

# DEPARTMENT OF ENGLISH



## **Q**uestionbank

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**Academic Year : 2016-2017**

**HS6151 : TECHNICAL ENGLISH – I**

**(Common to all branches)**

## READING COMPREHENSION

1. (a) **Match the ideas given below with the options provided and complete the sentence.**

The behaviour of earth quake is the evidence to show that

- i. The outer layer is not semi-solid.
- ii. The interior of the earth is not solid.
- iii. The interior layer consists of compressed rock.
- iv. Earth quakes can be controlled.

**BTL 2**

- (b) **Complete the sentence by matching the ideas given below with the options provided.**

The progress in the field of Chemistry has helped in

- i. The development of many types of industries.
- ii. The progress of space research.
- iii. The innovations in the communication field.
- iv. The increase of computers.

- (c) **Use the appropriate option and complete the sentences.**

**India and Russia build BrahMos missiles on-----**

- i) Working separately.
- ii) Working abroad.
- iii) Collaboration.
- iv) Working in native country.

**BTL 2**

- 2) **Read the passage and answer the questions that follow it.**

Considering the enormous number of things which could turn a space mission into a fatal disaster, it is remarkable that there have been so few accidents. 1967 was a bad year; in January, the Americans lost three astronauts in a fire which occurred during tests on the ground and, in April, the Russians lost astronaut Komarov landing after sixteen successful Earth orbits. The accident was due to a parachute failure. Neither of these tragedies was quite what the world had expected. It was feared that one day astronauts would be stranded in space, alive but with no possibility of returning to Earth. This almost happened in 1970 during the flight of Apollo 13.

The life-support and other systems of spacecraft are interlinked. This means that if one system fails it is likely to cause other systems to fail too. Designers have tried to avoid disasters by duplicating important pieces of equipment; for example, Apollo has no less than three fuel cells. Even so, a breakdown in the service module of Apollo 13 was nearly fatal. On 13 April, one of the low temperature oxygen tanks in the service module suddenly broke open; the explosion probably damaged the other oxygen tank close beside it. The exact reason for the explosion may never be known. The important point to note is that the oxygen from these tanks is not only used by the crew but also feeds the fuel cells and the fuel cells produce electrical power and water. So, one failure immediately caused a major power failure affecting nearly every system in the command module and produced a shortage of oxygen and water for life-support.

The safe return of the astronauts was due to their ingenuity and powers of improvisation. They managed to adapt their equipment. They were able to use it for different purposes from those for which it had been originally intended.

Intelligence and the ability to use limited resources for self-preservation have always been admired by writers of adventure books. The shipwrecked sailor who converts bits of wreckage into a raft and an explorer who makes a bow and arrow from branches and boot laces are considered heroes because they survive by their own wits. Many people thought that the advanced technology of space flight ruled out all opportunities for makeshift repairs, but Apollo 13 proved them wrong. Luckily, at the time of the accident the lunar module was still joined to the command and service modules and the lunar module had most of the things urgently needed by the disabled modules. The spacecraft was not on a free return trajectory, one which would bring it round the moon back to Earth, and rocket power was needed to bring it into such a trajectory. Without a proper power supply, the rocket of the service module could not be fired; the rocket of the lunar module had to be used instead. Inside this module, there was a supply of oxygen, water and power, and a guidance system. Though it was designed for a crew of two for only about thirty hours, and intended for landing on the moon, this vehicle became the lifeboat of Apollo 13.

Life for the three crew members was difficult but bearable. A lunar module cannot re-enter the Earth's atmosphere without burning up, so the crew had to return to the command module, jettison their lifeboat and the service module, and turn themselves into the right position for re-entry, hoping that their heat-shield had not been damaged by the explosion of the oxygen tank. Re-entry and recovery were totally successful.

**(a) Write a response which best reflects the meaning of the text.**

**i. 1967 was**

1. A good year for the Russians and Americans.
2. A good year for the Americans but not for the Russians.

3. A bad year for the Americans and the Russians.
4. A bad year for the Americans but not for the Russians.

**ii. Why was the breakdown of the oxygen supply so important?**

1. Because it could cause an explosion.
2. Because they could not fire their rocket without it.
3. Because they never found out the reason for it.
4. Because it affected all the systems in the module.

**iii. The astronauts survived because**

1. The command module was not very badly damaged.
2. The lunar module was intended as a lifeboat.
3. They managed to improvise.
4. They had read a lot of adventure stories

**iv. How did the astronauts get back into the atmosphere from space?**

1. By using a parachute.
2. By going back into the command module.
3. By staying in the service module.
4. By burning the lunar module.

**(b) State whether the following statements are true or false.**

- i. The Americans lost an astronaut when his parachute did not open.
- ii. People expected that someday astronauts would be left in space.
- iii. Makeshift repairs are impossible in space.
- iv. The spacecraft was on a trajectory which would have brought in back to earth.
- v. Life for the astronauts in Apollo 13 was unbearable.
- vi. The heat-shield of the command module had been damaged by the explosion.

**(c) Choose the definition which best reflects the meaning of the word as it is used in the text.**

**i. Fatal**

1. Causing injury
2. Causing death
3. Causing illness
4. Causing failure

**ii. Stranded**

1. Delayed
2. Isolated
3. Injured

- 4. Killed
- iii. **Jettison**
  - 1. Get off
  - 2. Turn over
  - 3. Throw away
  - 4. Break down
- iv. **Makeshift**
  - 1. Expensive
  - 2. Elaborate
  - 3. Technical
  - 4. Improvised
- v. **Wits**
  - 1. Endurance
  - 2. Experience
  - 3. Intelligence
  - 4. Connections
- vi. **Ruled out**
  - 1. Ruined
  - 2. Excluded
  - 3. Improved
  - 4. Justified

### 3. **NOTEMAKING**



**Read the following passage carefully and make meaningful notes.**

“Even God cannot sink her”, proudly said Captain Edward Smith. R.M.S. Titanic, the biggest and greatest ship left from Southampton on 10<sup>th</sup> April 1912 with 1316 board members and 891 crew members. The ship had to reach New York. First four days went in joy, flourishing all through the ship with new friendship. On the daybreak of 14<sup>th</sup> April, radio news said about the intervention of ice bergs on the way of the ship. The crew neglected the message that the 36,000 tone weighing ship can break through them.

That night around 11.40 p.m. one of the outlooks of the ship Mr.Fredrick Fleet saw some white mass which on nearing grew to a big ice mountain. He immediately passed on the information to the cabin crew. The crew, by the order of the Captain, tried its best to avoid the collision, but it was of no use. Like a giant axe, it cut the side portion of the ship. Within seconds, water rose to fourteen feet in the lower deck. Titanic’s designer Mr.Thomas Andrew, with horror-stricken eyes said, “She is sinking. At the maximum she will be for 2 hours.

Adding to irony was the less number of life boats in which not half the number of boarders could escape. Immediately, Captain Smith ordered for sending women and children, mostly lower class ladies. Boys above the age of 14 were strictly kept on board. A boy who tried to escape by hiding in his mother's clothes was pulled out and advised. "Don't be a coward". Wives were separated from their husbands; girls from their beloved ones; mothers from their sons and were pushed into life boats. When the life boats moved away from the ship, it was almost half-sunk.

Now the men on board, with shivering hands started playing cards; some had their last peg of drink; but most of them sat and prayed to God. The Titanic Orchestra began to play a famous devotional song, "O God! We are near you". Some survivors said until the whole ship was sunk their music was heard. Some people jumped into the sea water to escape by swimming, but who could survive in that 4 degree Celsius cold without proper dresses. Captain Edward Smith was seen on the top deck in full uniform sinking with the Royal Mail Steamer Titanic.

California, another ship just 500 m away from the Titanic could have saved most of the lives of the boarders but the radio room was shut down by 10 p.m. Carpetia, another ship on receiving signals from the Titanic rushed to the site of accident, but could reach there only around 5 a.m. the next day to pick up the survivors.

The graveyard of Titanic is still kept a secret, so that its external sleep is undisturbed.

# UNIT-I

## PART-A

1. a) **Fill in the blanks with suitable Prepositions.**

**BTL 3**

The waste heat-----power plants is cooled -----two reasons, to comply -----the thermal pollution regulations and to gain greater efficacy. This will be useful----- environmental protection.

b) **Supply suitable Prepositions in the blanks provided.**

**BTL 3**

One of the important benefits ----- machine civilization is that our standard of life has improved. There is much more variety ----- our lives. We have a wide choice of everything ----- wrist watches to flash lights. Food from any part of the world can be obtained ----- any season of the year.

c) **Fill in the blanks with appropriate Prepositions.**

**BTL 3**

- 1) The apartment consists ----- three bed rooms, a kitchen and two bath rooms.
- 2) The accident took place because of my fault. So I had to pay ----- the damage.
- 3) It is terrible that some people are dying ----- hunger while others eat too much.
- 4) You know that you depend ----- me whenever you need help.

2. **Frame WH questions.**

**BTL 3**

- a) Oppenheimer was born in New York.
- b) Sixty students visited the Company.
- c) She was reading the book for three hours.
- d) Spain won the FIFA World Cup in the finals in the year 2010. (Which)
- e) Brazil shall host the 2014 World Cup in June-July. (When)
- f) Brazil has won the World Cup five times. (How many)
- g) Maradona of Argentina was the great player in 1986. (Who)
- h) I should reduce my socializing time in order to improve my grades. (Why)
- i) She spends most of her time in watching films. (How)
- j) I washed my motor cycle last week. (When)

- k) He lived in Chennai for three years. (How long)
- l) The Qingzang railway connects Beijing and Lhasa in Tibet.(Which two)
- m) The railway was opened in the year 2006. (When)
- n) The railway line is 195 km long. (How)
- o) The average temperature in the region is -45 degrees. (What)

**BTL 3**

**3. Fill in the blanks with suitable verbs.**

- a) A decade ago, the most vehement opposition to computerization ----- (come) from people who ----- (believe) that it ----- (lead) to unemployment. There ----- (be) a hue and cry over this.
- b) VAT system at the state level----- (be) a better system that we ----- (have) before April 1, 2005. The white paper rightly ----- (point out) VAT ----- (be) indeed a move towards more efficiency, equal competition and fairness in the taxation system.
- c) Environmental Protection ----- (become) a major movement the world over. Many activists ----- (make) it a life time mission. All over the world, there ----- (be) major movements to clean the world's environment by growing more forests, controlling chemical pollution and creating awareness. Governments the world over ----- (work) towards, creating better laws and an institutional frame work for a cleaner environment.
- d) Rajesh ----- (work) as a farmer in village near Salem till June 1990. In July, 1990, he ----- (change) his profession. After the change he ----- (migrate) to Chennai and by hard work he became rich. At present, he ----- (be) the owner of two factories in the city.
- e) British Columbia \_\_\_\_\_(be) the third largest Canadian province both in area and population. It is nearly three times as large as Texas, and extends 800 miles (1,280 km) north from the United States border. It \_\_\_\_\_(includes) Canada's entire west coast and the islands just off the coast. Most of British Columbia is mountainous, with long, rugged ranges running north and south. Even the coastal islands \_\_\_\_\_(be) the remains of a mountain range that \_\_\_\_\_(exist) thousands of years ago. During the last Ice Age, this range was scoured by glaciers until most of it was beneath the sea. Its peaks



now show as islands scattered along the coast.

f) I'm a student of the University and I \_\_\_\_\_ (come) here a ago. I \_\_\_\_\_ (live) in my hometown before that. I \_\_\_\_\_ (enjoy) my days in the college and \_\_\_\_\_ (plan) to do my best.

g) A decade ago, people \_\_\_\_\_ (complain) about computerization. Today, we \_\_\_\_\_ (know) that without the use of computers no system \_\_\_\_\_ (function) and more people \_\_\_\_\_ (start) learning computer programmes.

**4) Match the words in Column A with the words in Column B.**



A		B	
1. Appropriate	-	(a) a view of the landscape	
2. Disease	-	(b) a method of printing	
3. Offset	-	(c) illness	
4. Panorama	-	(d) suitable	

A		B	
1. Array	-	(a) metallic element	
2. Uranium	-	(b) sphere	
3. Globe	-	(c) order	
4. Impediment	-	(d) hindrance	

5.

a) **Fill in the blanks with appropriate forms of word.**



**Verb**

**Noun**

**Adjective**

-----

comfort

comfortable

compel

-----

compulsive

conclude

conclusion

-----

continue

-----

continual

-----

belief

believable

compare

-----

comparative

-----

enjoyment

enjoyable

b) **Fill in the blanks with the appropriate forms of words.**



**Noun**

**Verb**

1. allotment

-----

2. advice

-----

3. depth

-----

4. information

-----

c) **Fill in the blanks with appropriate forms of words.**



**Noun**

**Person Concerned**

**Adjective**

Environment

-----

-----

-----

-----

ecological

-----

conservationist

-----

Nature

-----

-----

6. **Fill in the blanks with the appropriate form of the underlined word.**



a) The lecturer demonstrated the experiment and the students listened to the \_\_\_\_\_ very

- attentively.
- b) They observed the readings and made entries in the \_\_\_\_\_ note book.
  - c) The release of CO<sub>2</sub> into the atmosphere leads to the production of greenhouse gases. The industries \_\_\_\_\_ plenty of such gases.
  - d) The Principal recommended the student for a scholarship and gave a \_\_\_\_\_ letter.
  - e) My uncle was promoted as the chief engineer and this \_\_\_\_\_ came after he completed 15 years.
  - f) The windmills in our district generate 100 megawatt power and the \_\_\_\_\_ of power will improve in August.
  - g) The application of nano-technology is seen in all disciplines. Doctors \_\_\_\_\_ it in medical implants.
  - h) Due to the good rains, the crops are ready for harvest .The \_\_\_\_\_ grains can be sold for a good price.

**7 a. Form words using the following affixes and suffixes.**

**BTL 1**

- 1. Multi-----
- 2. Proto-----
- 3. -----sion
- 4. Port-----

**b. Form words using the following affixes and suffixes.**

**BTL 1**

- 1. Geo-----
- 2. Tang-----
- 3. -----ness
- 4. -----ible

**8) Give the antonyms of the following words using negative prefixes given in brackets**

**BTL 1**

(dis, in,un,re)

- a) Unite
- b) Appropriate
- c) Prove
- d) Popular
- e) Decent
- f) Resistible
- g) Interesting
- h) Accurate
- i) Familiar
- j) Efficient

- k) Significant
- l) Approve

## UNIT-II

### PART-A

#### IMPERATIVE FORMS

BTL 3

##### 1. Change into imperative forms.

1. The project work should be completed on time.
2. Care should be taken not to damage the machinery.
3. An oxy-acetylene torch should be used for welding.
4. These instructions should be strictly adhered to.
5. You should avoid heating the metal beyond its critical temperature.
6. The vessel should be cleaned thoroughly.
7. The metal plates should be clamped together.
8. The pedestrians should cross at the zebra crossing.
9. You should avoid using cell phone while crossing.
10. The criminals should be punished severely.
11. The car driver should wear safety belts while driving.
12. The building work should be completed before this month.
13. Care should be taken to squeeze out the whole of the flux.
14. No dirt should be left on them.
15. Villagers should be educated.
16. The metal should be heated for some more time.
17. The brake should be checked periodically.

#### COMPOUND NOUNS

BTL 3

##### 2. Expand the following Compound Nouns.

1. Air supply
2. Battery Car
3. Blast furnace
4. Coal gas
5. Diesel engine
6. Energy source
7. Friction losses

8. Gas jar
9. Heat transfer
10. Machine Language
11. Mass production
12. Metal tubes
13. Power cable
14. Power transmission problems
15. Shoe factory site announcement
16. Solar cooker
17. Steel tubes
18. Television mechanic
19. Water power
20. Word processor

3. a. Use the suitable Compound Nouns from the list of words to complete the following sentences.

**BTL 3**

[piece, birthday, exercise, holidays, juice, party, book, summer, scissors, pen, orange]

- a) She was extremely sad because she could not find her \_\_\_\_\_.
- b) My friend advised me to attend a foreign language course during \_\_\_\_\_.
- c) In the canteen, we can get \_\_\_\_\_ only. But we prefer either coffee or tea.
- d) My boss has planned to celebrate his birthday in a grand manner. He invited me to attend his \_\_\_\_\_ at a five star hotel.

- b. Use the suitable Compound Nouns from the list of words to complete the following sentences.

**BTL 3**

[ petrol, coat, programme, engine, exhaust, rain, stop, pipe, valve, television, puzzle]

- a) The children are interested in watching the \_\_\_\_\_.
- b) The car is fitted with a \_\_\_\_\_.
- c) Don't forget to take your \_\_\_\_\_. It may rain in the evening.
- d) The container has acid in it. Check the \_\_\_\_\_ carefully.

- c. Use the suitable Compound Nouns from the list of words to complete the following sentences.

**BTL 3**

[exhaust, control, lab, room, circuit, digital, pipe, coat, proof, camera]

- a) My uncle gifted me a \_\_\_\_\_ for my birthday.
- b) The hot gas escaped through the \_\_\_\_\_ on the roof.

- c) A new \_\_\_\_\_ is installed in our college.  
d) The scientists monitored the path of the satellite from the \_\_\_\_\_.

## **SUBJECT- VERB AGREEMENT**



**BTL 3**

### **4 Choose the correct forms of the verbs that agree with the subjects.**

1. Either the physicians in this hospital or the chief administrator \_\_\_\_ (is / are) going to make a decision.
2. Some of the votes \_\_\_\_\_ ( seem/ seems) to have been miscounted.
3. He seems to forget that there \_\_\_\_\_ (is/ are) things to be done before he can graduate.
4. A high percentage of the population \_\_\_\_\_ (is/are) voting for the new school.
5. One of my instructors \_\_\_\_\_ (has/have) written a letter of recommendation for me.
6. Either the Committee on Course Design or the Committee on College Operations \_\_\_\_\_ (decide /decides) these matters.
7. John or his brother \_\_\_\_\_ (is/ are) going to be responsible for this.
8. Annie and her brothers \_\_\_\_\_ (is/are) at school.
9. Either my mother or my father \_\_\_\_\_ (is/ are) coming to the meeting.
10. The dog or the cats \_\_\_\_\_ (is/are) outside.
11. Either my shoes or your coat \_\_\_\_\_ (is/ are) always on the floor.
12. George and Tamara \_\_\_\_\_ (doesn't/ don't) want to see that movie.
13. Benito \_\_\_\_\_ (doesn't/ don't) know the answer.
14. One of my sisters \_\_\_\_\_ (is/ are) going on a trip to France.
15. The man with all the birds \_\_\_\_\_ (live/ lives) on my street.
16. The movie, including all the previews \_\_\_\_\_ (take/ takes) about two hours to watch.
17. The players, as well as the captain, \_\_\_\_\_ (want/ wants) to win.
18. Either answer \_\_\_\_\_ (is/ are) acceptable.

19. Every one of those books \_\_\_\_\_ (is/ are) fiction.
20. Nobody \_\_\_\_\_ (know/ knows) the trouble I've seen.
21. \_\_\_\_\_ (Is/ Are) the news on at five or six?
22. Mathematics \_\_\_\_\_ (is/ are) John's favourite subject, while Civics \_\_\_\_\_ (is, are) Andrea's favourite subject.
23. Eight dollars \_\_\_\_\_ (is/ are) the price of a movie these days.
24. There \_\_\_\_\_ (was/ were) fifteen candies in that bag. Now there \_\_\_\_\_ (is/ are) only one left!
25. The driver along with the conductor \_\_\_\_\_ (was/were) arrested for the accident.
26. Working for late hours in the night \_\_\_\_\_ ( is/are) not good for health.
27. Neither the teacher nor the students \_\_\_\_\_ (are/is) interested in the project.
28. The book borrowed from the library \_\_\_\_\_ (is/are) on my table.
29. Many a student \_\_\_\_\_ (has/have) made the same mistake.
30. One of the books \_\_\_\_\_ (has/have) been missing.
31. None of my friends \_\_\_\_\_ (was/were) there.
32. Suresh or Joseph \_\_\_\_\_ (is/are) likely to be voted this year's president of the students' Union.
33. Neither Kumar nor his brother \_\_\_\_\_ (is/ are) qualified for the finals.
34. An electronic computer \_\_\_\_\_ (solves/solve) difficult problems quickly.
35. Many colleges \_\_\_\_\_ (do not/does not) have computers in the language labs.

## CONNOTATION

5. a. **Select the word with the appropriate positive connotation to complete the following sentence.**

**BTL 1**

Most teachers think that Blanche is a very \_\_\_\_\_ young woman.

Tenacious            stubborn            determined            obstinate

- b. **Select the word with the appropriate positive connotation to complete the following sentence.**

**BTL 1**

As the boys played video games, their parents \_\_\_\_\_ them.

glared at                  scrutinized                  studied                  watched

- c. **Select the word with the appropriate positive connotation to complete the following sentence.**

**BTL 1**

My history teacher gives very \_\_\_\_\_ assignments.

challenging                  taxing                  perplexing                  demanding

- d. **Select the word with the appropriate positive connotation to complete the following sentence.**

**BTL 1**

After graduating from college, my best friend has very \_\_\_\_\_ plans for his future.

pretentious                  ruthless                  grandiose                  ambitious

- e. **Select the word with the appropriate neutral connotation to complete the following sentence.**

**BTL 1**

The teacher's job is not as objective as it may seem at first; in fact, it is quite \_\_\_\_\_.

unfair                  slanted                  biased                  subjective

- f. **Select the word with the appropriate neutral connotation to complete the following sentence.**

**BTL 1**

Given the recent \_\_\_\_\_ college standards, it seems as though anyone can get an advanced degree, nowadays.

plummeting                  plunge in                  decline in                  demise of

- g. **Select the word with the appropriate denotation to complete the following sentence.**

**BTL 1**

Some of the books we read are full of \_\_\_\_\_ claims. So they are difficult to absorb in just one reading.

complicated                  complicit                  compliant                  complex

- h. **Select the word with the appropriate denotation to complete the following sentence.**

**BTL 1**

\_\_\_\_\_ the course work is rigorous, but the teacher tries to make it accessible.

For all interested purposes                  For all intense purposes

For all intensive purposes                  For all intents and purposes



i. Select the word with the appropriate denotation to complete the following sentence.

Our professor's false British accent is a humorous \_\_\_\_\_

infect                  effect                  affect                  prefect

BTL 1

j. Select the words with the appropriate denotation to complete the following sentence.

Just because you have \_\_\_\_\_ change in the school system does not mean you will always achieve your desired \_\_\_\_\_.

effected/effect    effected/affect    affected/affect

BTL 1

k. Choose the best word from the four options that can be used for the meaning given.

a) The gradual development of something

(i) Beginning                  (ii) Revolution  
(iii) Evolution                  (iv) Production

b) The design and study of a building

(i) Architecture                  (ii) Construction  
(iii) Designing                  (iv) Structure

c) An instrument to examine minute things

(i) Telescope                  (ii) Nano particles  
(iii) Electronics                  (iv) Microscope

d) One who can plan the future with intelligence

(i) Philosopher                  (ii) Theology  
(iii) Visionary                  (iv) Futurist

BTL 1

6. Fill in the blanks with positive connotations.

1. I recognized the familiar smell (stench/ aroma) of my roommate's cooking.
2. Scruple is an inexpensive (cheap / thrifty ) meal.
3. Kevin's interest in model cars has turned into a hobby (obsession / a vocation ) .
4. Uncle Henry lives in a hut (shack / cabin ) deep in the woods.
5. Phileas Fogg was an adventurous (foolhardy / courageous) traveller.

BTL 1

**7. Fill in the blanks with negative connotations.**

1. We stopped for lunch at a diner (greasy spoon / café ) in West Virginia.
2. My parents are committed conservationists .(tree huggers / environmentalists)
3. My old (decrepit / venerable) laptop has finally died.
4. In a quiet and stealthy (sneaky / cunning) way, Bartleby moved into the lawyer's chambers.
5. The teacher was mildly intimidated by Merdine's assertive (bossy / confident) behaviour.

**DEFINITIONS**

**8. Define the following.**

- |                           |                |
|---------------------------|----------------|
| 1. Clock                  | 17. Monitor    |
| 2. Solar cell             | 18. Malware    |
| 3. Mouse                  | 19. Dam        |
| 4. Appropriate technology | 20. Sump       |
| 5. High Technology        | 21. Robot      |
| 6. Laser Technology       | 22. Coolant    |
| 7. Parachute              | 23. Lubricant  |
| 8. Piston                 | 24. Satellite. |
| 9. Type Writer            | 25. Sun        |
| 10. Catalyst              | 26. Chip       |
| 11. Computer graphics     |                |
| 12. Printer               |                |
| 13. Cassette              |                |
| 14. Bridge                |                |
| 15. Flow chart            |                |
| 16. Aerial                |                |

## Part-B



**BTL 3&4**

### 9. Instructions

1. Write a set of eight instructions to be followed by students working in Chemistry Lab.
2. Write a set of eight instructions to maintain safety in temporary structures.
3. Write a set of eight instructions to be followed in college library.
4. You have bought a new mobile phone. What are the instructions that will be given in the user manual? Write any 8 instructions.
5. You have bought a new refrigerator. What are the instructions that will be given in the user manual to save power? Write any 8 instructions.
6. Write a set of eight instructions to be followed by family members to save power.
7. Write a set of eight instructions to help your friend use the laptop carefully.
8. Write a set of eight instructions to be followed by your friend going abroad the first time.
9. Write a set of eight instructions to be followed by the pedestrians.
10. Write a set of eight instructions to be followed while filling your college admission form.
11. Write a set of eight instructions to save petrol.



**BTL 3&4**

### 10. Recommendation

1. Write a set of eight recommendations to save water.
2. Write a set of eight recommendations to maintain a two wheeler.
3. Write a set of eight recommendations to improve health service in government hospitals.
4. Write a set of eight recommendations to ensure road safety.
5. Write a set of eight recommendations to keep your college clean and green.
6. Write a set of eight recommendations to maintain a good rapport in professional relationships.
7. Write a set of eight recommendations for a student who is going to attend Campus Interview.
8. Write a set of eight recommendations to maintain a refrigerator.
9. Poverty is a major problem in rural areas and the villagers suffer a lot because of their inability to fulfil their basic needs. Write a set of eight recommendations to improve their standard of life.
10. Fuel prices keep going up day by day. Write a set of eight recommendations that people should follow to conserve oil and petrol.



**BTL 5**

### 11. Process Description

1. Describe the process of opening a new mail ID.
2. Describe the process of preparing coffee.

3. Describe the process of opening a new bank account.
4. Describe the process of filling a college application form.
5. Describe the process of booking a train ticket.
6. Describe the process of helping an injured person in an accident.
7. Describe the process of organizing a cultural festival in college.

## UNIT-III

### PART A

**BTL 4**

#### 1. Different Grammatical Forms of the Same Word.

Use the following words both as verbs and as nouns in sentences of your own.

1. Act
2. Address
3. Admit
4. Aim
5. Answer
6. Approach
7. Book
8. Coat
9. Contact
10. Control
11. Convict
12. Delight
13. Exercise
14. Express
15. Fan
16. Finish
17. Fire
18. Glow
19. Handle
20. Heat
21. Influence
22. Joke
23. Lift
24. Like
25. Look

2. Fill in the blanks with the comparative forms of the words given in brackets.

BTL 3

1. My house is (big) ----- than yours.
2. This flower is (beautiful) ----- than the other one.
3. This is a (interesting) -----book than other books that I have ever read.
4. Non-smokers usually live (long) ----- than smokers.
5. Lead is (heavy) ----- than all other metals.
6. A holiday by the sea is (good) ----- than a holiday in the mountains.
7. Mango is (sweet) ----- than pineapple.
8. Tennyson is not (great) ----- than some other poets.
9. The weather, this summer is even (bad) ----- than last summer.
10. Ashok was not (wise) ----- than he is.

3. Fill in the blanks in the following passages with appropriate forms of the verbs.

BTL 3

1. Then a strange blight ----- (creep) over the area and everything begins ----- (change).  
Some evil spell ----- (settle) on the community: mysterious maladies ----- (sweep) the flock of chickens.
2. The time may come when ----- (own) a computer will become as common as ----- (own) a wrist watch.
3. Nuclear fuels give out dangerous and very ----- (penetrate) radiation. During fission even more radiation is ----- (produce). This ----- (radiate) is harmful even in small quantities. It ----- (attack) living tissues .
4. Over the last forty years computers ----- (develop) dramatically. The first computers --- ---- (can do) relatively few calculations per second, whereas the present mainframe can carry out many instructions each second.
5. All fabric materials used to ----- (decoration) and coir ropes used to ----- (construction) and -----(decoration) temporary structures should be ----- (dip) in a fire retardant solution before use.
6. Before a house ----- (build) secure foundations have ----- (lay). Simply because the foundations cannot ----- (see) by prospective buyers, it ----- (not mean) that they are not the most important part of the building.
7. When the theatre collapsed last night, several people ----- (kill). Many more ----- (kill) if the tragedy ----- (occur) half an hour later when the main film was due to ----- (show).
8. The newly ----- (appoint) employees in any industry have to ----- (train) to get themselves ----- (introduce) to their new employer's work environment and to be ----- (teach) to perform specific tasks.

9. Then the man ----- (see) the gun I ----- (carry). He ----- (take) out his briefcase and ----- (gave) me some money. He ----- (say) that he ----- (be) sorry to ----- (spoil) my hunting. Obviously, he ----- (think) that I ----- (go) hunting because I ----- (have) the dog and the gun.
10. In the coming decades, road transport ----- (face) serious problems. The density automobile traffic in the cities ----- (be) so high that the roads will hardly be able to -----(accommodate) them. The only alternative ----- (be) to develop; the metros or bus facility.

#### 4. Cause and Effect

**BTL 3**

**Rewrite using 'because of', 'on account of', 'owing to', 'due to'.**

- 1) The computer produced nonsense. There was a mistake in the programming.
- 2) The information was easily stolen. There were no security checks in the system.
- 3) Silicon is used in computer chips. It has some special electrical properties.
- 4) The VDU quality was poor. There was a loose connection.
- 5) All the data was lost. The power supply was interrupted.

#### 5. Combine the following pairs of sentences using suitable cause and effect conjunctions.

**BTL 5**

- 1) Sufficient atomic power is not available. We depend on hydro-electricity.
- 2) She was late. She didn't get the job.
- 3) The steam from the boiler is wet. It has to be passed through a super heater.
- 4) The cost of our lab is high. A mechanical stroker was installed.

### Part-B

#### 6. Blog Writing

**BTL 5**

1. Write a blog on importance of friendly rapport between seniors and juniors in college.
2. Write a blog about the review of a recent film watched by you.
3. Write a blog expressing your opinion on Indians coming back to normal life after every natural calamity.

#### 7. E-mail Writing

**BTL 5**

1. Send an email to your friend sharing your experience about your college.
2. Send an email to your mother sharing your first weekend experience with your friends.
3. Imagine yourself to be the Team Leader in TCS and send a mail to your team appreciating the successful completion of the Project.

## 8. Letter Writing

**BTL 5**

1. Write a letter to your friend inviting him to your college cultural festival.
2. Write a letter to your father describing a recent cricket match in which your side won.
3. Write a letter to your mother sharing your experience in the hostel.
4. You are enrolled in the college NSS /YRC team. As part of the programme you had done social service activities. Share your experience with your friend who is studying in another college. Write a letter about the activities.
5. As students from a professional college, you are aware of the importance of reading to improve your knowledge. Write a letter to your father requesting him to send some money to buy some books. State what types of books you are to buy.
6. You are enrolled in the college Youth Red Cross team. As part of the programme, a Blood Donation Camp was organized and many young boys and girls came forward to donate blood. Write a letter to your friend about this incident and say how it was an enriching experience.
7. A book exhibition is organized in your town/city, you are planning to visit the exhibition and buy a dictionary and some story books to read. Write a letter to your father about the books you are planning to buy, their usefulness and request him to send adequate money for the same

## 9. Essay Writing

**BTL 5**

1. The impact of social networking sites on youngsters.
2. The impact of westernization in India.
3. The change of outlook brought about by IT companies in Tamil Nadu.
4. Engineering Degree –A status symbol in every home- Elaborate.
5. Electricity - an inevitable feature in every phase of life.
6. The electronic media has a great impact on the young generation. Write an essay of 300 words on the positive and negative impact of it on the youth. Give suggestion to make it more productive and useful to the young generation.
7. Global warming is one of the major crises affecting the causes and effects of it. Write an essay of 300 words identifying the causes and effects of it. Support your arguments with necessary examples.
8. Write an essay not exceeding 300 words explaining the benefits of physical exercise.
9. Write an essay not exceeding 300 words describing different ways of protecting the environment.
10. Write an essay of 300 words comparing the print media over the electronic media. Which do you find to be more effective? Support your arguments with necessary examples.

## 10. Compare and Contrast

**BTL 6**

1. Compare and contrast school life and college life.
2. Compare and contrast personal computer and palm top.
3. Compare and contrast human brain and a computer.

4. Compare and contrast a vacation in a village and a vacation in a city.
5. Compare the celebration of major festivals in cities and villages.
6. Compare life at home and at the hostel.
7. Compare and contrast the learning experience of students in Engineering colleges and Arts and Science colleges.
8. Compare and contrast human language and animal language.

## UNIT-IV

### PART A

**BTL 3**

#### 1. TENSES

**Fill in the blanks with suitable tense forms of verbs given in brackets.**

1. Weather is created by the heat of the sun. When the sun \_\_\_\_\_ (shine) on the earth, the air close to surface \_\_\_\_\_ (heat up). The higher it \_\_\_\_\_ (go), the cooler it \_\_\_\_\_ (become).
2. Now I \_\_\_\_\_ (write) the English examination
3. Tele-education or tele-course \_\_\_\_\_ (be) in the US since the early 1950s. The early programs \_\_\_\_\_ (telecast) the teacher at the black board or \_\_\_\_\_ (use) the simplest form of visual aids. Today many different forms of teaching \_\_\_\_\_ (employ).
4. Optical mice supporters \_\_\_\_\_ (claim) that optical rendering \_\_\_\_\_ (work) better than mechanical rendering. Optical mice \_\_\_\_\_ (require) no maintenance and \_\_\_\_\_ (last) longer due to fewer moving parts.
5.
  - a. The film director \_\_\_\_\_ (meet) the child star two years ago.
  - b. My grandparents \_\_\_\_\_ (live) in the same house since 1995.
  - c. My aunt \_\_\_\_\_ (arrive) last Sunday.
  - d. Water \_\_\_\_\_ (boil) at 100 degree Celsius.
6. In 1950 and 1970, most of America's energy \_\_\_\_\_ (come) from coal, oil and natural gas. But in their twenty year period, the amount \_\_\_\_\_ (produce) from coal \_\_\_\_\_ (fall) from 38% to 18.5%, while oil \_\_\_\_\_ (rise) from 36% to 44%.

#### 2. ADVERBS

**BTL 3**

1. We visit the zoo \_\_\_\_\_.
2. They \_\_\_\_\_ play tennis with their friends.



3. As there is a heavy traffic, I drive my car \_\_\_\_\_.
4. My brother has a lot of books, \_\_\_\_\_paperbacks.
5. He has \_\_\_\_\_completed his course.
6. He rode the bike \_\_\_\_\_to avoid being late to the examination.
- 7 I \_\_\_\_\_ think he would be the Prime Minister, do you?
8. We never do it, because it \_\_\_\_\_goes wrong.
9. \_\_\_\_\_she is alone in her house.
10. Pathan bowled him out \_\_\_\_\_.
11. He \_\_\_\_\_listens to the radio.
12. After knowing about the theft, Raju called the police \_\_\_\_\_.
13. Some little time \_\_\_\_\_, I heard her voice from the operation theatre.
14. They played hockey \_\_\_\_\_to win in the finals.
15. Rajganesh \_\_\_\_\_ lived here.
16. He played well, but \_\_\_\_\_he lost it to his friend.
17. I did not \_\_\_\_\_give my new address to my father.
18. The accident happened \_\_\_\_\_.
19. \_\_\_\_\_he will attend the office after a long time.
20. I praise him \_\_\_\_\_when he deserves it.

### 3. Single Word Substitutes.

1. A name opted by a writer.
2. Of unknown authorship.
3. Taking one's own life.
4. A person concerned with practical results.
5. Animals living on land and in water.
6. A person who is made to bear the blame due to others.
7. A person who derives pleasure by inflicting pain on others.
8. A wishful longing for something one has known in the past.
9. A person who believes in God.
10. A person who does not believe in God.
11. Usage of new words.
12. One who copies the writing of others.
13. Journey to a holy place.
14. One knowing everything.
15. One who is present everywhere.
16. Equal in rank, merit or quality.
17. Printed notice of Somebody's death.
18. One who can speak two languages.
19. One who thinks only of the welfare of women.
20. Study of the relation of living things to environment.

### 4. Abbreviations and Acronyms

A or amp	ampere
a.m.	<i>ante meridiem</i> , before noon
atm	any time money
Ave.	avenue
B.A.	Bachelor of Arts
BASIC	BASIC computer language
Blvd.	boulevard

BP	boiling point
B.Sc.	Bachelor of Science
Btu	British thermal unit
°C	degrees Celsius
cd	candela
CDC	Centers for Disease Control
CFR	Code of Federal Regulations
CIA	Central Intelligence Agency
cm	centimetre
COBOL	COBOL computer language
Corp.	corporation
D	darcy
DEP	Department of Environmental Protection
DOD	Department of Defense
DOT	Department of Transportation
engg.	engineering
enr.	engineer
e.g.	<i>exempli gratia</i> , for example
EPA	Environmental Protection Agency
°F	degrees Fahrenheit
FBI	Federal Bureau of Investigation
FCC	Federal Communications Commission
FDA	Food and Drug Administration
fig.	figure
FORTRAN	FORTRAN computer language
ft	foot
gal.	gallon
ha	hectare
h	hour HP horsepower
HTML	hypertext markup language
Hz	hertz

i.e.	that is
in	inch
Inc.	incorporated
K	Kelvin
kg	kilogram
kw	kilowatt
kwh	kilowatt-hour
l or L	litre
LAFTA	Latin American Free Trade Association
lb	pound
m	metre
MHz	megahertz
min.	minute
mol	mole
M.S.	Master of Science
NASA	National Aeronautics and Space Administration
neg	negative
NIH	National Institutes of Health
NIOSH	National Institute for Occupational Safety and Health
NM	nautical mile
NOAA	National Oceanic and Atmospheric Administration
NSF	National Science Foundation
OPEC	Organization of Petroleum Exporting Countries
OSHA	Occupational Safety and Health Administration
p.	page
Pascal	Pascal computer language
Ph.D.	Doctor of Philosophy
p.m.	<i>post meridiem</i> , after noon
pos	positive
pp.	pages
pt.	point

qt.	quart
radar	radio detecting and ranging
RPM	revolutions per minute
scuba	self-contained underwater breathing apparatus
sec. or s	second
sq	square
STP	standard temperature and pressure
temp	temperature
Univ.	university
URL	uniform resource locator
USGS	United States Geological Survey
vol.	volume

## PART B

### 1. ESSAY WRITING



1. Write in about 300 words the reasons for environmental degradation and list three ways by which our environment can be conserved.
2. Write in about 300 words the necessity for training in modern organizations.
3. English can very well be a universal medium of communication. Justify the statement in about 300 words.
4. With more and more vehicles on the road, it is becoming very risky for all vehicles to ply on the roads safely. Write in about 300 words, the measures that must be adopted in order to bring safety on the roads.
5. Write in about 300 words an essay on- Technology: Boon or Bane.
6. Write an essay on Space Tourism.
7. Write an essay on reducing child labour through technology.
8. Write a paragraph about an initiative taken in your institution that helped protect your immediate environment.
9. What are the practices followed by your grandparents to preserve their surroundings, which are now forgotten? Write an essay in 300 words on why and how these practices should be revived.
10. Discuss in two paragraphs of 150 words each on how tourist destinations have been adversely affected by tourism and about what can be done to restore them.
11. Imagine that your friend who is in the United States wants to know about the

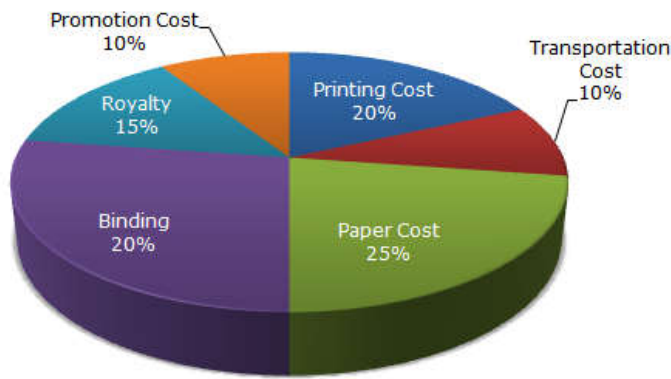
important festivals that are celebrated every year in Tamil Nadu. Write a letter to your friend about the various festivals and their significance.

12. Your friend who is studying in a higher secondary school has got a free laptop computer. He is not aware of the different ways of using laptop for educational purposes. Write a letter to him about the benefits of laptop.

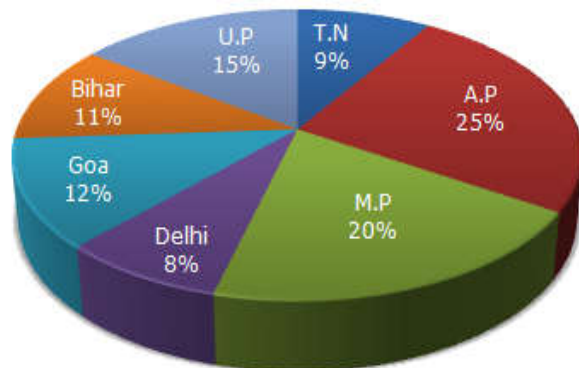
## 2. Interpreting visual materials



a. Study the pie chart of various expenditures for publishing a book and interpret it.



b. Study the following pie chart of data of different States regarding the population of states in the year 1998 and interpret it.



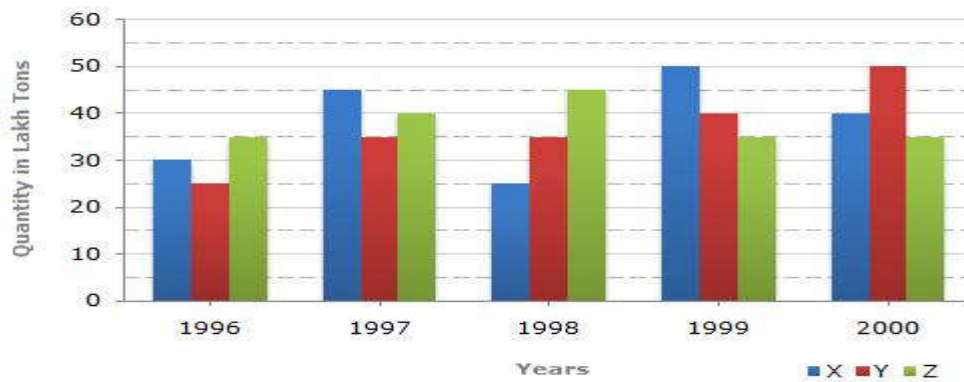
Total population of the given States = 3276000.

States	Sex and Literacy wise Population Ratio			
	Sex		Literacy	
	M	F	Literate	Illiterate
A.P	5	3	2	7
M.P	3	1	1	4
Delhi	2	3	2	1
Goa	3	5	3	2
Bihar	3	4	4	1
U.P.	3	2	7	2
T.N.	3	4	9	4

- c. The bar graph given below shows the data of the production of paper (in lakh tonnes) by three different companies X, Y and Z over the years. Interpret it.

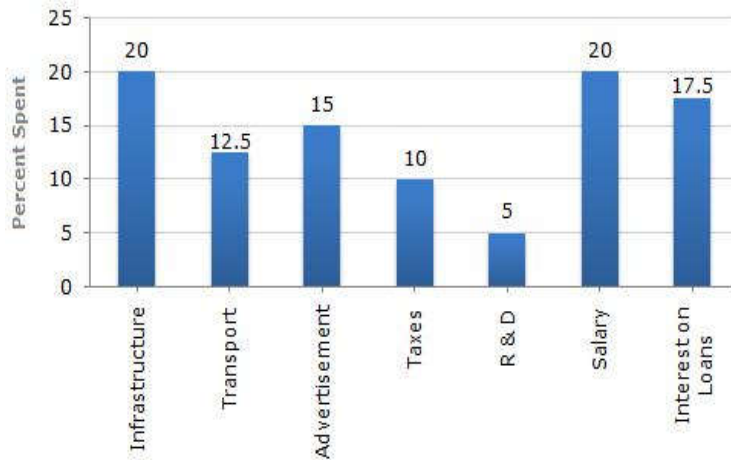
BTL 4

Production of Paper (in lakh tonnes) by Three Companies X, Y and Z over the Years.



- d. The bar graph given below shows the percentage distribution of the total expenditures of a company under various expense heads during 2003. Interpret it.

Percentage Distribution of Total Expenditure of a company.

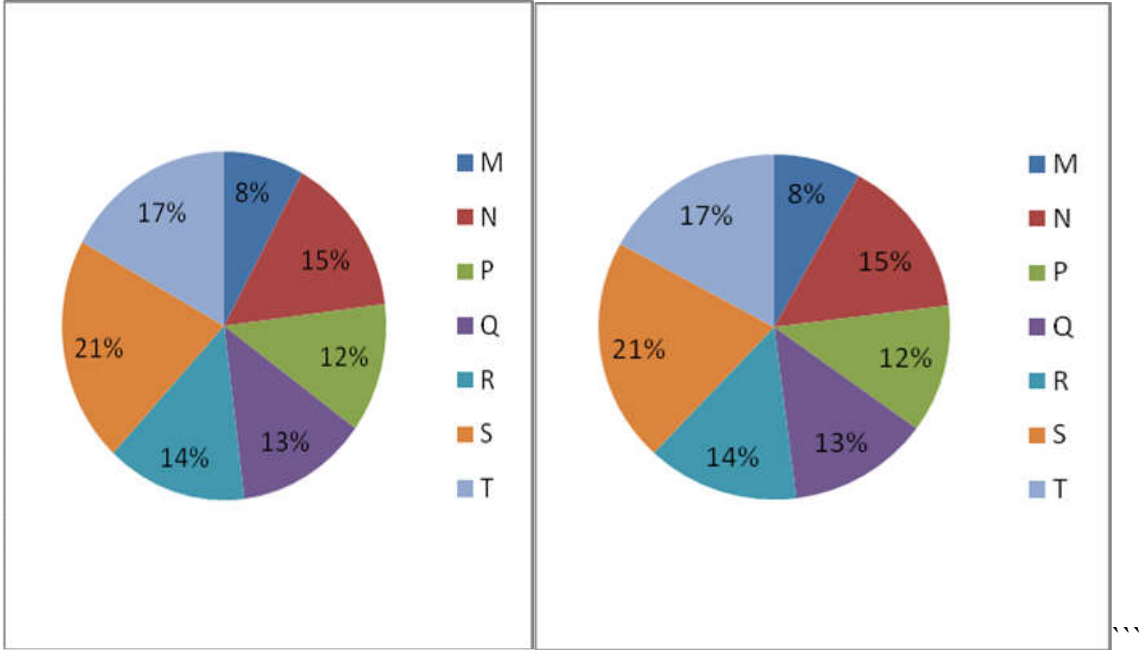




e. Read the two charts. Figure 1 represents the percentage of students enrolled in the UG programmed in seven colleges (M,N,P,Q,R,S,T). Figure 2 represents the percentage of students enrolled in the PG programme. Write a paragraph comparing the two charts.

Total Number of students of Graduate Level = 27,300

Total Number of students of Post Graduate Level = 24,700



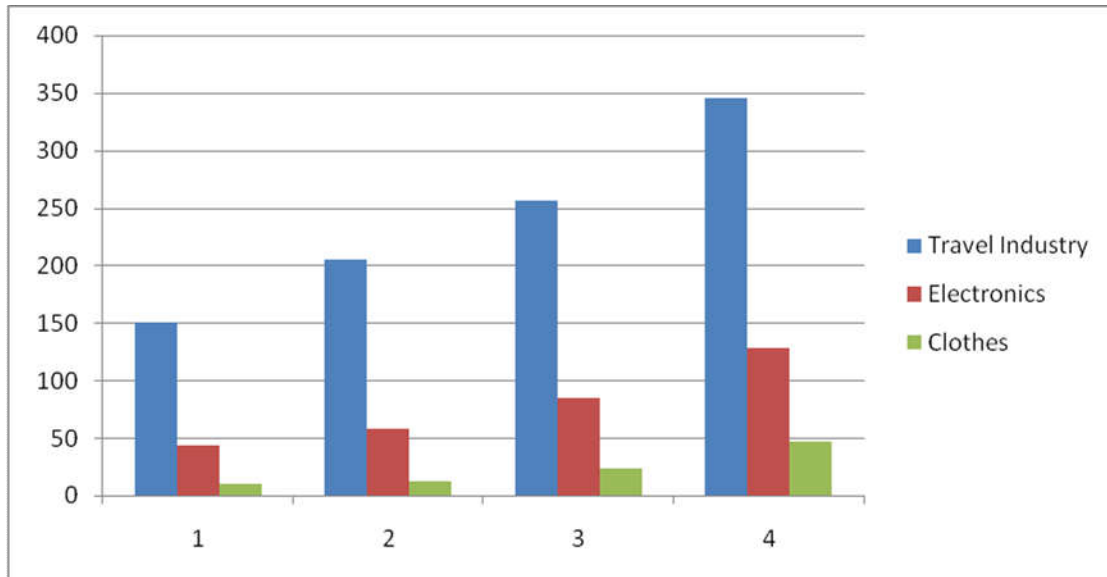
- f. The bar chart represents the online sale of a few items in India from 2010 to 2013. Read the chart, interpret the data and write a paragraph of 150 words.



E-Commerce sales in India from 2010 to 2013.

Travel Industry	150	205	256	345
Electronics	43	58	85	128
Clothes	10	12	23	47

### Billions of Rupees



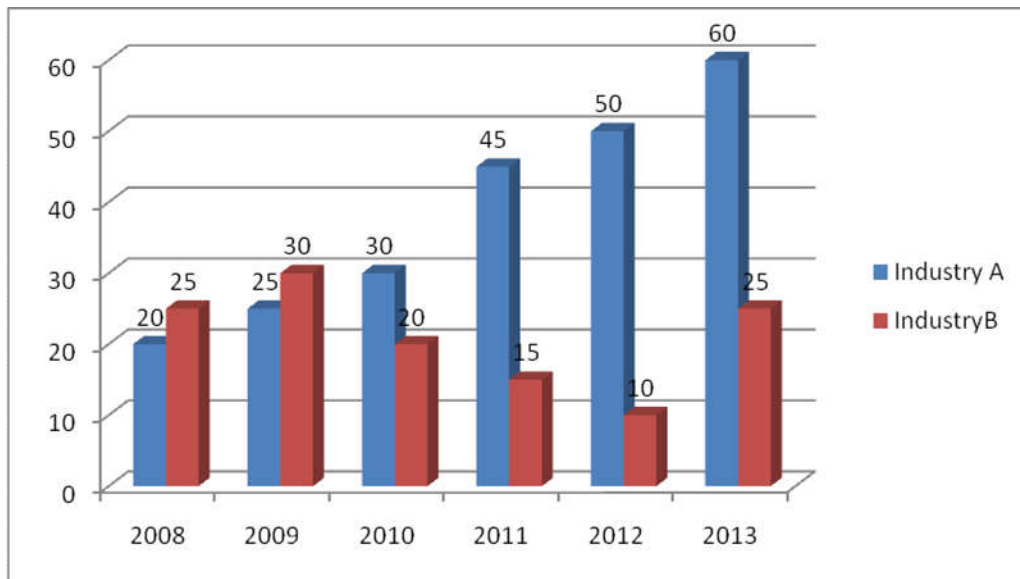
- g. Table given below lists the details of two types of two wheelers-Honda Activa I and Honda Dio Deuxe. Write two paragraphs comparing the details found in the given table.

**BTL 4**

<b>Sl.NO</b>	<b>Details</b>	<b>Honda Activa-I</b>	<b>Honda Dio Deluxe</b>
1	Price	49,490	52,555
2	Top speed (kmph)	85	93
3	Weight (kg)	110	105
4	Fuel tank capacity (litres)	5	6
5	Reserve fuel capacity	1.3	1
6	Fuel efficiency overall (per litre)	60	55
7	Alloy wheel		X
8	Fuel type	Petrol	Petrol
9	Tubeless tyres		
10	Gear box type & clutch	Automatic	Automatic
11	Cooling system	Air cooler	Air cooler

- h.** The bar chart given below shows the details of the production of fertilizers by Industry-A and Industry –B during 2008 to 2013. Write two paragraphs interpreting the details found in the chart.

**BTL 4**



## UNIT-V

### PART A

#### 1. Direct and Indirect Speech (Reported Speech) .

**BTL 3**

Rewrite the following sentences in the reported speech.

1. The Chairman said, “Your company has done very well this year, and the profit before tax has risen from last year’s Rs.80 lakhs to 120 lakhs this year”.
2. The President said, “The unions have taken a hostile stand this year and production has been hit by repeated strikes”.
3. The Manager said, “The export projects have been the main cause for the drain on our funds.”
4. The Project Head said, “The Company has been forced to resort to heavy borrowing during the year, and the rates of interest are very high”.
5. The Director said, “The unit to be started in Mysore will be able to benefit from several incentives and backward-area concessions offered by the Karnataka Government”.

6. The Managing Director said, “The customs officials have not extended the concessions available for imported components to us”.
7. The Chairperson said: “I have great pleasure in welcoming you, the shareholders of the company, to this annual general meeting”.
8. The officer said: “During the year that ended on 31<sup>st</sup> March 2002, your company’s performance was satisfactory, though it failed to rise to our collective expectations”.
9. The Chairperson said: “A number of adverse factors in combination worked to the detriment of the company”.
10. Paterson got out of the car and said to the man, “I am very sorry. I did not see you; I was lost in the beauty of the place”.
11. Sara : Sir, can I meet you today at 2 ‘o’ clock?  
Teacher : Sara, You can meet me tomorrow in the conference hall.
12. Customer : Good morning. I have come to deposit ten thousand Rupees.  
Bank official : Are you going to deposit cash or cheque?  
Customer : I want to deposit a cheque.  
Bank official : O.K. Please fill in the pay-in slip form and enclose the cheque.  
Customer : Thank you.

## PART B

### 1. Email Writing

BTL 5

1. Compose a reply mail to your brother who has shared a poem that he has written on his own.
2. Compose a reply mail appreciating your grandmother's experience on her pilgrimage (after seeing the photographs).
3. Compose a reply mail to your friend who has the new tag, "There is no ctrl z in my life", in his facebook.

### 2. Dialogue Writing

BTL 5

- 1 Write a conversation between two friends meeting after ten years.
2. Write a conversation between two Radio Jockeys.
3. Write a conversation between two cartoon characters.
- 4 Write a conversation between two police men.
- 5 Write a conversation between two students who are caught without license.

### 3. Creative Writing

BTL 5

1. If you have a chance to choose your next birth, what would you choose?
2. If tomorrow has to be a special day, having you as a celebrity who would you be? Why?
3. If you were the parent of your parents, how would you have been?
4. If you had a chance to change three things in life, what would they be?
5. If you need to invent something new, what would it be?

### 4. Poster Making

BTL 5

1. Create a poster with the concept - Engineers- the leaders.
2. Create a poster with the concept - English- the wings of excellence.

