

essence. In this respect Shakespeare's theory of dramatic art, if he had such a theory, is in complete agreement with the conception of the fine arts of the great painters and sculptors.

Q.3. Read the following passage and answers the questions that follow. (20)

It is in the very nature of the helicopter that its great versatility is found. To begin with, the helicopter is the fulfillment of one of man's earliest and most fantastic dreams. The dream of flying – not just like a bird – but of flying as nothing else flies or has ever flown. To be able to fly straight up and straight down – to fly forward or back or sidewise, or to hover over and spot till the fuel supply is exhausted.

To see how the helicopter can do things that are not possible for the conventional fixed-wing plane, let us first examine how a conventional plane "works." It works by its shape – by the shape of its wing, which deflects air when the plane is in motion. That is possible because air has density and resistance. It reacts to force. The wing is curved and set at an angle to catch the air and push it down; the air, resisting, pushes against the under surface of the wing, giving it some of its lift. At the same time the curved upper surface of the wing exerts suction, tending to create a lack of air at the top of the wing. The air, again resisting, sucks back, and this gives the wing about twice as much lift as the air pressure below the wing. This is what takes place when the wing is pulled forward by propellers or pushed forward by jet blasts. Without the motion the wing has no lift.

Questions:

- (i) Where is the great versatility of the helicopter found?
- (ii) What is the dream of flying?
- (iii) What does the wing of the conventional aircraft do?
- (iv) What does the curved upper surface of the wing do?
- (v) What gives the wing twice as much lift?

Q.4. Write a comprehensive note (250 – 300 words) on any ONE of the following: (20)

- (i) The importance of industrialization.
- (ii) Do we live better than our forefathers?
- (iii) Protecting freedom of expression not lies.
- (iv) Adopting unchecked Western life style.
- (v) Variety is the spice of life.

Q.5.(a) Change the narration from direct to indirect or indirect to direct speech. (Do only FIVE) Extra part of the question will not be considered. (5)

Comprehension (2009)

(Q1) Great versatility is found in the nature of a helicopter. Its nature involves ~~an~~ exemplary movements which enable it to move up and down, and back and forth. Its features make it a versatile aircraft, mainly ~~due to~~ ^{degree of} three-sixty rotation of its wings.

Incomplete sentence.

(Q2). It has been ~~a~~ man's dream to fly like a bird. ~~Not only flying, but also flying~~ in every direction: up, down, back and forth. The result of this dream led to the ~~development~~ of a helicopter which has bestowed man with the ability to fly.

Q3) The wing of a conventional aircraft depends on its shape. Its wings deflect air when a plane is in the air. Moreover, the wing is curved and it is set at an angle which enables it to catch air and push it down.

Q4) The curved upper surface of a plane allows the plane to lift itself. Similarly, the curved upper surface creates a lack of air at the top of the wing, enabling the plane to move upwards.

Q5) As the wings exert suction, the air tends to resist and suck back the air. Resultantly, this gives wing of a plane twice as much lift as the pressure of air below it. Moreover, the wing is also pushed by propellers.

Repeat question statement at the start of the answer.

Answers should be 5-7 lines long.