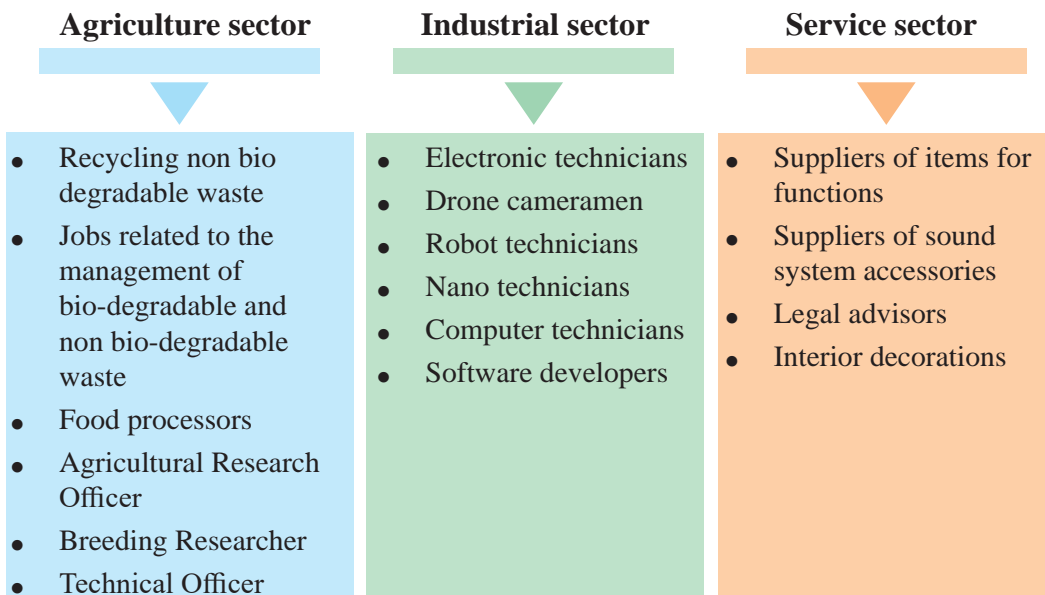
1. Name environmental problems that have erupted with the modern technology found in your area.
2. State your suggestions to minimize those problems.
3. Introduce what is "appropriate technology" and explain why it is more important for present.

2.3 New Trends bound with Job Market

2.3.1 Identifying new trends bound with job market

All the employment opportunities available in the society are called the **world of work**. The demand for the employment opportunities available in the world of work and suitable supply for it can be simply defined as "Job Market". Chances for employments in present day world are in abundance. But, lack of skilled workers for these job opportunities has become an acute problem faced by many countries in the world. Because of this, identifying job opportunities available in the job market is important. Meanwhile, continuous awareness about the timely trends present in the job market is a must. As well, completing the necessary qualifications for them is also compulsory.

Many jobs have emerged in different fields of the present society. They can be shown classified as follow;



Recently, completion of different extra qualifications has become a compulsory factor in the job market.

With the contemporary changes, the demand prevails in the job market for various jobs too has changed. Factors that have influenced for it are shown below:

- Human needs being complex
- Gradual increase of the crowd receiving education

- Arrival of various machineries in the place of human labour
- Growth of labour force with the growth of population

When the attention is focused on present job market, it becomes clear that it consists of two main sections:

- **Local job market**
- **Foreign job market**

By today, a very competitive job market has been created for both local as well as foreign sections. Therefore, it is important, to accomplish relevant educational and vocational qualifications from the schooling age itself.

2.3.2 Employments that are open through new trends

There are many modern employments that have emerged under the influence of new trends in the job market. The following are some examples for them:

- | | |
|--|--|
| <ul style="list-style-type: none"> ● Data processors ● Software engineers ● Horticulture technicians ● Genetic engineers ● Fashion modelers ● Graphic designers ● Translators | <ul style="list-style-type: none"> ● Flower cultivators ● Architects ● Ornamental fish breeders ● Media men ● Function organizers ● Data Analysts ● Counsellors |
|--|--|

It can be noticed that the job opportunities in the world of work has been expanded with the advancement of technology. Being aware of this is important to enter the job market in future.

It is important to focus on the following in completion of qualifications for job market with new friends:

- Training on new technical equipments
- Knowledge on computer
- Willingness to be trained further
- Dedication to provide the service in additional time
- Flexibility
- Fluency in many languages (Eg - English, Tamil, Chinese, Russian, Spanish, Korean, Japanese, French, etc.)

Activity 2.3



1. Find and name the new employment opportunities emerged with the change in the technology in the field of agriculture, industrial and service using newspapers or internet.
2. Now you are a student of Grade 9 but in future you too will have to step into the job market. Name the employment you hope to engage in and briefly describe the service rendered by it for both you and country as well.
3. Prepare a booklet on "Nano Technology" which is the latest revolution in the technology.

2.4 Acting in co-existence in competitive world while promoting well-being

2.4.1 Well-being

“Living righteously is well-being” Or else, leading a righteous life earning wealth in legal means without disturbing others is well-being. You might have read the poem “Sirimath” contained in the first book of “Shiksha Marga” composed by Munidasa Kumarathunga, who is a doyen of Sinhalese writing. Following are some poems cited from it. Sing this all together.

සිරිමත් මගෙ	සකි		
යහපත්	මුමයෙකි		
නුවණක්	ඇත්තෙකි	වැඩිහිටියන්	හට
වැඩටත්	සමතෙකි	දන්වා නිසි	කොට
උදය ම	පුබුද්දී	කටයුතු	කරනට
මුහුණට දිය	දී	කැමති ය හැම	විට
කුල දෙව්	නමදී	සොද දේ	සිතූමත්
ගේ දෙර	අමදී	සිතූ දේ	කීමත්
පාඩම්	කරනට	කී දේ	කැරැමත්
පත පොත ගෙන	සිට	නොහරී	සිරිමත්
සිත වෙන දෙය	කට		
නොහරී කිසි	විට		

ශික්ෂා මාර්ග පළමුවන පොත

Given below is the English paraphrase of the above Sinhala song;

Sirimath is a virtuous boy.
He is intelligent and clever.

He gets up early in the morning.
After washing his face
He worships his parents.
He sweeps the house.

When he takes books to study
does not send his attention away
on unnecessary things.

He always likes to do any work
after informing elders.

Sirimath does not hesitate to
think good things to say what he
thinks and to do what he has said.

First Book – Shiksha Margaya



Given below is the paraphrase of the above poem in Tamil Language;

சிரிமத் என் நண்பன்
நல்லதொரு சிறுவன்
அறிவும் உடையவன்
ஆற்றலும் உடையவன்



அதிகாலையில் எழுந்து
பல்துலக்கி முகம் கழுவி
குலதெய்வத்தை வணங்கி
வீட்டு வேலைகளிலும் உதவிடுவான்

பாடந்தனைப் படிப்பதற்காய்
புத்தகத்தைத் திறந்தே
மனதையெங்கும் அலைபாயவிடாது
புத்தி மேலோங்கவே படித்திடுவான்

மூத்தோரிடம் எதையும்
முன்கூட்டியே கேட்டு
வேலைகள் செய்திடவே
விரும்பிடுவான் எப்போதும்

நல்லதை நினைப்பான்
நினைத்ததைச் சொல்வான்
சொன்னதைச் செய்வான்
என்றும் எங்கள் சிரிமத்

சிக்ஷா மார்க் (போதனா வழி) முதலாம் பாகம்

Pay your affection to the following song that shows the necessity of well-being:

මගේ සිත කැන්පත් ය කැන්පත් ය කැන්පත් ය
මගේ සිත පිවිතුරු ය සන්සුන් ය කැන්පත් ය
ආදරය කරුණාව දයා උතුරා ගලන
මා සිතෙහි ශිල්ප හා ගුණ දහම් ඇත රැඳී
ගුරු දෙගුරු හිත මිතුරු හා අවට සියලු දෙන
මා හැදෙන සැටි බලා සිටිති ආදරයකින්
මගේ සිත කැන්පත් ය කැන්පත් ය කැන්පත් ය...//
පරිසරය මා රකී රකිමි මම පරිසරය
ලෝකයට බර නොවී වැඩ පිණිස මම හැදෙමි
වාසනාවන්ත වූ අනාගතයක් කරා
පාසලින් මග දකින හොඳ ම දරුවා මමයි.../////

පද රචනය :- සමරවීර වීරවන්ති
ගායනය :- නාලනී රණසිංහ

Given below is the English paraphrase of the above song:

My mind is Sober ...
My mind is pure, calm, sober
In my mind where love, kindness and mercy over flows
Skills and virtues remain.
Parents, teachers, friends and all around me
Observe me with love how I grow
My mind is sober ///
I protect the environment, environment protects me
I will grow for the benefit of the world
Without being a burden to it, I grow for work
I am the best child enlightened from the school
To get a future with success ... ///



Singing - Nalani Ranasignhe
Composed by - Samaraweera Weerawanni

Given below is the paraphrase of the Sinhala song in Tamil language;

எனதுள்ளம் பக்குவமானது பக்குவமானது பக்குவமானது
உனதுள்ளம் புனிதமானது அமைதியானது பக்குவமானது
அன்பு, கருணை, பாசம் பொங்கிப் பிரகாசிக்கும்
எனதுள்ளத்தில் கலையும் தர்மமும் நிலைத்திருக்கும்
ஆசிரியர் பெற்றார் முறையைப் பார்த்திருப்பார் அன்புடன்
எனதுள்ளம் பக்குவமானது பக்குவமானது பக்குவமானது
நான் சூழலைப் பாதுகாப்பேன் எனைப் பாதுகாப்பேன்
உலகுக்குப் பாரமாகாது எதிர்காலம் நோக்கி பாடசாலையிலே வழிகண்ட நல்ல
பிள்ளை நான்

பின்குறிப்பு - அவ்வாறான பாடல்களைக் காலவேளையில்
பாடசாலையில் செவிமடுக்க வழிசெய்யவும்

2.4.2 Necessity of well-being

Man has to tend towards a very complex life pattern in this competitive world. Development took place in the fields of modern science, technology, and communication has directly influenced it. Diversities of likes and dislikes of individuals have caused to make it more intensified. Due to this, majority in the society try to behave imitating blindly without understanding fertility and infertility. This condition has become a severe social problem at present. Because of this, for the social upliftment, there are many factors that affect the increase of necessity of well-being. Some examples for them are given below:

- **For the well-being of the society**

To live as a virtuous, loyal citizen and to work law-abiding in a society

- **Diversity in personal interests**

One should follow correct procedure when fulfilling personal interests as personal interests, likes and expectations differ

- **Complexity of the life style**

When life has become complex, there is a tendency for people to earn money in wrong ways. People should earn by proper ways to lead a simple life

- **Directing to earn wealth and to use wealth in just**

To direct citizens to earn by hard working and by his own efforts

- **Justice**

Having society accepted livinghood and livelihood

- **Peace**

To maintain peace and harmony



2.4.3 Qualities of well-being

Qualities that should be promoted in order to create cordial and peaceful environment in the human society can be introduced as qualities of well-being. Since these qualities are apt to lead a righteous life they are called as qualities of well-being.

Given below are some examples for qualities of well-being:

<ul style="list-style-type: none">● Law abiding● Listening well● Generosity● Gratitude● Contentment● Cordiality● Righteousness● Simplicity in life● Courageousness● Being away from anti-social activities	<ul style="list-style-type: none">● Courageousness● Being happy● Being active● Honesty● Be thankful● Kindness● Patience● Loving the environment● Working to conscience● Refrain from using liquor and drugs
---	--

Try to promote such virtues in you since childhood. It is a great help to make your present and future successful, good existence of the society and to make the future of the country good.

දැන උගෙන	ගත්කම
නමයි කෙනකුගෙ	වත්කම
ගුණ නුවණ	දැක්කම
මබට සලකති රටේ	මක්කොම

Given below is the English paraphrase of the above poem:

Eruditeness is the wealth of an individual
When your virtues and intelligence is seen,
All the people in the country,
Will treat you well

Given below is the paraphrase of the above poem in Tamil Language:

அறிவும் கல்விமே
 ஒருவரின் உண்மையான உடைமை - உம்
 குணப்பண்புகளைக் கண்டவுடன்
 நாடே உம்மை மதித்துப் போற்றும்

That is why the erudite individuals who lived in the past had expressed as above. Hence we must be careful to serve the country fruitfully as a good citizen, promoting the qualities of well-being by ourselves.

2.4.4 Results that occur due to acting without well-being

One will have to face severe incidents in his adult life as the qualities of well-being have not being practiced from his childhood. As the qualities of well-being are not practiced valuable human lives, animal lives, public properties, natural environment and all will be subjected to the unfavorable influences. Anyone who does not practise qualities of well-being, can be victimized to the fate expressed in the following song:

மல்லியே நரக தீகரன் பிழிதன்	එපා
නංගියே නොහොබිනாகම් හුරු වෙන්	එපා
බෝගම්බර සිපිරි ගෙදර	එන්
සතුරෙකුට වත් මට වන් දුක වෙන්	එපා
දළද මැදුරේ තේවා හඬ රැව්	දෙනවා
කළ පව් මතක් වී දැස ම තෙත්	වෙනවා
සියක් වාරයක් මැරි මැරි	උපදිනවා
තිබනට වතුර වෙනුවට කඳුළු	බොනවා
ලැබුවේ අවවාද නොහොබින	ආරකය
දුදනන් නිසා විය හෙනහුරු	මාරකය
මං පෙර ගියේ වරදින් පිරි	පාරකය
ඒ ගිය මගේ අවසානය	පෝරකය

පද රචනය :- මහාචාර්ය සුනිල් ආරියරත්න
 ගායනය:- විශාරද සුනිල් එදිරිසිංහ



Given below is the English paraphrase of the above song:

Younger brother! Do not welcome bad friends.
Younger sister! Do not practice unbecoming deeds.
Do not come to prison at Bogambara!
Do not befall the sorrow occurred on me even on an enemy!

The sound of the service drum beating of the Temple of the Tooth Relic echoes. Eyes become wet recollecting the sins I have committed. I have born hundred times while dying and drinking tears instead of water.

Received the wrong advices. This deadly danger befell on me due to the company of bad friends. Earlier, I stepped alone a path full of wrongs. The end of that path occurs in gallows.

Younger sister! Do not practice unbecoming deeds.
Do not come to prison at Bogambara!
Do not befall the sorrow occurred on me even on an enemy!

Given below is the paraphrase of the above Sinhala song in Tamil Language:

தம்பியே கெட்ட நண்பனோடு	சேராதே
தங்கையே தீய பழக்கங்களைப்	பழகாதே
போகம்பரை சிறைச்சாலைக்கு	வந்துவிடாதே
எதிரிக்காவது எனது கதி	நேரக்கூடாது
தலதா மாளிகையின் தேனிசை	கேட்கிறது
செய்தபாவத்தை நினைத்துக் கண்ணீர்	வருகிறது
செத்துச் செத்துச் தினமும்	பிழைக்கின்றேன்
தண்ணீருக்குப் பதிலாக கண்ணீரைக்	குடிக்கின்றேன்
எச்சரிக்கை மீறியதால் கிடைத்தது	சிறைக்கூடு
நன்னெறி தவறியதால் விளைந்ததோ	சனியின் கேடு
நான் நடந்ததோ குற்றங்கள் மலிந்த	பாதையூடு
அது எனை அனுப்பி வைத்ததோ தூக்கு	மரத்தோடு

Not practicing the qualities of well-being, any person living in the society may face to the plight mentioned below;

- Passing the life ill-fated
- Isolation of the individual by breaking down of inter-personal relationships.
- Destruction of natural resources
- Increase of expenditure, decrease of saving
- Increase wastage
- Breaking down of well-being

- Collapse social security
- Breaking down of social peace
- Increase of anti social activities
- Increase of mental stress
- Increase of misconducts
- Inclination towards bribes and corruptions
- Happen to live with fear and suspicion

2.4.5 How well-being influences good existence of the society

As mentioned above, if all follow qualities of well-being, it will be a great boon for the good existence of the society. We can achieve many benefits through it. Some examples are given below:

- Protection of others' rights
- Persuade to fulfill one's duties without delay
- Creation of peaceful environment in the society
- Ensuring social security
- Building up with justice and freedom of society
- Ability to expel bribery, corruptions, forgery, theft and other anti-social activities



You too determine to contribute for the good existence of the society by practicing qualities of well-being from your childhood. Follow the idea that "Not from the country to us but something from us to the country". Then you will get an ability to beautify the whole society, and the whole world.

2.4.6 Co-existence

Man gets his birth from the family which is the smallest unit in the society. We all are members of it. When acting as a member of a family, love and protection of others are needed.



"Co-existence begins in the Family"

Any individual living in the society cannot live alone. Man happens to get support from various individuals and to assist each other. Man had been used to live in groups since his inception. Accordingly, acting co-operatively, while living together can be simply introduced as co-existence. An erudite concept presented on it is shown below:

"Co-existence is a state in which two or more groups are living together while respecting their differences and resolving their conflicts nonviolently"

By - Angela Nyawira

2.4.7 Necessity of co-existence

Read the following news headings well. Review these statements which present some events of co-existence.

Whole village supported in thatching the roof of the house

Friends come forward to help the friend with economic difficulties with books and foods happily

Many friendly countries donate for the flood victims of Sri Lanka

14th Wesak Day celebration of the United Nations-2017 in Sri Lanka with the participation of many countries

Some groups of youth come forward to provide food and water to the wild animals during the drought

Youths of Sinhala, Tamil and Muslim get together to celebrate religious festivals

Given above are some examples for the necessity of co-existence in present society:

- To protect the unity of the diverse society
- For the fortification of social security
- To help the people those who cannot fulfill their needs
- For the promotion of the equality in the society that is unequal

2.4.8 Qualities of co-existence

Man is a social being by birth. Hence, the qualities like collectiveness and unity received the highest acceptance in the human society, and such qualities of well-being are given below. Try to inoculate such qualities in you too.

- Acting in collaboration
- Sharing
- Respecting others
- Cordiality
- Mutual trust
- Honesty
- Fulfill duties



Sing and enjoy the song given below related to co-existence bound with nature. Discuss how its meaning depicts co-existence.

වතුසුදු අරලිය ගසක පිපෙනවා
 පිව්ව රෝස මල් වැලක පිපෙනවා
 ඕලු නෙලුම් මල් විලක පිපෙනවා
 එකම වට්ටියක පන්සල් යනවා //

ගිරා මලික්කන් අහසෙ සරනවා
 නීල කොබෙයින් පියාසලනවා //

පොඩි බට්ටිව්වන් උඩ ඉගිලෙනවා
 අහසට අයිතිය කියන්න කවුරුත් නෑ

පද රචනය : සුනීතා පී. වික්‍රමගේ

වතුසුදු අරලිය....
 පුංචි කුඹියෝ ගලක් හදනවා
 වේයෝ එකතු වී හුඹස් බඳිනවා //

මහ වැසි වැටිලා මෙරු ඉගිලෙනවා
 පොළොවට අයිතිය කියන්න කාටත් බෑ

වතුසුදු අරලිය //

ගායනය : ඉන්දිවර් ආරියසිංහ

Given below is the English paraphrase of the above song:

Garden flowers and frangipani flowers blossom in trees
Jasmine and rose flowers blossom in creepers
Water lily and lotus flowers blossom in lakes
They all go to the temple in one tray
Hanging parrots travel through the air
Emerald dove fly in the sky
Small common tailorbird fly up
There are no owners to the sky
Small ants build holes
Termites build ant hill
Heavy rains fall, swarms fly
Nobody can declare the ownership for the land

Given below is the paraphrase of the above song in Tamil Language:

நந்தியாவட்டையும் அரலியும் மரத்தில் பூக்கின்றன
மல்லிகையும் ரோஜாவும் கொடியில் பூக்கின்றன
அல்லியும் தாமரையும் நீரில் பூக்கின்றன
ஒரே தட்டில் பூஜைக்குச் செல்கின்றன//
கிளியும் மைனாவும் வானில் பறக்கும்
மணிப்புறாவும் வானில் சஞ்சரிக்கும்
சிட்டுக் குருவிகளும் மேலே பறக்கும்
வானுக்கு யாரும் உரிமை கோரவில்லையே//
சிற்றெறுபும் வளை அமைக்கும்
கறையானும் ஒன்றுகூடி புற்றமைக்கும்
பெருமழை பொழிந்து ஈசல் பறக்கும்
மண்ணுக்கு உரிமை கோர எவருக்கு முடியும்//

2.4.9 Importance of inculcating co-existence qualities to life

Man cannot live alone. Individual has to deal with family, community and society. Hence, there are many instances that people are to work collectively when engage in day to day activities. There are many occasions that need co-existence qualities. Hence, several examples are given below to show the importance of inculcating the co-existence qualities relevant to the life when working with others in day to day activities:



- Personal development
- Establishment of peace
- Building up mutual friendship
- Acceleration of social development
- Ensuring of social security
- Minimizing conflicts



2.4.10 How well-being and co-existence become important for the individual and social development

Well-being and co-existence are two concepts bound to each other. There are many well-being qualities, derived from the past through generations, practiced by us. These qualities that are seen within us at large or minor level help for personal and social development. According to the availability of these qualities, several groups of people can be identified in the society. It should be noted that this categorization is based on the most outstanding characteristics of people.

01. Those who have high well-being qualities but less co-existence qualities -

The people earn wealth by means of just or legal ways. They live without disturbing others. They contribute less in sharing happiness or sorrow with neighbours and friends. Participation for the weddings or funerals are also very less. They do not harm anyone, but the contribution to the social development is very poor.

02. Those who possess high co-existence qualities but less well-being qualities -

These people earn wealth through various legal and illegal means. But, mostly lead a friendly life with neighbours and relatives, sharing their sorrows and happinesses. They are a burden to the society. Their means of income are not recommended by the society.

03. Those who possess less well-being and co-existence qualities -

This type of people also can be seen among us occasionally. They earn wealth through different illegal means and nothing is done for the social development. They do not work co-operatively with others. You should be mindful when associating with them. You should determine to make them virtuous if possible and not to be such a person.

04. Those who possess both well-being and co-existence qualities to the maximum -

These people earn wealth through just and legal means. They offer to help neighbours and relatives frequently. Those, who with such well-being and co-existence qualities are a great blessing. You should also determine to be one such person. In this manner, by developing qualities of well being and co-exitance in you, you can contribute to the social upliftment, fruitfully. However, it should be

noted that the categorization of people in society as "Good" or "Bad" is not suitable. In a person who is well-known as "bad", there can be a little good. One should take efforts to inculcate wholesome qualities understanding characteristics of people are a complex. This helps personal and social development.

Activity 2.4



1. List out the virtues you have identified in you and your friends or elders you associate.
2. Present a role play in two minutes to highlight the well-being qualities.
3. Complete the following table with the influences that occur when well-being is not followed.

Influence on individual	Influence on the society
1	1
2	2

4. Suggest activities that could be utilized to expand well-being qualities in the society.
5. Explain by using examples how well-being and co-existence become important for the social development.

2.5 Co-operative Movement

2.5.1 Introduction to co-operative movement

Sri Lankans have been motivated to live in co-existence since past. It is well-aware that you might have studied well-about well-being and co-existence in earlier lessons. People show much willingness to help each other in the activities like "Aththam", Sramadana, meritorious activities, planting paddy, etc.



Robert Owen
The father of the
co-operative
movement



Official logo of
the co-operative
movement

Accordingly, The co-operative movement can be introduced as the organization that was established voluntarily to get common needs and social welfare done collectively, co-operatively and equality.

British nationalist Robert Owen is considered as the "Father of Co-operative Movement". Read carefully the definition presented by him.

The Co-operative Movement is the service based on good social environment which includes feeling of co-operation and social value in place of competition that exists among the people for economic development.

British nationalist, Robert Owen – 1845

The following definition is the official definition about modern co-operative movement presented by International Cooperative Alliance.

A co-operative is an autonomous association of persons united voluntary to meet their common economic, social and cultural needs and aspirations through a jointly owned and democratically – controlled enterprise.

(International Co-operative Alliance -ICA - 1995)

Working collectively and helping each other mutually are the main features of co-operation. Through this, the spacial quality expected, is the collaboration instead of competitiveness.

2.5.2 Several objectives of the co-operative movement

- Fulfilling the needs of the members
- Creating a path for man to live better
- Assisting to upgrade the living condition of people
- Fulfill the needs by the collective power that can not be fulfilled individually

The motto of the co-operative is

"Each for all – All for each"

2.5.3 The task of the present co-operative movement

The co-operative movement began first as credit societies.

The first co-operative society established in Sri Lanka is Dumbara co-operative credit society. It began at Theldeniya in 1906. At present, it has developed up to a number of different types of co-operative societies. The following are some such co-operative societies functioning in Sri Lanka:

- Multi Purpose Co-operative Societies
- Co-operative Credit Societies
- Agro - product Co-operative Societies
Eg - Tea, Coconut, Rubber
- Fisheries Co-operative Societies
- Industrial Co-operative Societies
Eg - Weaving, Carpentry,
Coir industry
- Bio Resource Co-operative Societies
Eg - Livestock farming
- Hospital Co-operative Societies
- Transport Co-operative Societies
- Housing Co-operative Societies
- School Co-operative Societies



Tasks performed by the co-operative service

- | | |
|---|---|
| <ul style="list-style-type: none">● Selling consumer goods at low cost● Supplying credit facilities● Conducting various welfare services● Maintaining member's savings● Conducting various awareness programmes
Eg - Self employment/small business | <ul style="list-style-type: none">● Provision of banking service● Provision of transport services● Purchasing of agro products● Provision of insurance services● Maintenance of hospital● Provision of funeral services● Conducting fuel filling stations |
|---|---|

Accordingly, the co-operative movement that is dedicated to provide many services which are necessary to fulfill various needs of life must be appreciated.

2.5.4 Multi Purpose Co-operative Societies and School Co-operative Societies

1. Multi-purpose co-operative societies

There are a large number of co-operative societies controlled by the Co-operative Department. The institutions which have been established collecting all together are introduced as, multi-purpose cooperative societies. Co-operative societies that have been established to get more tasks fulfilled, instead of credit cooperative societies are introduced by this name.

The basic objective of this is to create economic, social and cultural development of members according to the co-operative principles. The target of this is to inculcate feelings such as thrifty, self donation and mutual donation. To get the membership of a co-operative society, 18 years of age must be completed. All those who reside in the authorized region of a co-operative society, can get the membership of the co-operative society of that particular region. Many co-operative societies can be seen in present Sri Lanka. By December 2013, 14221 co-operative societies had been established in Sri Lanka. Among them, 308 were multi-purpose co-operative societies. Among them the number of co-operative societies that are active are 304.

Services provided by the Multi Purpose Co-operative Societies

- Conducting co-operative regional outlets to increase the services to the people
- Conducting of credit societies
- Contribution to provide funeral services
- Provision of transport and fuel services
- Conducting hospital services
- Banking services
- Self services co-operative outlets
- Milk bars/ Restaurants
- Educational services
- Insurance services
- Pre-school
- Pawning

2. School co-operative societies

School co-operative societies have been established with the idea that the cooperative must be started at the small age. These co-operative societies are conducted by the students under the patronage of the principal and the staff. The number of school co-operative societies that have been registered by December 2013 was 1134. Since then, 371 societies are active.

Objectives

- Fulfilling the economic, social and cultural needs and welfare needs of the member according to the co-operative principles
- Directing to use co-operative system
- Making co-operative features and qualities popular in the school
- Generating creative leaders
- Achieving active group of citizens who work with conscious

Activities of these co-operatives are done by the students under the patronage of the principal and the staff.

Expected Targets

- Provision of all necessary stationeries to the students at low cost
- Supply of hygiene milk and food varieties of reasonable cost
- Practicing the habit of saving from the childhood
- Supplying the educational needs
- Conducting fruitful programmes and holding competitions
- Practicing children to continue virtues and customs

2.5.5 Services that could be obtained from the school co-op society to the students

- Ability to buy school stationery at reasonable prices
- Ability to buy food items at reasonable prices
- Ability to buy sports goods at a reasonable price
- Leadership training
- Getting used to a collective life pattern
- Provision of other needs

These school co-operative societies are well-functioning in Malaysia at present. School co-operative society of Dharamaraja College at Kandy is also functioning very successfully.

Source - ICA web site - www.ica.org

Activity 2.5



- Explain briefly the importance of establishing a school co-operative society in your school

2.6 Importance of acting as a member of global village while protecting indigenouness

2.6.1 Broad vision about the world

Man is a member of the global village. When we act as a member of the global village, we must create a good understanding about the world. When acting in the competitive world there must be a broad vision about it. **Various changes in the fields like economic, society, and politics of the present world take place continuously. As a citizen, a knowledge and understanding about all those changes must be achieved. Acting with the world with such knowledge and understanding is known as the broad vision of the world.**

Due to the continuous changes occur in the world, inheritance of new information and more creations occur changing existing information. When acting as a universal member, being vigilant on these changes is important. You must assist them as much as you can. That becomes a great support to make others lives as well as your life, good.

2.6.2 Appreciate indigenouness meaningfully

Indigenous culture

All the countries in the world possess specific cultures inherited to each of them. That is the indigenous culture of those countries. Sri Lanka too is a multi-cultural country since the past. As well as indigenous people, different ethnic groups like Sinhalese, Tamils, Muslims, and Burghers live in Sri Lanka. They believe in different religions like Buddhism, Hinduism, Islam, and Catholicism. There are identical cultures inherited to these ethnic groups. Various different cultural features can be seen in them.

- The popular cultural features among different ethnic groups which are typical to Sri Lanka are given below. See whether you can identify them.



Local productions

Production of goods and services within the country itself using the local resources is local production. Such local productions which are inherited to Sri Lanka are shown below:



Things endemic to the country

Things that are typical to a country itself are called endemic things. Many features, which are endemic to Sri Lanka are found in the country. Indigenous medicines, endemic plants and animals are important among them.

Indigenous medicinal herbs



Kothala Himbutu



Bambara Vel



Venivelgeta



Pus Vel

Endemic Plants



Etamba



Wild breadfruit



Maha Rathmal



Kekuna



Badulla

Endemic Animals



Neela Kobeiya



Black Monkey



Pathirana Salaya



Jungle fowl



An Katussa

Identification and learning of other cultures by moving beyond the local frame

We have learnt about the indigenous culture and main cultural features earlier. There are many cultural features indigenous to Sri Lanka, and to other countries as well. Though they are inherited to those countries only, we can learn a lot from them. Hence, it is important to know about cultural features of several countries going beyond, indigenous culture.

There are many cultural features in Japan that is an East Asian country. Greeting with a bow, wearing Kimono, sumo game, veneration of the dead take an important place among them. Japan is a country that has processed to a massive development. But, Japan reached the development while protecting their culture. Cultural features like greeting with a bow is well-popular among the elders and the young even today.



Greeting with a bow
For free distribution



Sumo game



Kimona

Cultures of the African countries are totally different to this. Given below are chief among them:



African cultural features

When we take China, that is also an Asian country, which follows many cultural features based on dragon.



Chinese cultural features

Acting as a member of global society while appreciating the indigenouness and protecting national identity

We have discussed about the "Wide vision about the world" earlier. Accordingly, arrival of new technology, fashions, cultural features, etc occur with the changing of the world. But we must be intelligent when we use them. We must be careful to use the models we collect from the universal society, matching the needs of our country. If not, we will have to face problems we never think about.

You might have heard the saying " Siya Rata de Siri Sapade" – Local goods give best comforts – Our forefathers in the past produced everything they needed by themselves. There, they were very careful not to harm animals, plants and the environment. They gifted the needful for generation absorbing world's knowledge while protecting ancient culture. A best example for this can be taken from our neighbouring country, India. Since the past, Indians show a tendency to use local productions. That example has been given to them even from the rulers of India. The cloth worn by Mahatma Ghandhi had been prepared by himself.



Mahatma Gandhi weaving his own cloth

We too must be nourished by such models. We must be careful to use models received from those cultures with local modifications.

2.6.3 Identification of the way how co-existence works globally

Any person living in the world cannot live alone. Living alone is a difficult task for any ethnic group or a country. There are several factors cause for this:

- Unequal distribution of resources
- Global diversity
- Inability to produce all the things needed for a country in the same country
- Rapid development of information technology of the world with the technical advancement
- Conversion of the total world into a global village

Above mentioned factors have caused to function co-existence globally. We all, as an individual and as a country, have to work in accordance with. If not, we will be isolated as a country in the presence of the world.

For free distribution



Norochole power station



Obtaining foreign aids

2.6.4 Mutual inter-dependency

Between the region where we live and neighbours and at places of work too mutual inter dependence, co-operation and co-existence can be seen. **Working co-operatively while helping each other is mutual inter-dependency.** Co-existence among ethnic types and religions is the base of peace and development of a country. As a country, there is a mutual inter-dependency with other countries of the world. Due to this, various organizations have been established by the countries of the world.

Eg - United Nations Organizations, SARRC Organization, Union of Europe, Asian Organization

Activity 2.6



1. Name separately cultural features, cultural heritages and attributes of culture inherited to Sri Lanka only.
2. Name endemic plants, animals and herbs in Sri Lanka.
3. Name indigenous plants and animals that have faced the threat of extinction as you know.
4. Present your views on “When acting with global village, indigenouness must be protected.”
5. Selecting some countries in the world, study cultural attributes of them.

Summary



- The society too is subjected to various changes with the development of science and technology.
- New inventions that emerged through explorations and researches, have caused for social advancement.
- Creation of technical tools are in abundance due to the increase in population and complex human necessities.
- Technical tools should be used beneficial to the society.
- Agricultural, industrial and service sectors of the economy in a country change continuously with modern technology.
- Many new trends in the job market associated with agriculture, industry and service have emerged.
- In the complex life pattern, the world has tended towards competitive life pattern. Due to this, good qualities are getting detached from man.
- The problems that we have to face can be avoided by promoting well-being and co-existence.
- The Co-operative Movement has been established with the objective of helping each other in co-operation.
- At present, co-operative is an institute that supplies many services.
- It is important to act as a citizen of global society while appreciating the indigenouness and protecting the identity with a wide vision about the world.
- When acting globally, co-existence and mutual depending are needed.