

After further study, the Wright brothers concluded that the published tables of air pressure on curved surfaces must be wrong. They set up a wind tunnel and began a series of experiments with model wings. Because of their efforts, the old tables were repealed in time and replaced by the first reliable figures for air pressure on curved surfaces. This work, in turn, made it possible for the brothers to design a machine that would fly. In 1903 the Wrights built their first airplane, which cost less than \$1,000. They even designed and built their own source of propulsion—a lightweight gasoline engine. When they started the engine on December 17, the airplane pulsed wildly before taking off. The plane managed to stay aloft for 12 seconds, however, and it flew 120 feet.

By 1905, the Wrights had perfected the first airplane that could turn, circle, and remain airborne for half an hour at a time. Others had flown in balloons and hang gliders, but the Wright brothers were the first to build a full-size machine that could fly under its own power. As the contributors of one of the most outstanding engineering achievements in history, the Wright brothers are accurately called the fathers of aviation.

1. The idea of flying an aircraft was _____ to some people.
 - a) boring
 - b) distasteful
 - c) exciting
 - d) needless
 - e) Answer not available

2. People thought that the Wright brothers had _____.
 - a) acted without thinking
 - b) been negatively influenced
 - c) been too cautious
 - d) been mistaken
 - e) acted in a negative way

3. The Wrights' interest in flight grew into a _____.
 - a) financial empire
 - b) plan
 - c) need to act
 - d) foolish thought
 - e) Answer not available

4. Lilienthal's idea about controlling airborne vehicles was _____ the Wrights.

- a) proven wrong by
- b) opposite to the ideas of
- c) disliked by
- d) accepted by
- e) improved by

5. The old tables were _____ and replaced by the first reliable figures for air pressure on curved surfaces.

- a) destroyed
- b) invalidated
- c) multiplied
- d) approved
- e) not used

2. Read the following text and answer the questions. (20 marks)

New York - in most of the world's urban areas the major or cause of accidental deaths and injuries is the automobile. But in remote rural communities where there is no cars or roads, another hazard causes proportionately as many accidental deaths and injuries, according to a study by medical researchers in Papua New Guinea.

The hazards are trees. In a recent issue of the British Medical Journal, the researchers report that falls from trees and other tree - related incidents are the most common cause of injuries in several sections of Melanesia. Their four-year study of admissions to the provincial hospital in Milne Bay province Papua New Guinea, which serves 130,000 Melanesians, found that tree- associated accidents accounted for, 41 percent of admissions for wounds and injuries.

The type of accidents included falling off a tree while climbing being struck by a falling tree limb or by a falling coconut, tripping over falling tree limbs, and being struck by a crashing tree while trying to cut it down.

The victims ranged in age from 3 to 60 years and the tree implicated most often was the coconut palm.

The researchers noted that most village tree climbers did not use safety equipment and that some of the palm trees they climbed were 90 feet tall. The

report also stated that a climber's fall from a mature coconut palm would be the equivalent of a fall from a 10 storey building and that falling coconuts could strike a person on the ground with a force of almost 2,000 pounds.

Because of incomplete statistics, the reports did not include the number of fatalities that received hospital care. But the researchers noted that the majority of deaths occurred after falls from trees.

They also found that 28 people had died without reaching the hospital after falling from trees.

One village man expressed his view of the problem. If a man falls from a tall coconut tree it is unnecessary to go along to check his condition because he will surely be dead. If he has fallen from a short coconut tree, we will go to see if he can be helped.

The researchers concluded. A tropical islander is imagined as reclining beneath his trees, languidly plucking the ever-present harvest. The truth is that most villages work hard planting their gardens and often risk their lives climbing high to reap produce of their tallest trees.

1. What is the major cause of accidental deaths and injuries in the world's urban areas?
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2. What is the major cause of accidental deaths and injury in some remote rural communities?
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3. What percentage of admission to the Milne Bay province hospital were tree-associated accidents?
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4. Why do most village climbers fall from coconut palms?
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5. What are the types of tree related accidents?
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6. What caused the majority of deaths?
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7. What is the "truth" that the researches arrived at?
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8. What conclusions do the villagers draw about an accidental fall from a tall coconut tree, a short coconut tree?
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3. Read the following poem and underline the most appropriate response to each of the questions from one to five. (10 marks)

SORROW

'There was a man whom Sorrow named his friend,
And he, of his high comrade sorrow dreaming,
Went walking with slow steps along the gleaming
And humming sand, where windy surges wend;
And he called loudly to the stars to bend
From their pale thrones and comfort him, but they
Among themselves laugh on and sing away.'
Tim sea, hear my most piteous story
The sea swept on and cried her old cry still,
Rolling along in dreams from hill to hill.'
'He, in a far off, gentle valley stopping,
Cried all his story to the dew drops glistening.
But nought they held for they are always listening.
The dewdrops, for the sound of their own dropping.
'The man sought once again the shore, and found a shell,
And though, I will my heavy story tell
Till my own words, re-echoing shall send
Their sadness through a hollow, pearly heart:
And my own tale again for me shall sing.
And my own whispering words be comfortings,
And lo! my ancient burden may depart.

And then he sang softly nigh the pearly rim;
But the sad dweller by the sea-ways lone
Changed all he sang to inarticulate moan
Among her wildering whirls, forgetting him.

— WB Yeats

1. Choose the correct option:

(a) The poem sends a message of truth which is

- I. personal
- II. related to man only
- III. animals
- IV. related to one and all

(b) The echo of the shell is lost in the roar of the

- I. clouds
- II. river waves
- III. sea waves
- IV. falling rain

(c) The word 'humming' means:

- I. singing song
- II. producing a low sound
- III. weeping
- IV. sighing

(d) The word 'dim' is a/an.....

- I. noun
- II. article
- III. adjective
- IV. verb

(e) An appropriate title of the poem is:

- I. Sea Shore.
- II. Sad Man
- III. Sad Nature
- IV. Indifference

Part B – Dialogue

4. Imagine your brother met with an accident. You went to see him in the hospital. Your friend, Ankit, wants to know about his condition. Complete the missing part of the dialogue between Ankit and you. (10 marks)

Ankit:

You: I went to the Civil Hospital to see my brother.

Ankit:?

You: He had met with an accident.

Ankit:?

You: Yes, his left arm was broken.

Ankit:?

You: He was carried in an ambulance.

Ankit:?

You: His arm had been plastered.

Ankit: How long will he remain in the hospital?

You: He will remain for two days in the hospital.

5. Imagine that your sister is climbing in to the bus when you notice it is not the right route number. Stop her from getting in. write out the dialogue between your sister and you. Each one should speak at least five times. (10 marks)

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6. How do you respond in each of the following situations?

Write one sentence or question.

(10 marks)

1. You want to ask your friend to bring your chemistry book to school tomorrow.

..Would.....

2. You want to know whether your friend would like to watch a movie to night.

..Shall.....

3. You have to invite the chief guest (The Provincial Director of Education) to address the gathering.

..I'd.....

4. You want to get out of the class room. Ask permission from the teacher.

..Please.....

5. You want to ask the way to the post office.

..Would.....

PART C – WRITING SKILLS

7. Select any five words from the list of nouns, verbs, adjectives and adverbs given below and use each one of them in a meaningful sentence. You may use the verbs in any tense. Do not change the form of the other words. (10 marks)

Nouns	Privacy, champion, relationship
verbs	Arrest, achieve, respect
Adjectives	Illegal, reliable,
Adverbs	Confidently, comfortably

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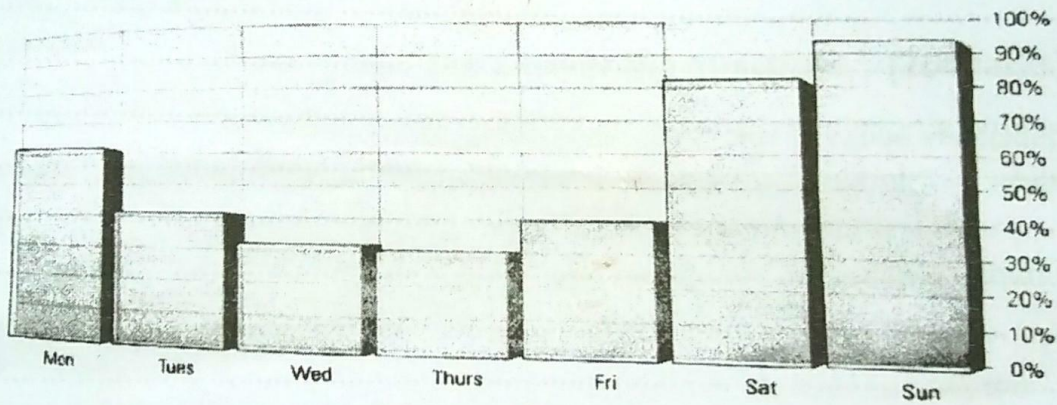
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8. The graph below shows the percentage of teachers in a school who read the newspaper on each day of week. Describe the information shown in the graph.

You should write at least 100 words.

(20 marks)



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10. Children over 15 should be allowed to make decisions about their lives without the interference of their parents or teachers.

Write an essay giving your views. Use about 125 words.

(15 marks)

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