

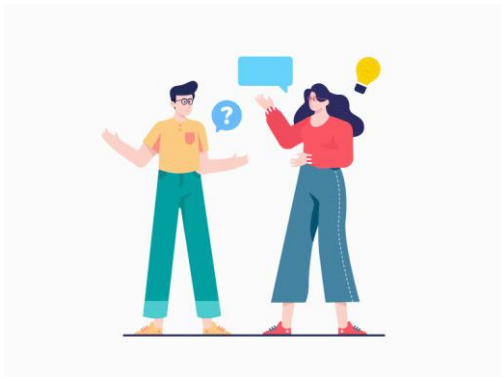
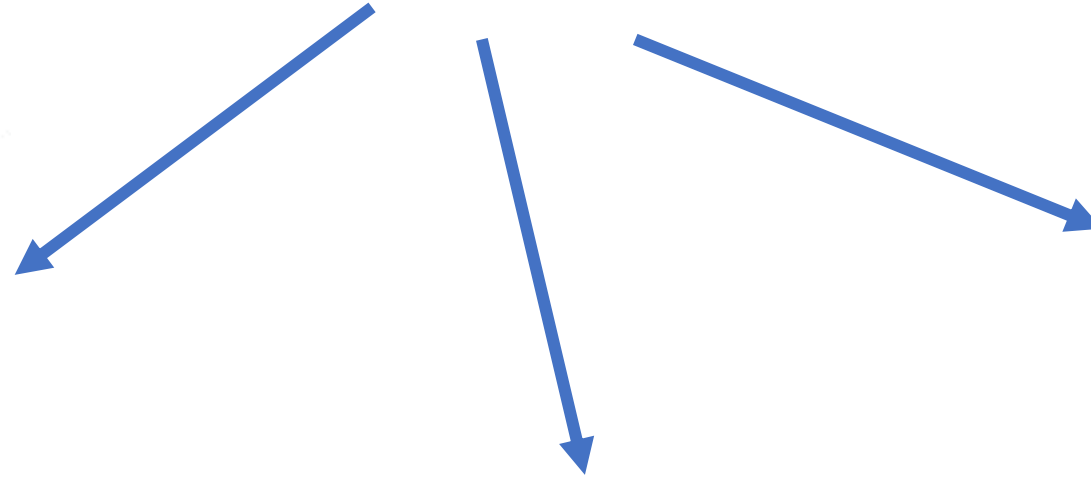
Module VI

A) Information Transfer and Interpretation of Data

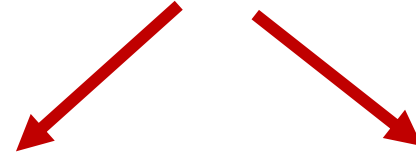
Information Transfer



Information Transfer



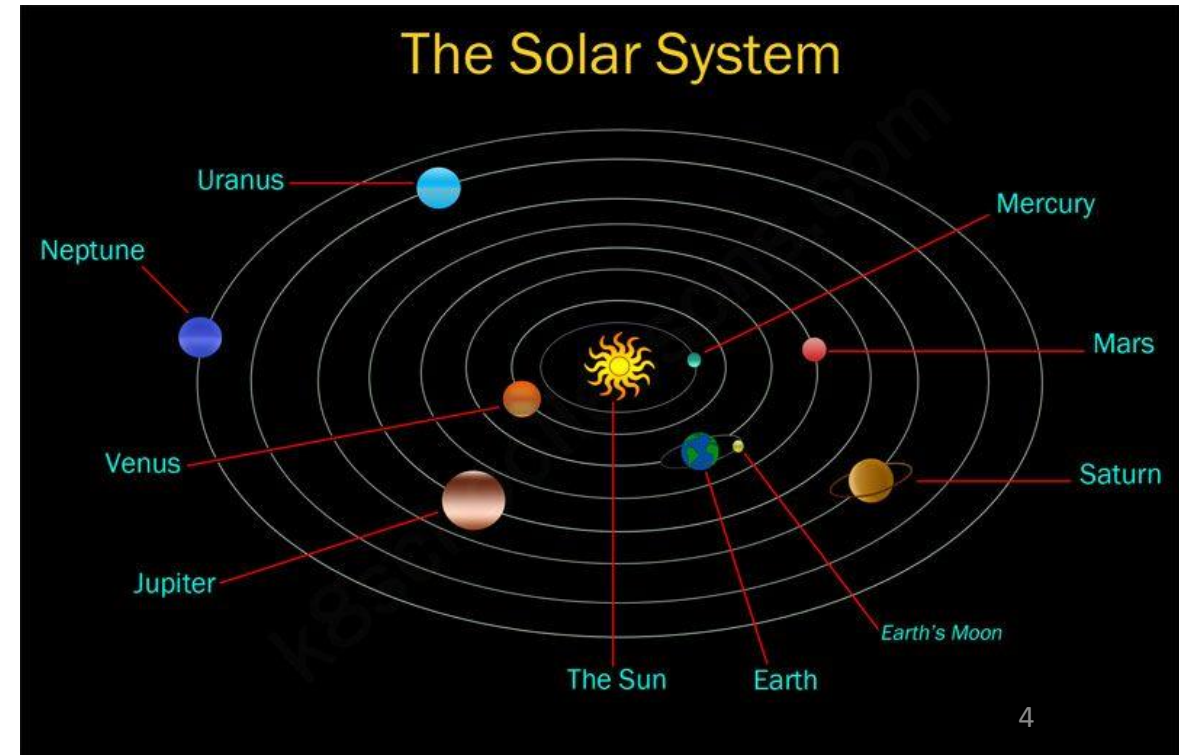
Information



**Verbal / Written/
Narrative**

**Non-verbal / Oral /
Graphic Presentations**

Our solar system consists of our star, the Sun, and everything bound to it by gravity — the planets Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune, dwarf planets such as Pluto, dozens of moons and millions of asteroids, comets and meteoroids.



Information Transfer

Process: Transferring : Verbal  **Nonverbal**

Process: Transferring : Non-Verbal  **Verbal**

Information Transfer is used for:

To Narrate A Process , Event Or A Theory.

To Enumerate And Classify The Information.

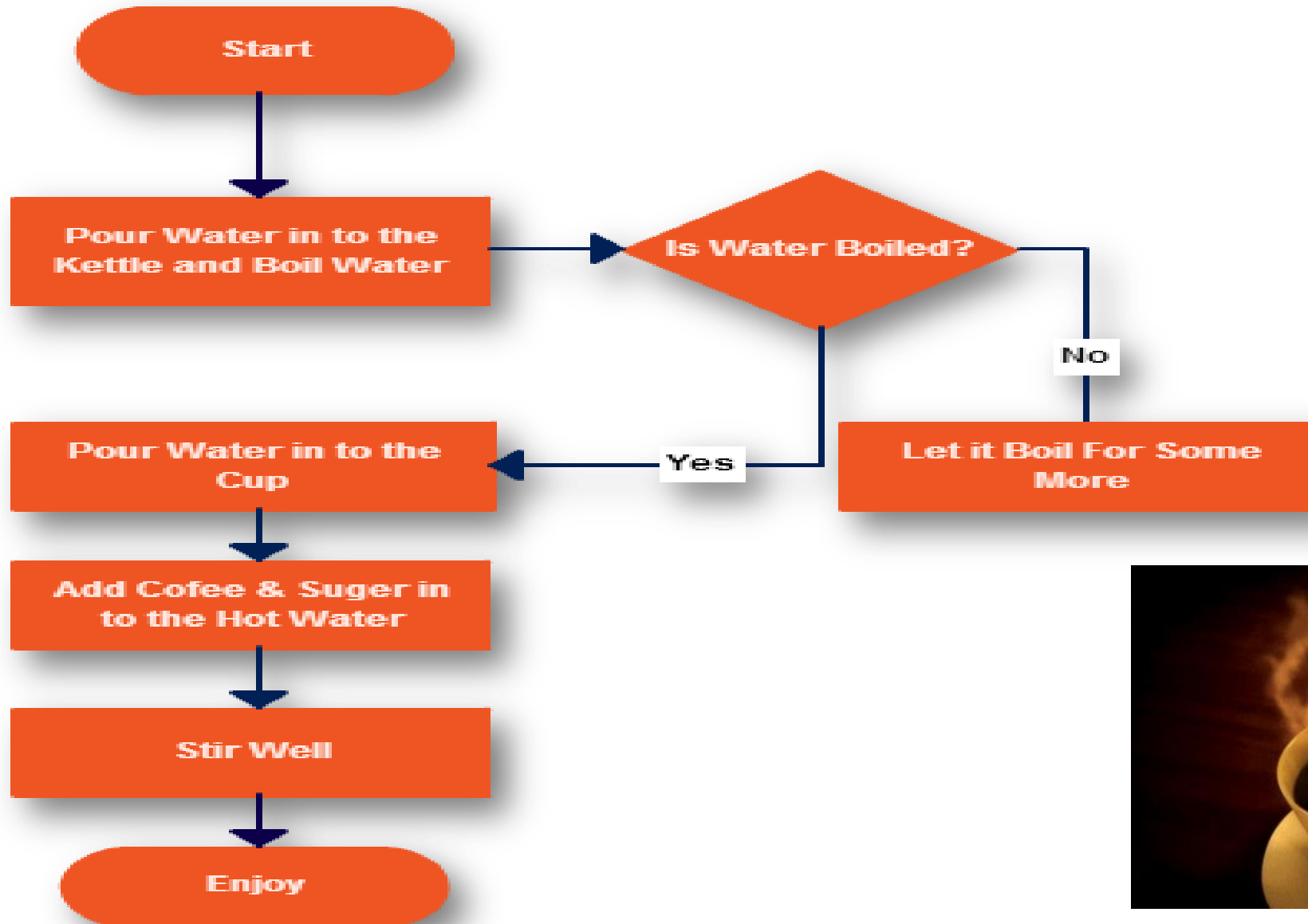
To Compare And Contrast The Collected Information.

To Describe The Process.

To Generalize From The Numerical Data.

Process: How to make a Cup of coffee

Flow Chart



Event :

World War II (1939 - 1945)

Allies

Axis



Soviet Union (Joseph Stalin)



United States of America
(Franklin D. Roosevelt)



United Kingdom
(Winston Churchill)



China (Chiang Kai-shek)

Vs.

Germany (Adolf Hitler)



Italy (Benito Mussolini)



Japan (Emperor Hirohito)

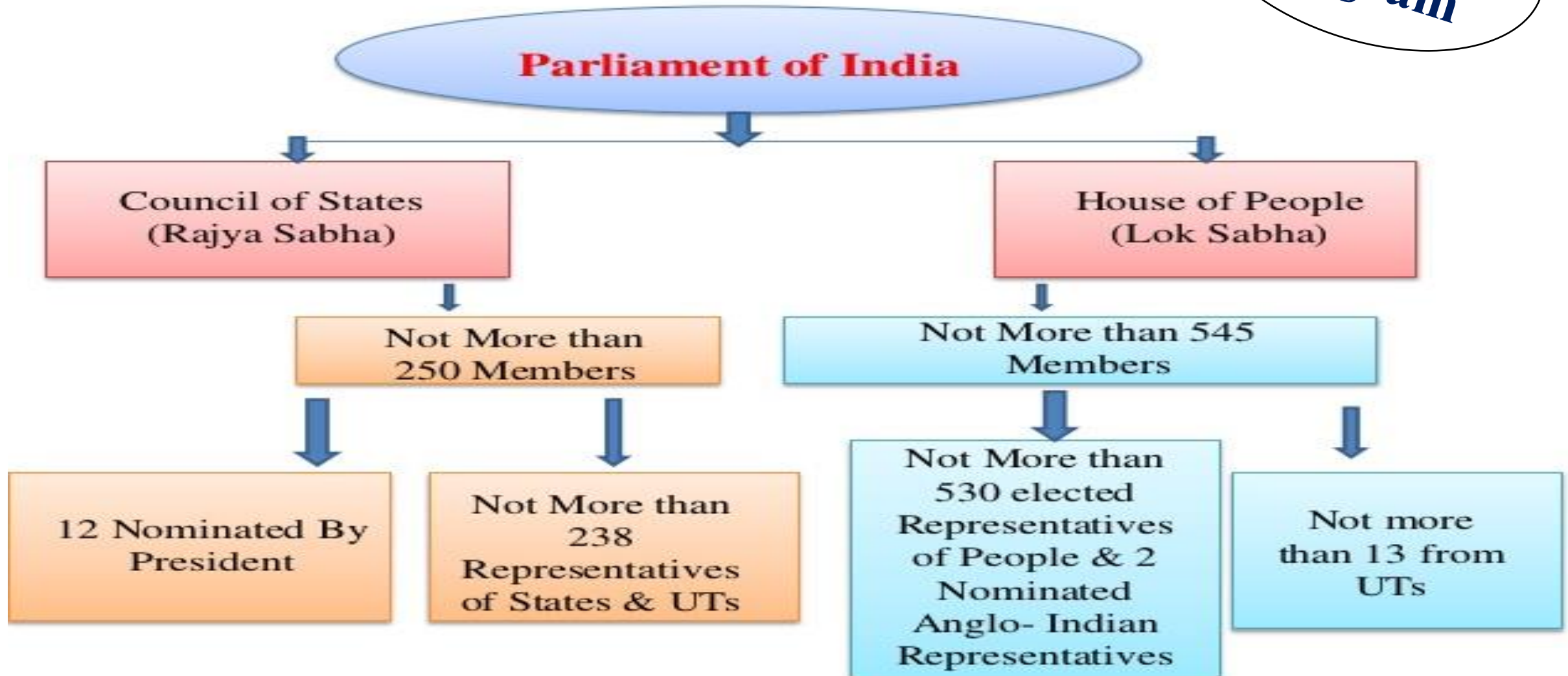


7 continents map with 5 oceans



Classification:

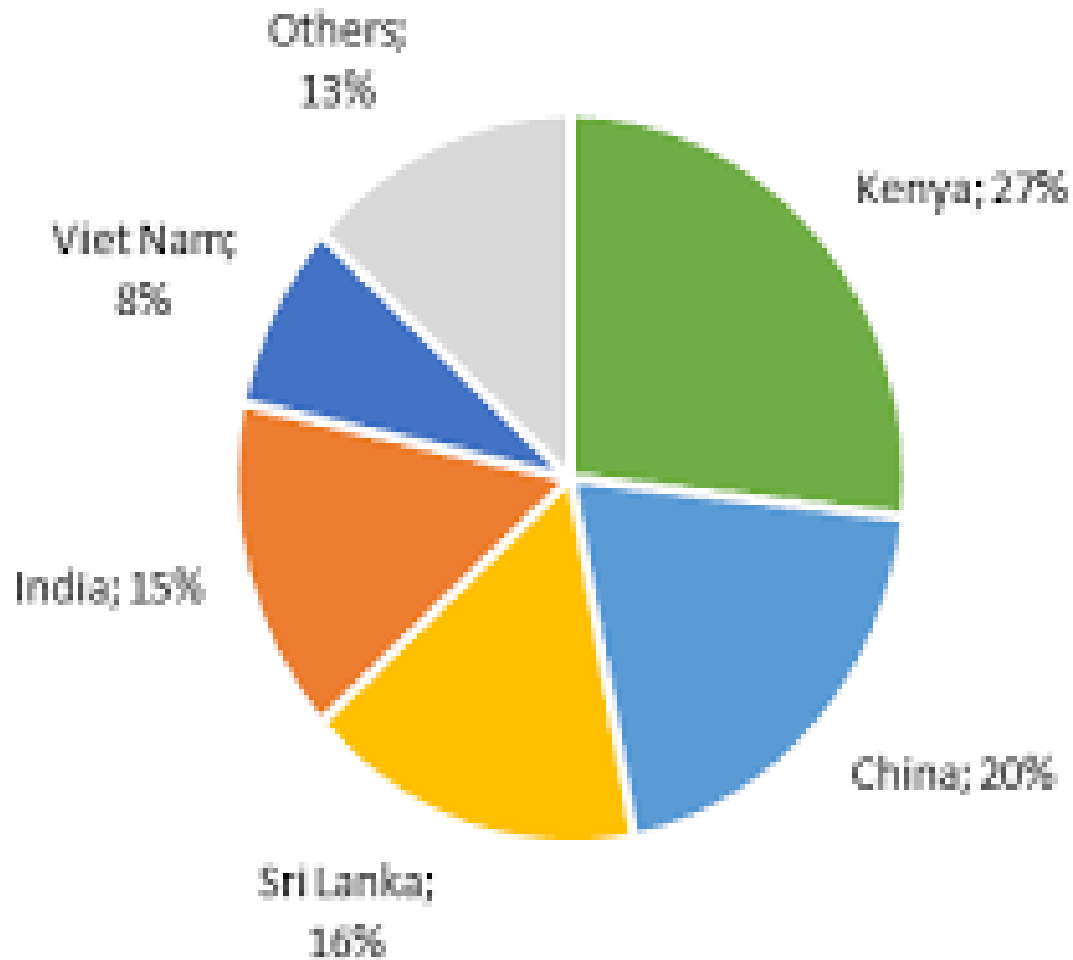
Tree Diagram



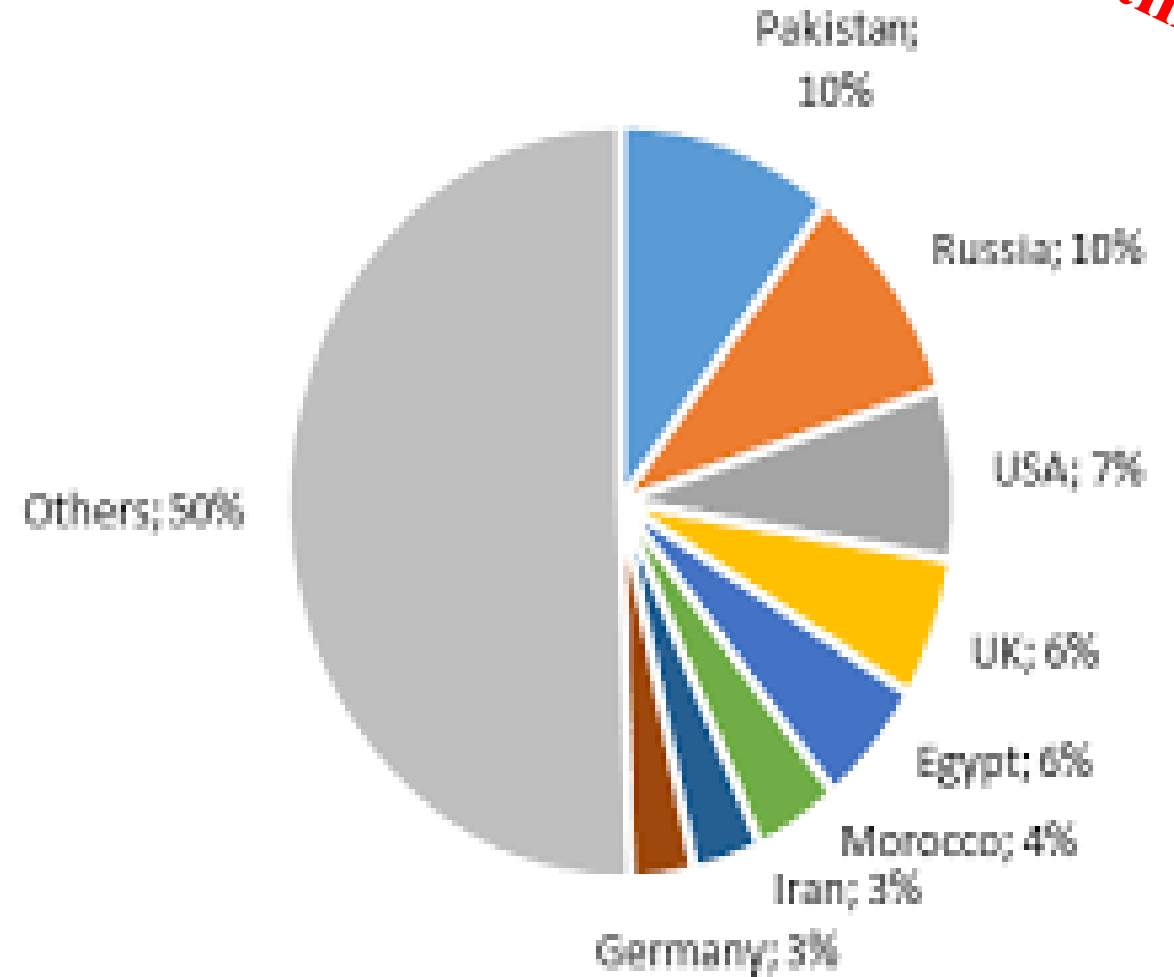
Compare and Contrast

*Pie
Diagram*

World Tea exporters



World tea importers

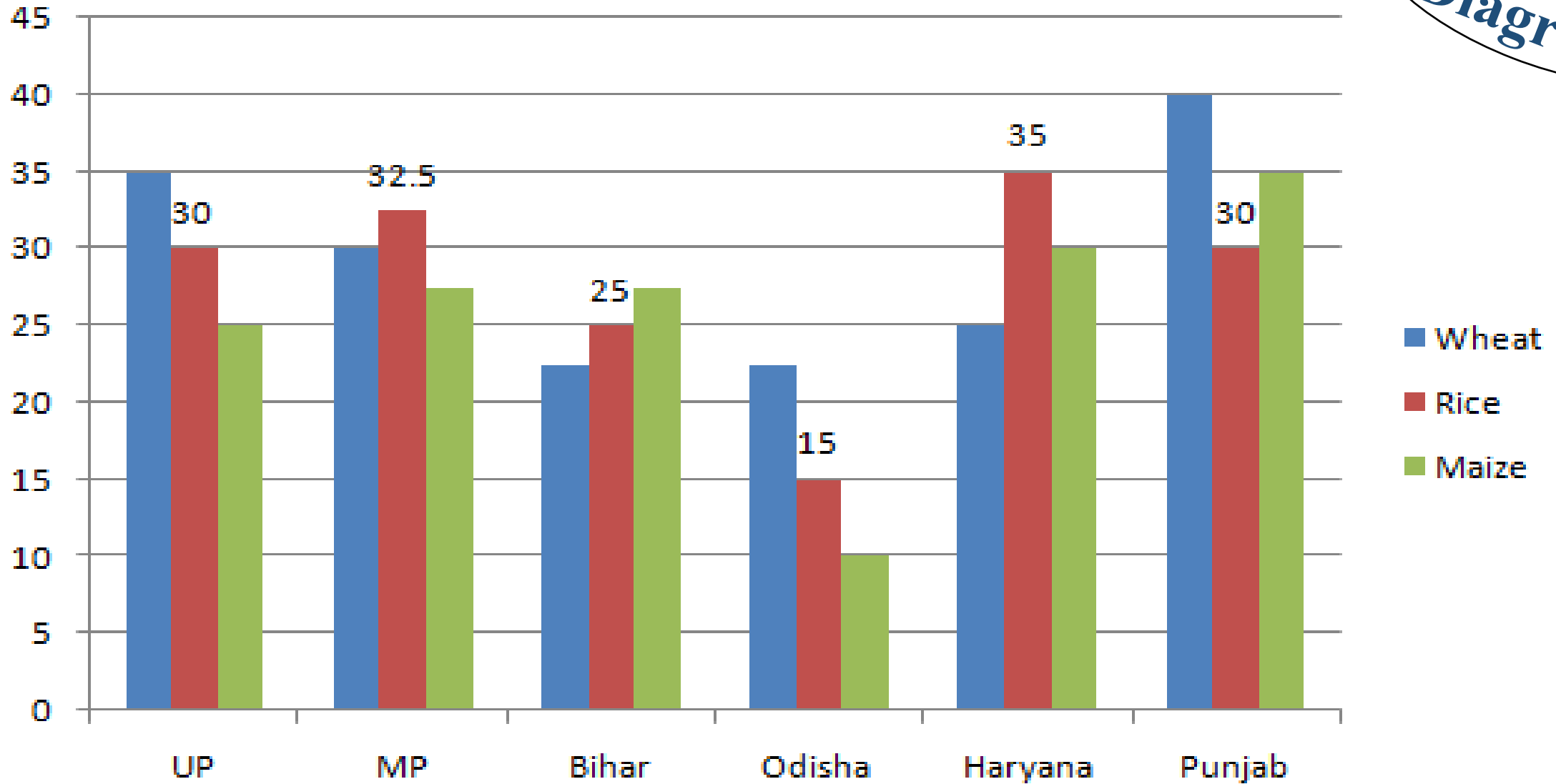


Table

Time	Mon	Tues	Wed	Thur	Fri	Sat
8.00 - 8.45	-	B.A I Comp				
8.45 - 9.30	B.A.II Comp	B.A.II Comp	B.A. sp. Novel	B.A. sp. Novel	B.A.II Opt.	B.A.II Opt.
9.30 - 10.15					B.A. sp. Lg.	B.A. sp. Lg.

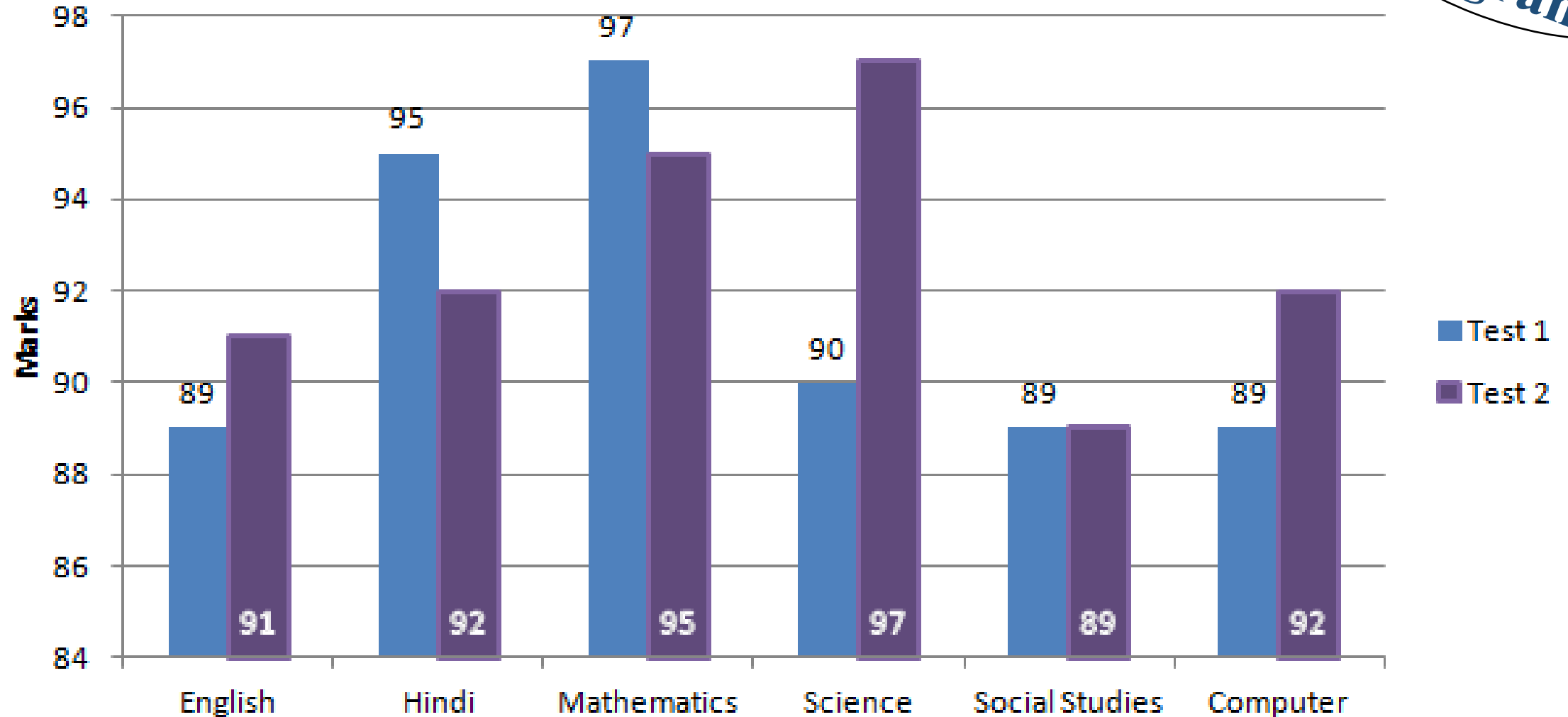
Compare and Contrast

Bar Diagram

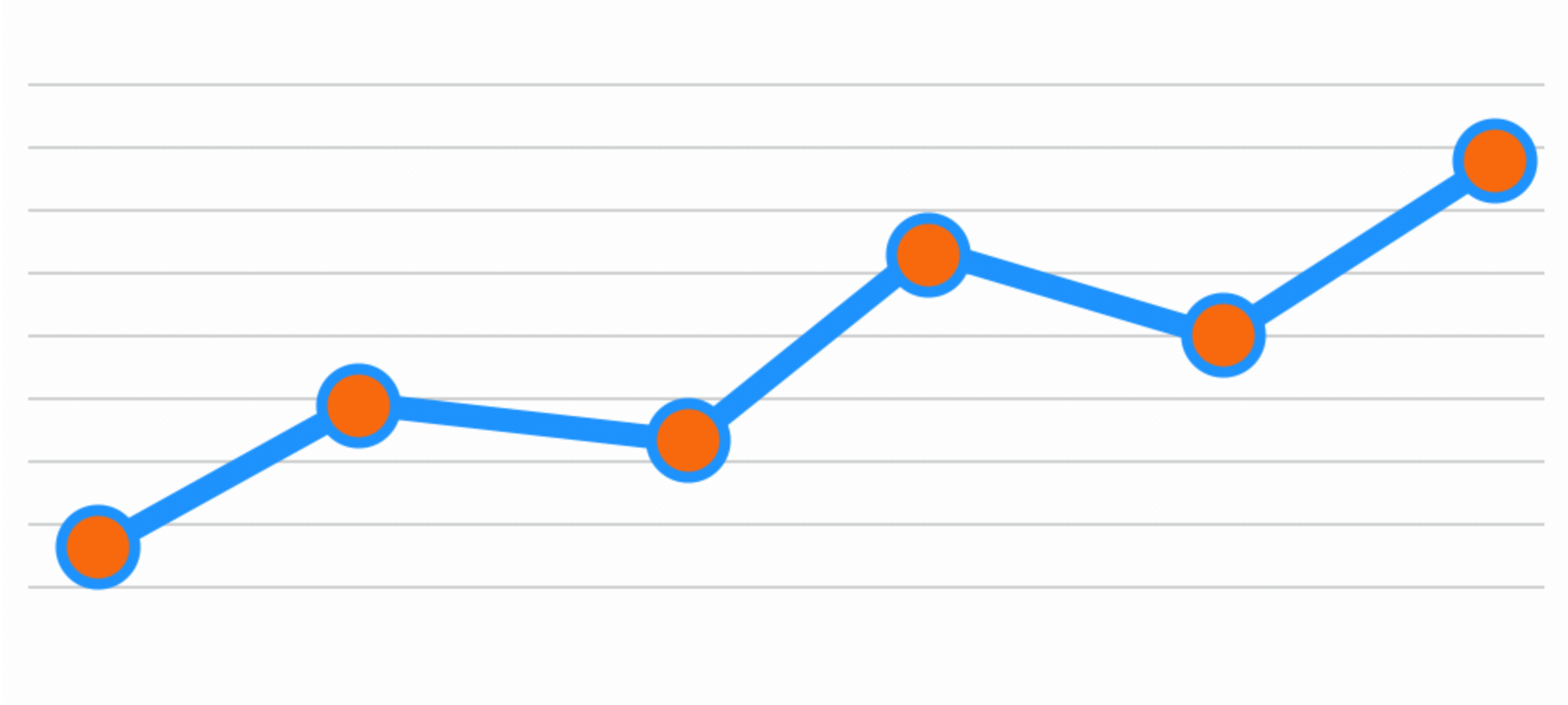


Numerical Data

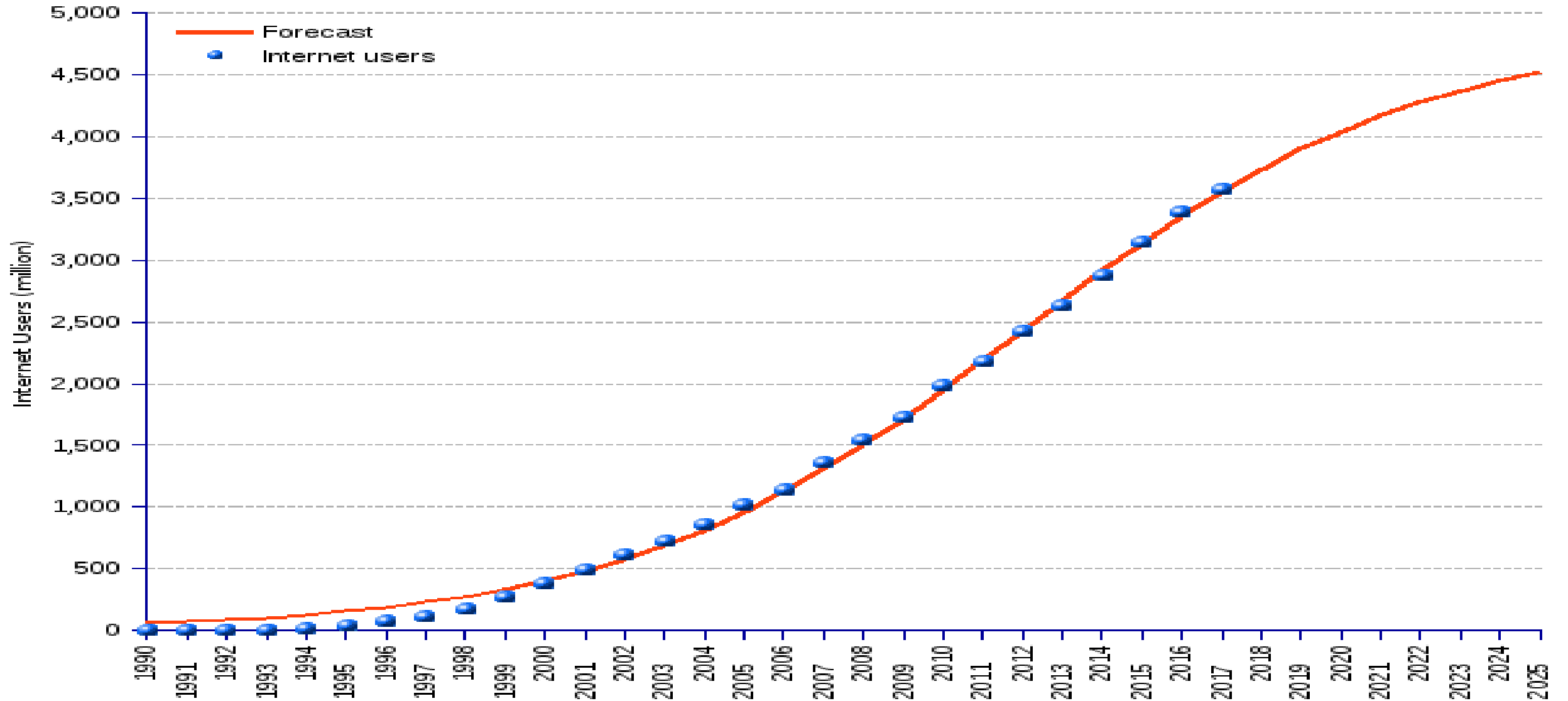
Bar Diagram



Line Graph



Line Graph



Types of Graphic Presentation

Table Diagram

Tree Diagram

Flow Chart

Pie Diagram

Bar Diagram

Line Graph

Table Diagram No. 1

Time	Mon	Tues	Wed	Thur	Fri	Sat
8.00 - 8.45	-	B.A I Comp				
8.45 - 9.30	B.A.II Comp	B.A.II Comp	B.A. sp. Novel	B.A. sp. Novel	B.A.II Opt.	B.A.II Opt.
9.30 - 10.15					B.A. sp. Lg.	B.A. sp. Lg.

Table Diagram No. 1: Non – Verbal to Verbal

The given table diagram is of a timetable of English subject for online classes. The teacher has to conduct 9 lectures per week. From the table it appears that English is taught from Monday to Saturday to B.A I , B.A II and B. A. III classes. The classes are conducted in the morning from 8.00 a.m. to 10.15 a.m. The teacher has only one lecture on Monday of the B.A. I Compulsory English. Similarly, on Wednesday and Thursday also she engages only one lecture of B.A. III special English for Novel paper. She has two lectures on the remaining days i.e. on Tuesday, Friday and Saturday wherein she conducts B.A II compulsory and Optional English lectures and B.A. III special English classes for Language paper. The timetable shows that there is no breathing time or break time for the teacher since the lecture are continuous. It seems that the timetable might continue in the COVID pandemic and till the college resumes its offline lectures.

**Table
Diagram
No. 2**

**Tabular
Representation**

Country	Population (in Million)	Decadal Changes in %
China	1341	5.43
India	1210.02	17.64
USA	308.07	7.26
Indonesia	237.06	15.05
Brazil	190.07	9.39
Pakistan	184.08	24.78
Bangladesh	164.04	16.76
Nigeria	158.03	- 26.84
Russian Federation	140.04	4.29
Japan	128.01	1.01

Table Diagram No. 2 : Non – Verbal to Verbal

The present Table / From the given table, it *seems / appears* that there is a tremendous growth in the population of the world. The table shows that the population rate is increasing in developing countries while it is decreasing in developed countries. The table shows that China has higher population than India. The population of Bangladesh is lower than Pakistan. Japan has the lowest growth rate than any other given countries. In a decade, the population of Pakistan is increased (24.78) more than any other countries. The table indicates that India will become the largest country in population. From the table it appears that China might control its population growth in future.

Helpful Tips:

While writing a paragraph , Use Simple Present Tense

Starters:

- The table shows that ...
- The table indicates that...
- The table reveals that ...
- From the given table, it seems that ...
- From the given table, it appears that ...

Logical Connectors for showing Contrast

- On the Contrary...
- On the Other hand...
- By contrast...
- Instead...

Words used for Comparison:

- More than...
- Most...
- Less than..
- OR
- Bigger than..
- Brigher than...

End of the Paragraph

For Prediction, you may use these auxiliary verbs:

May
Might
Will
Should
Could...

Task for you: Interpret the following Table Diagram 3

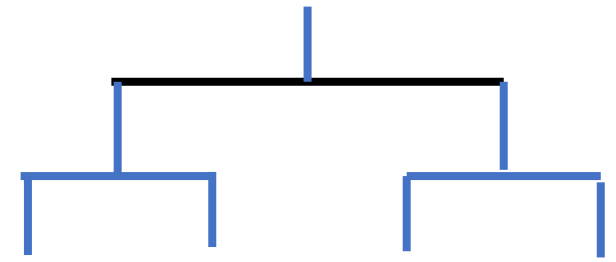
Indian States and Their Classical Dance Forms

State	Dance	Showcase
Tamil Nadu	Bharatnatyam	Devotion to God
Kerala	Kathakali, Mohiniyattam	Extracts from Mahabrata and Ramayana Krsishna and Shic Tandav
Kathak	Uttar Pradesh	Radha and Krishna
Odisha	Odissi, Chhau	Mythological Stories of Lord Shiva and Surya
North East	Manipuri	Radha and Krishna
Andhra Pradesh	Kuchipudi	Worship to God
Punjab	Bhangra	Harvest Festival
Assam	Bihu, Sattriya	Spring Time, Mythological Stories
Kashmir	Rouf	Celebration of Spring Season

Convert the following Passage into a Table:

There are 195 countries in the world. Each country has its own unique features. They have their own currency, major spoken languages and religion. For example, Canada's currency is Canadian Dollar and the major languages spoken there are English and French. Majority of Canadian population follows Christianity . While the currency of Japan is Yen and the major spoken language is Japanese. Majority of the population follow either Buddhism or Shinto religion. However, Japan is a secular country. Nepal where Nepali language is spoken widely, the currency is Nepalese Rupee. People belonging to Hindu, Buddhism and Islam religion are found in majority in Nepal. Singapore, another Asian country has a currency - Singapore Dollar and the people there majorly talk in either English, Malay, Mandarin or Chinese language. The majority of people in Singapore are either Buddhist and Christian. Our neighbouring country Sri Lanka has Sri Lankan Rupee as its currency and the Sri Lankan talk either in Sinhala or Tamil language. The major religions there are Buddhism, Hindu and Islam.

Tree Diagram



- **A chart that develops in the form of a tree.**
- **Similar to the upside down tree.**
- **Roots at the top and Branches are at the bottom.**

Usage – Hierarchical information OR

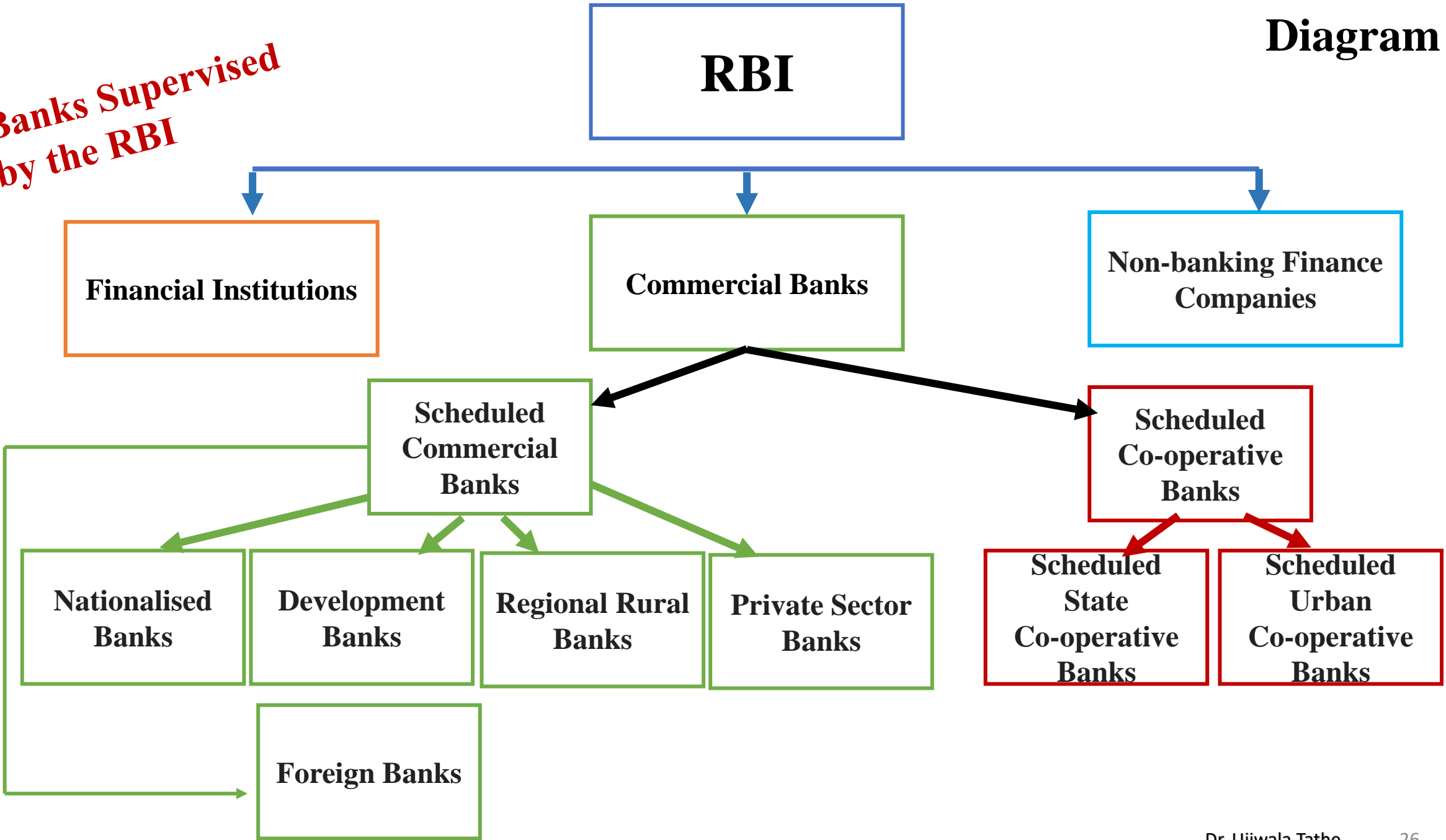
Classification

Types : Organisational OR Family / Genealogical

Helps Visual Learners and children with short attention span

Diagram 4

**Banks Supervised
by the RBI**



Non-Verbal to Verbal (Diagram 4)

The Reserve Bank of India is India's central bank and a regulatory body and comes under the jurisdiction of Ministry of finance, Government of India. It supervises the financial sector which comprises commercial banks, Financial institutions and non-banking finance companies. The commercial banks are of two types – scheduled commercial and scheduled co-operative banks. scheduled commercial banks are further divided into 5 types – Nationalised Banks, Development banks, Regional Rural Banks, Foreign Banks and Private Sector Banks. scheduled co-operative banks are of 2 types – Scheduled State Co-Operative Banks and Scheduled Urban Co-Operative Banks

Animals

Wild

Domestic

Lion Elephant Wolf Monkey Deer

Dog Cat Cow Horse Sheep

Cub Calf Pup Infant Fawn

Puppy Kitten Calf Foal Lamb

Roars Trumpet Howls Whoops Bells

Barks Mews Moos Neighs Bleats

Babies

Sounds

Flow chart

Represents:

- Process
- Procedure that takes place in successive stages..

Time Relators:

First / Firstly, Second / Secondly.

Later ... Next Then.... Finally,,, Lastly To Conclude...

Formerly, Previously...Earlier ... Again...Since --- After that,...etc.

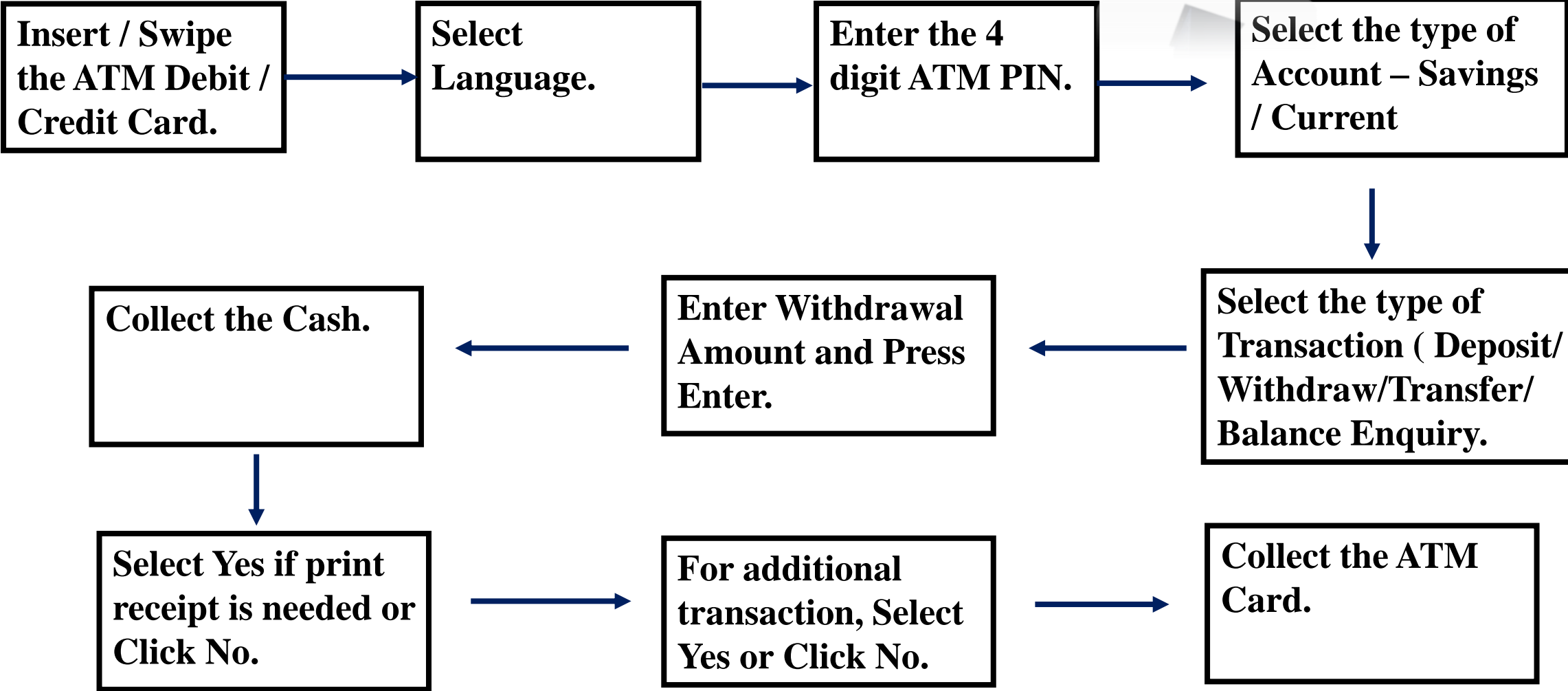
Phrases:

To begin with

To Start With

For a Start

How to Withdraw Money From the ATM



How to Send E-mail:

Sign into Your Account



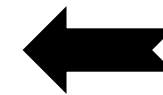
Enter Login ID and Password



Click Compose



Write an Email ID of the Recipient



Enter the Subject



Write the Body



Check the e-mail for spelling/grammar/punctuation correction



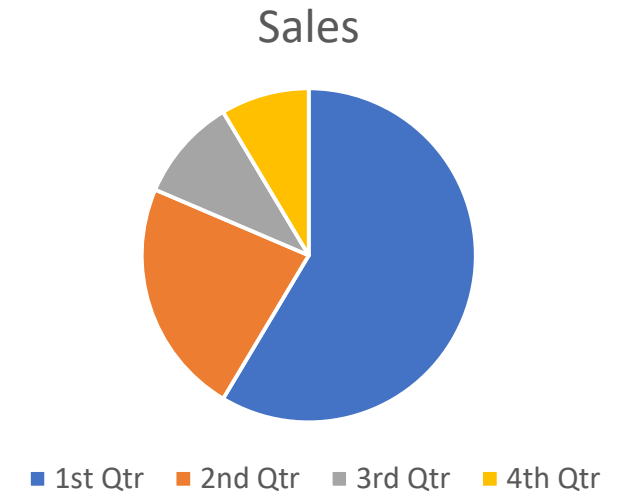
Click Send



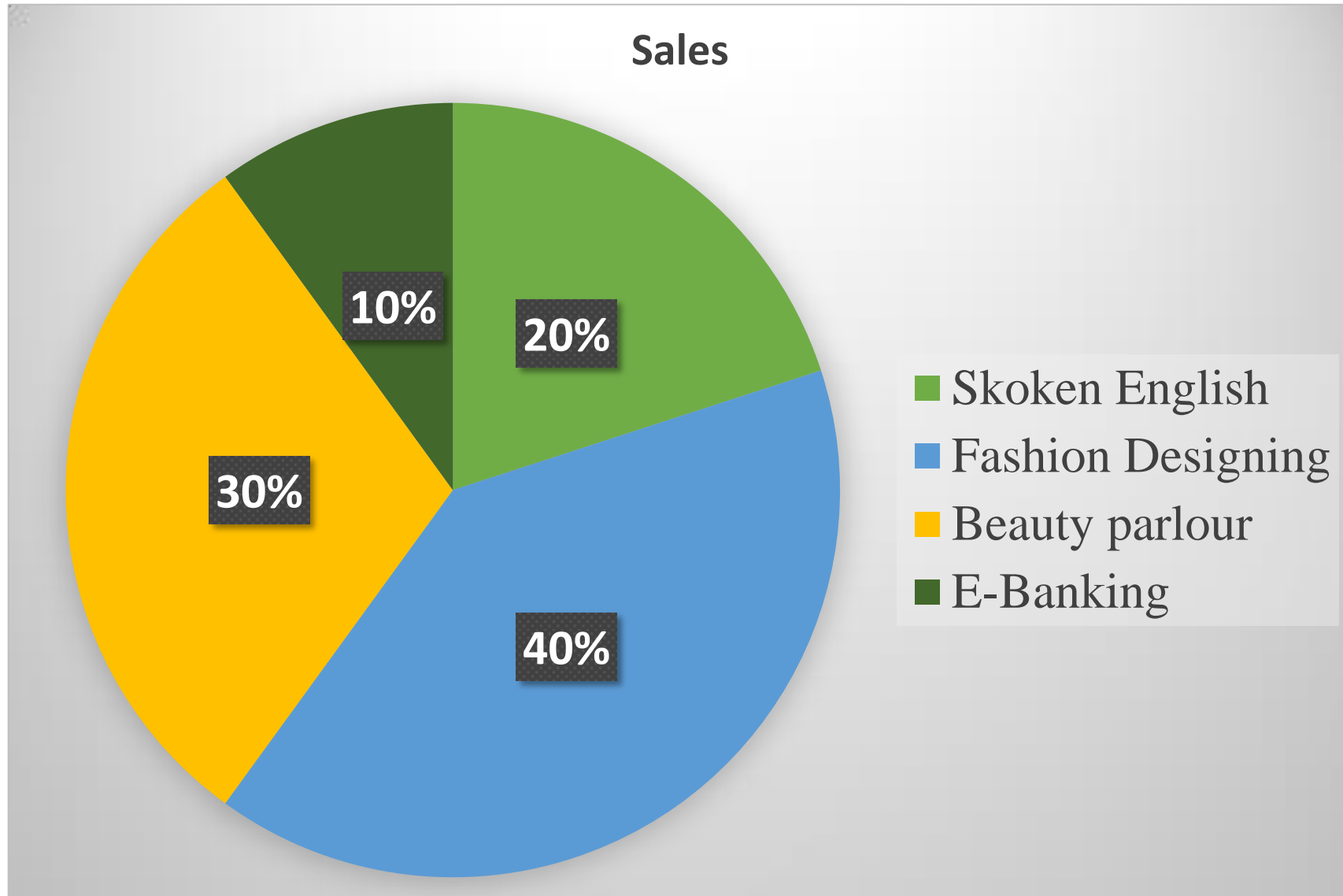
Confirm its status by clicking 'Sent'

Pie Diagram

- **A Circle divided into Fractions**
- **Displays the size of parts of the whole .**
- **The circle represents 100%.**
- **Shows Visual Information of the % occupied by the specific item.**
- **Easier for us to compare and contrast the data projected in a pie diagram at a quick glance.**



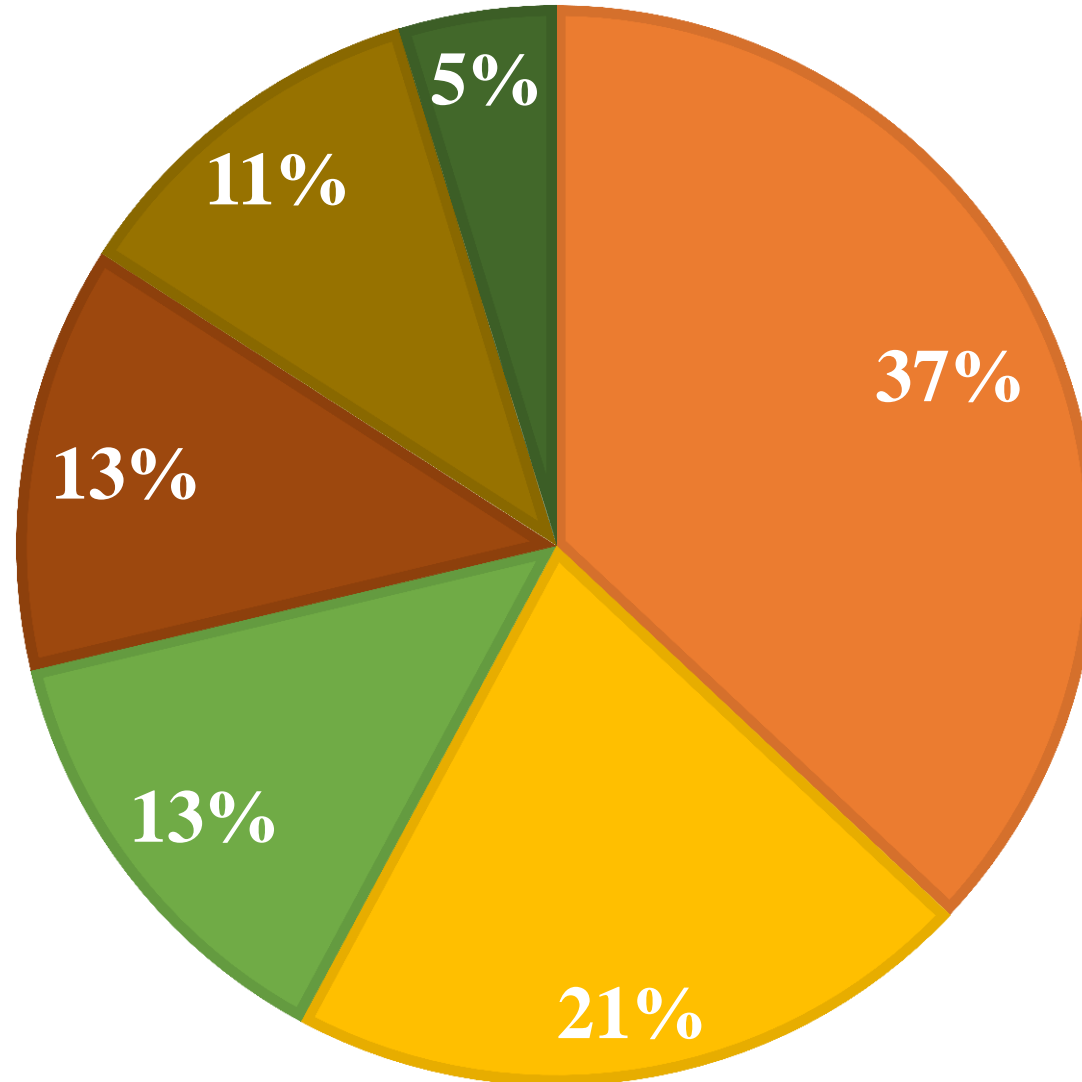
No. Of Students for Skill Development Courses



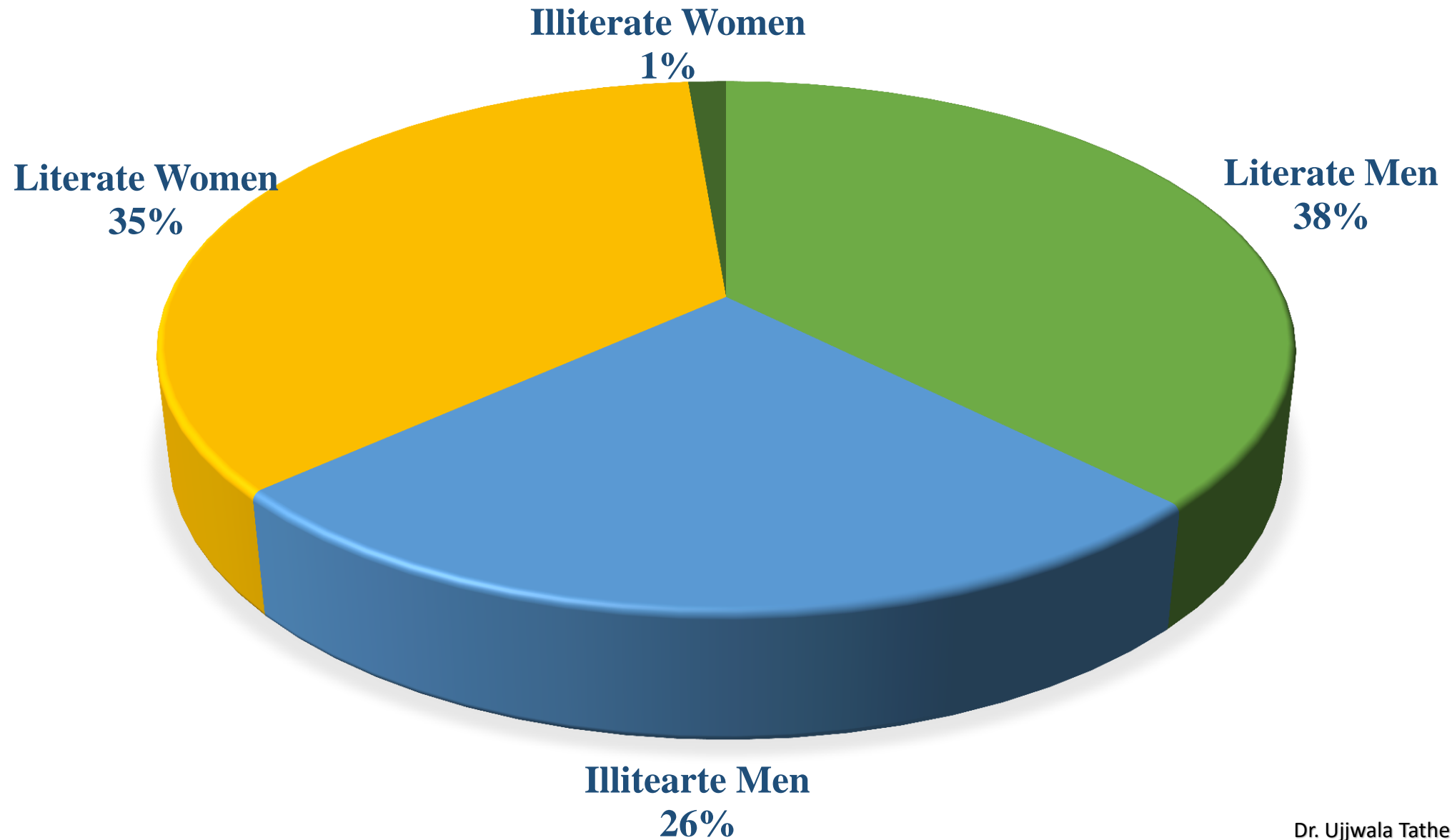
Mahila Mahavidyalaya, Karad conducts Skill Development Courses in the college every year. The objective behind this activity is to make the students self-reliant. Among few courses, the given pie chart shows the number of students enrolled for four courses : Spoken English Course, Fashion Designing, Beauty Parlour and E-banking course. The pie diagram shows that 40% students have enrolled for the Fashion Designing Course followed by 30 % students' enrolment for Beauty Parlour course. 20% students have taken admission for Spoken English Course and only 10% for E-banking course. The diagram reveals that maximum students have shown preference for Fashion Designing course since it promises immediate employment or entrepreneurial opportunities. While the enrolment for e-banking course shows that students are yet not aware of the importance and convenience of online transactions.

STATE-WISE POPULATION : INDIA (2011)

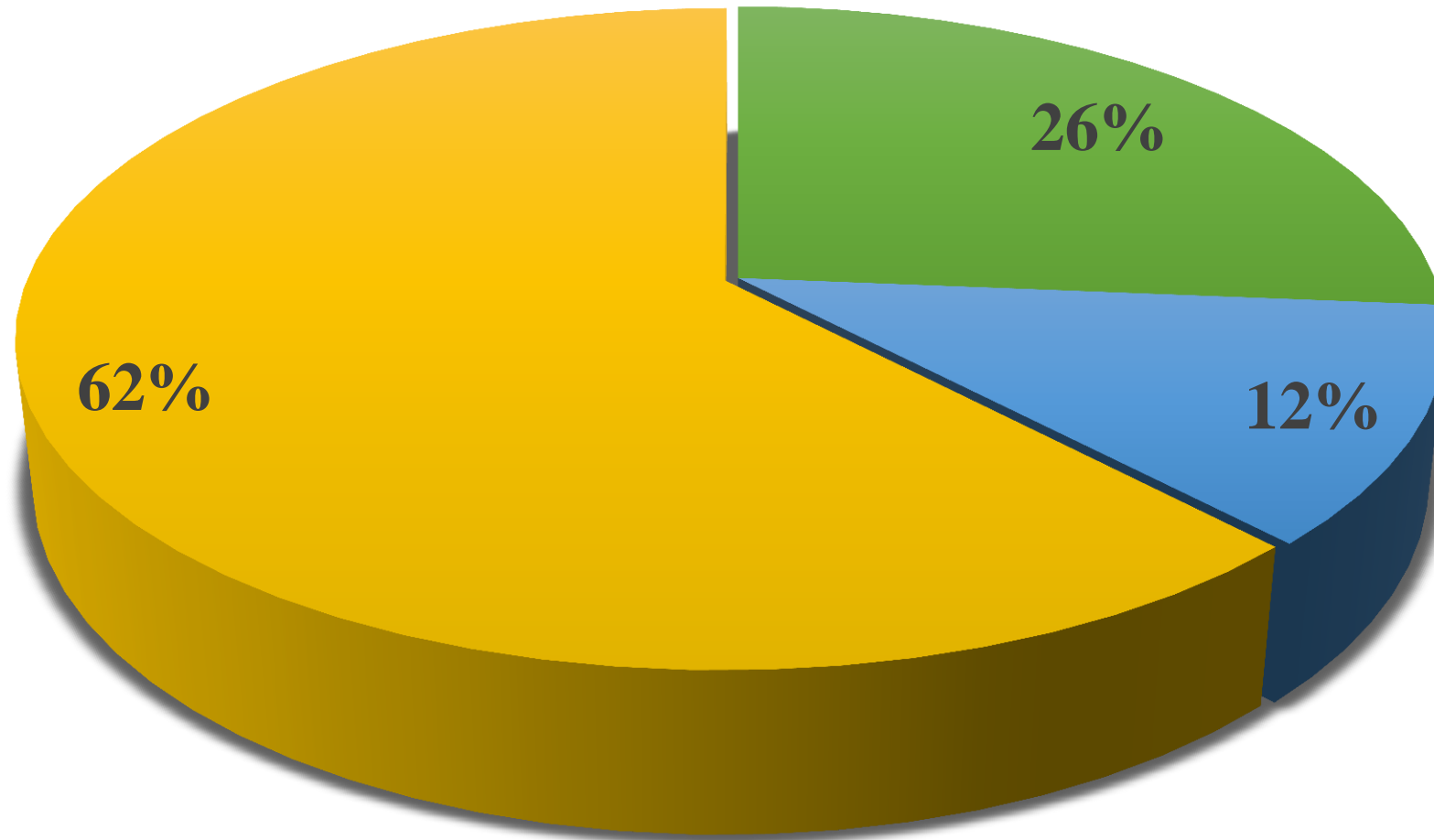
■ UP ■ Maharashtra ■ MP ■ Rajasthan ■ Gujarart ■ Chhattisgarh



Literacy In India



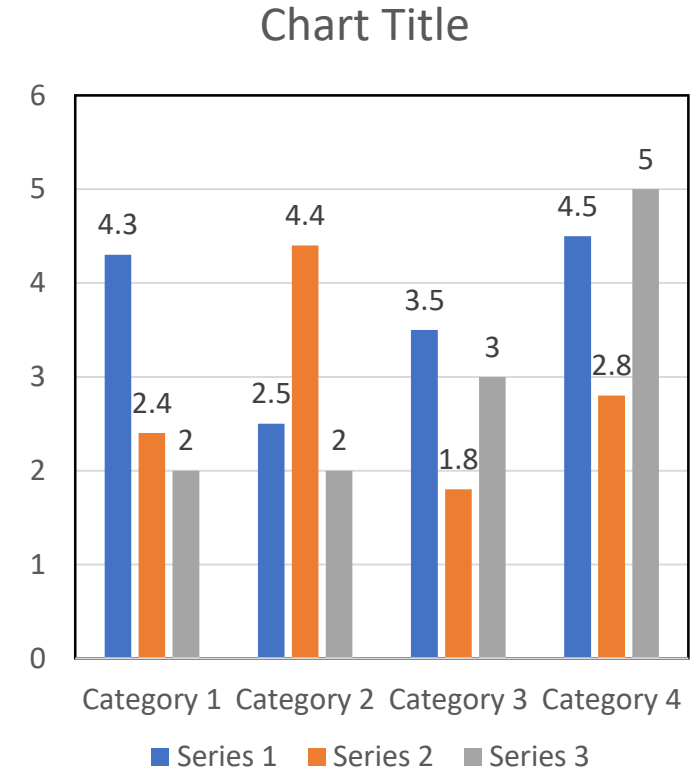
COVID 19 CASES BY AGE RANGE



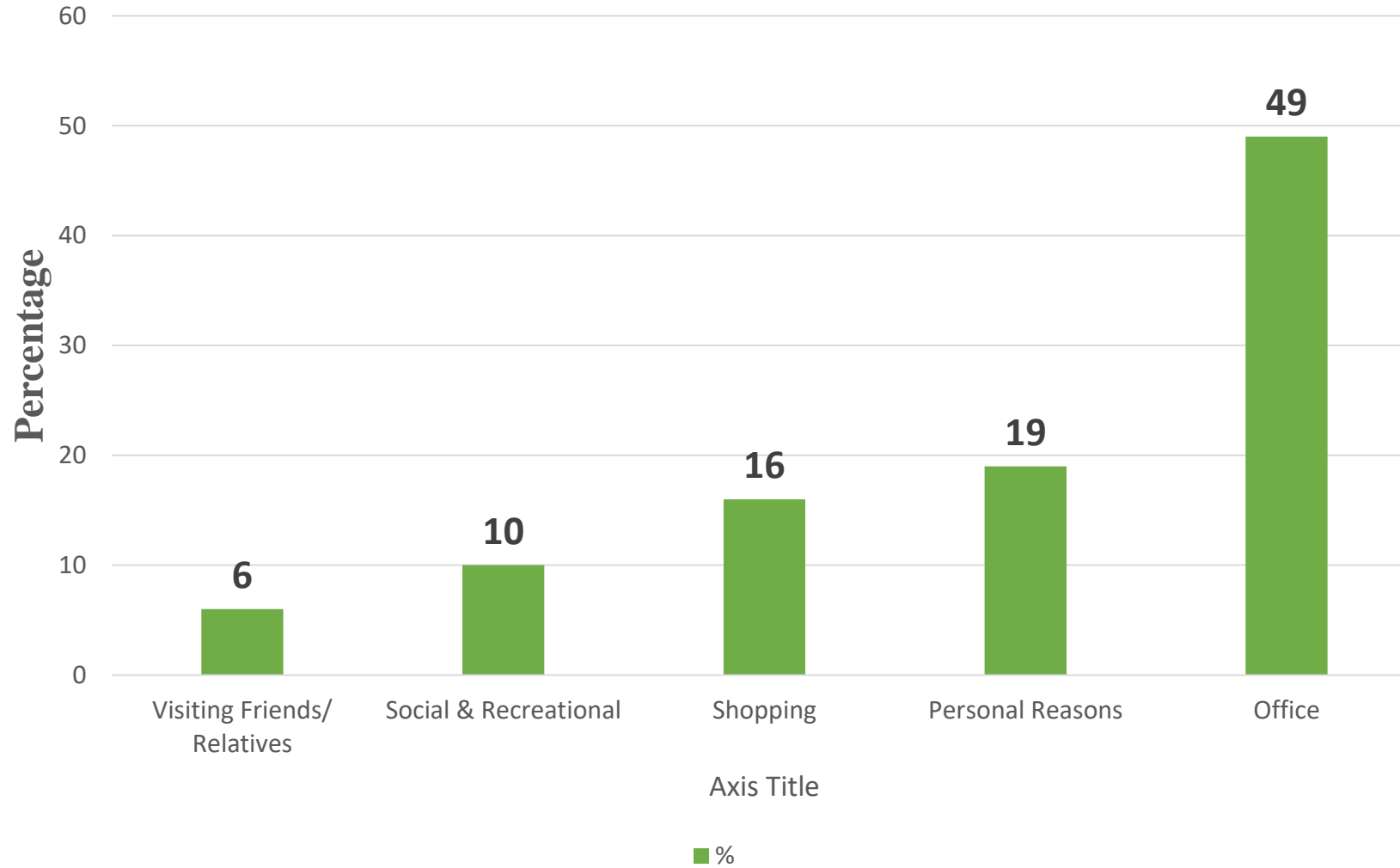
■ 50-60 ■ 0-19 ■ 20-49

Bar Diagram

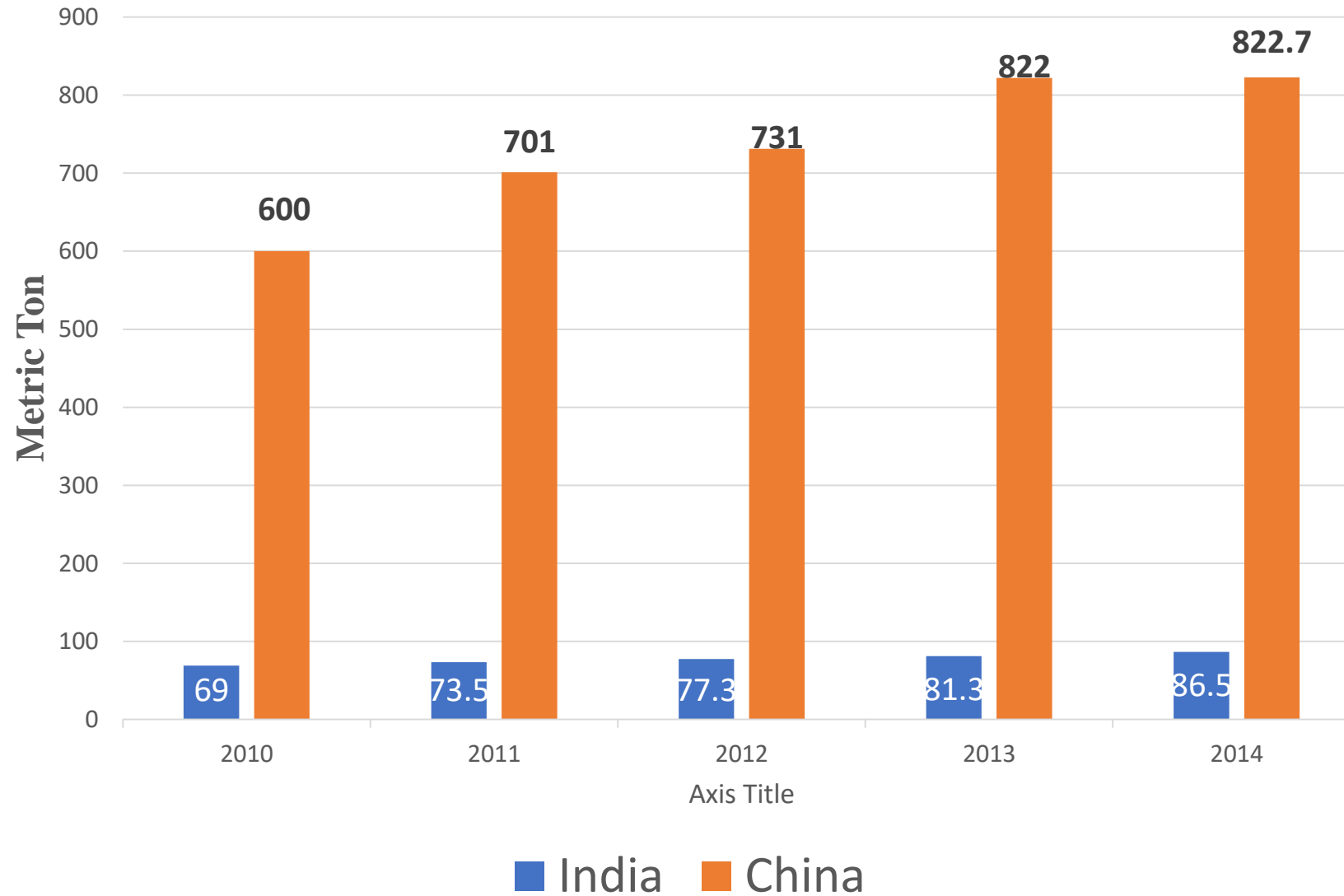
- **Shows Qualitative levels**
- **Independent Variables**
- **Consists of** an Axis and a series of labelled horizontal or Vertical bars with different Values
- **Useful for Fast Comparisons**
- **for Showing – Proportions**
- **Trends**
- **Comparisons**
- **Contrasts**



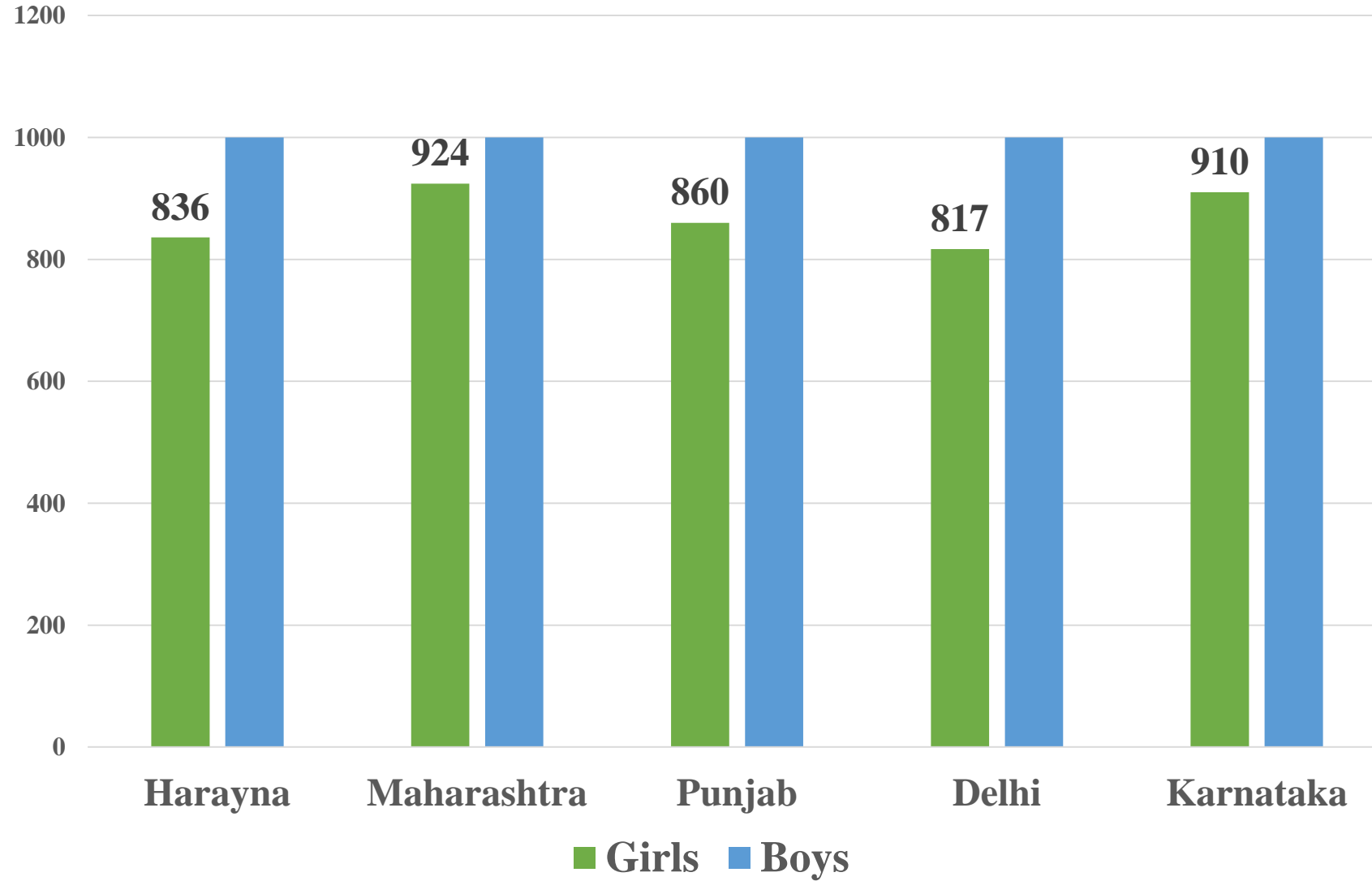
Reasons For Travel



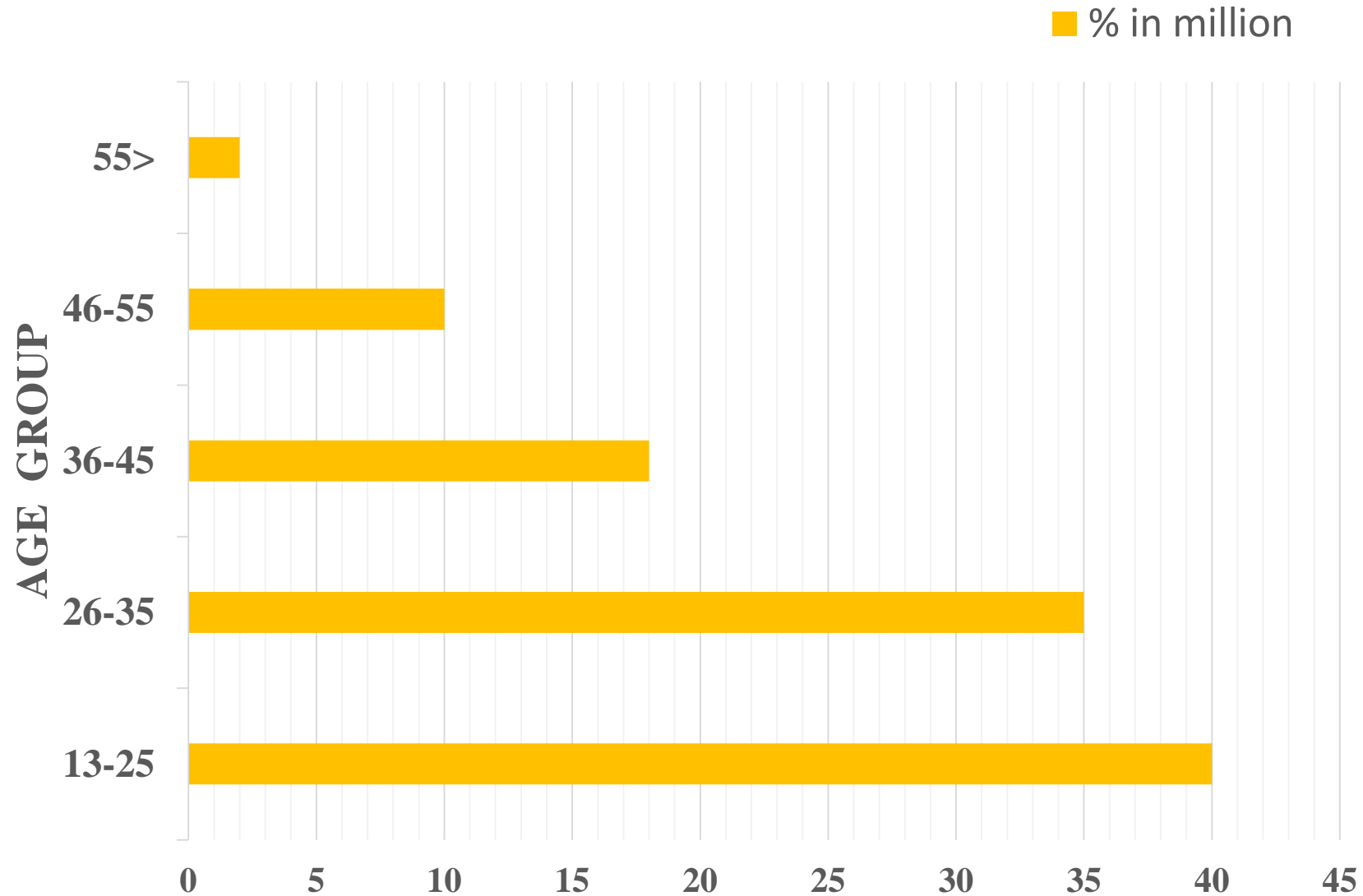
Steel Production In India and China



Sex Ratio in India



Use of Internet within age group in India

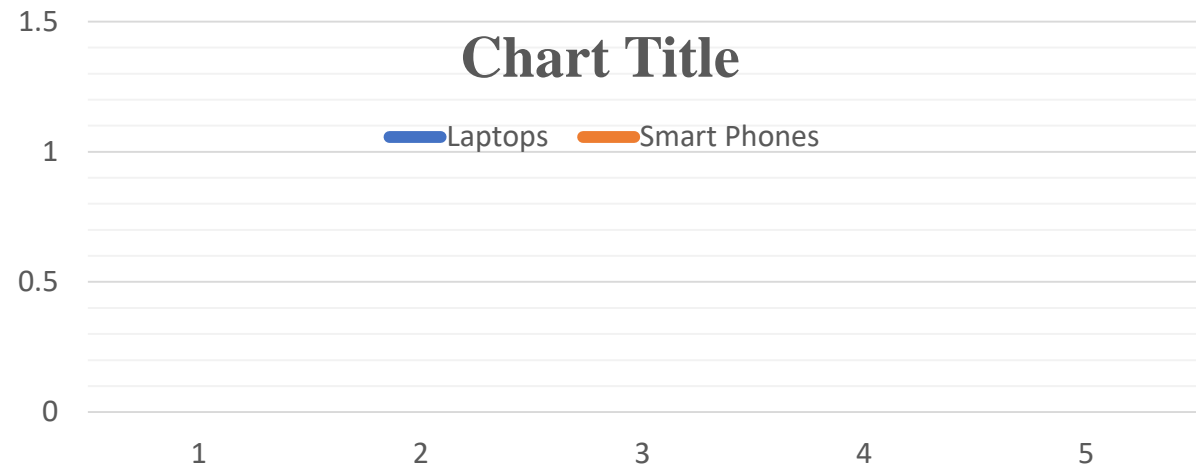


Bar Diagram : Non-Verbal to Verbal

Title : Use of Internet within age group in India

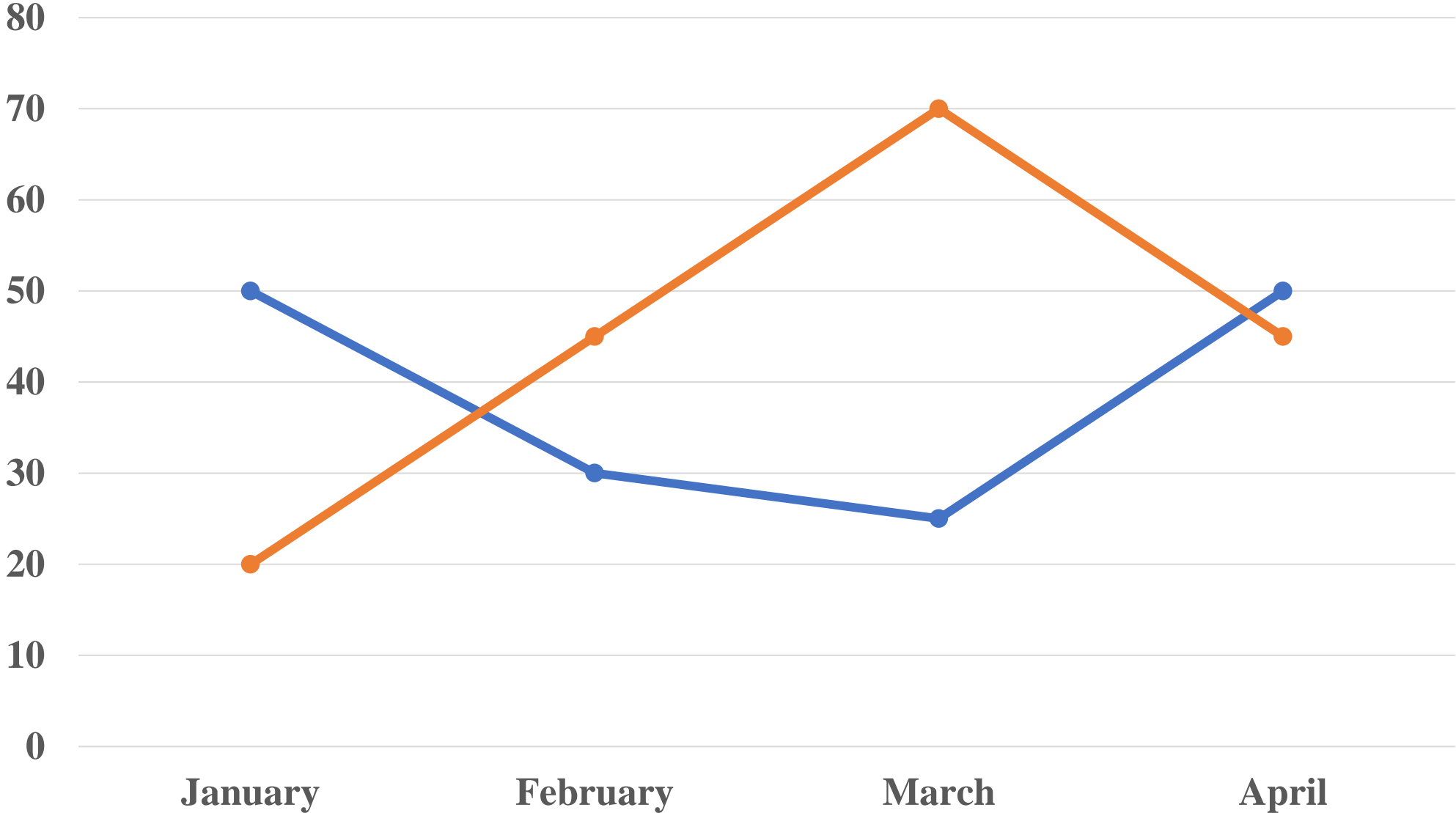
The given bar diagram shows the use of internet within the age group in India. The diagram shows that nearly 40 million youth between 13 to 25 years of age use internet extensively. While 35 million of the Indian internet use base is between 26 to 35 years old. 18 million people in 36 to 45 age group use minimum Internet compared to the youth. Whereas 10 million elders between 46 to 55 and only 2 million people above 55 years of age make minimal use of internet.

Line Graph



- **Set of crosses or dots/ data points which are joined together forming a line/**
- **Usage : Shows how two or three quantities Or two pieces of information are related to each other in a period of time.
: Shows how they are different from each other.**
- **Useful to show the trends or developments OR for explaining the growth / decline in certain field.**

Sale of Laptops and Smart Phones

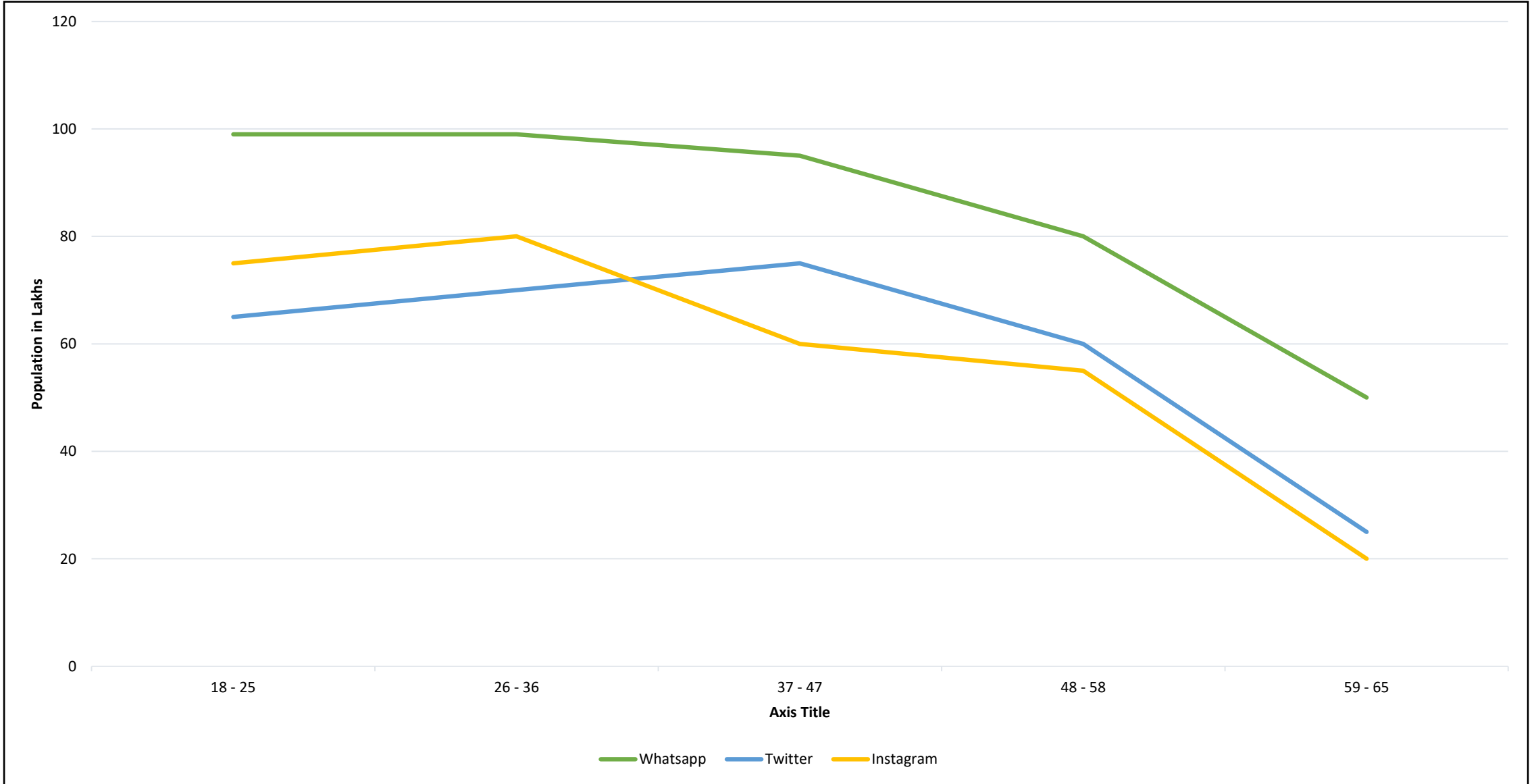


● Laptops ● Smart Phones

Line Graph: Interpretation

The given line graph shows the comparative sale of Laptops and Smart phones from January to April. The x axis shows the months in which both the products were sold. The vertical Y axis gives us an information of the sale in lakhs in the given months. The graph clearly reveals that from January to March both the products were in demand. However, there was increasing demand for smartphones in the initial 3 months but it dropped in April ; while the demand for laptops which was higher in January got decreased in February and March but raised in April. In January the sale of laptop was high i.e. up to 50 lakh laptops were sold compared to 20 lakh smartphones. However, the sale of smartphones in February was raised up to 45 lakh while the sale of laptops decreased i.e. only 30 lakh laptops were sold in the month. In March the sale of smartphones increased more and went up to 70 lakhs while only 25 lakh laptops were sold. The people showed more preference for smartphones than laptops. However, there is remarkable change the sale of both the products in April. The sale of smartphone dropped by 45 lakhs; while 50 lakh laptops were sold in the month.

Use of Social Media Within Age Groups





Thank
you