

BOARD QUESTION PAPER : JULY 2016

ENGLISH

Time: 3 Hours

Max. Marks: 80

SECTION – I (Reading Skills, Vocabulary and Grammar)

Q.1. (A) Read the following passage and do the given activities:

[10 marks]

A1. True or False

State whether the following statements are true or false and rewrite them :

(2)

- (i) Principal Bhave was a Chemistry teacher.
- (ii) Mashelkar wanted to become a scientist.
- (iii) Principal Bhave wanted to demonstrate the law of gravity.
- (iv) Mashelkar's philosophy of life is 'If we focus, we can achieve anything'.

My second great guru was Principal Bhave, about whom I made a mention earlier. He taught us Physics. Because it was a poor school, I remember, it had to innovate to convey to the young students the message of Science.

I still remember one of the interesting experiences when, on a Friday afternoon, Principal Bhave took us out into the sun to demonstrate to us as to how to find the focal length of a convex lens. He had a piece of paper here, a convex lens here and he moved it up and down and there was a point when there was a sharp focus and a bright spot on the paper. He showed the distance between paper and the lens and said that this distance was the focal length. But then the paper started burning. For some reason, he then turned to me, and said, "Mashelkar, if you focus your energies like this, you can burn anything in the world".

My young friends, from this I got two lessons - first the philosophy of my life that if we focus, we can achieve anything. And the second about the power of science. It was so powerful, I thought to myself why don't I become a scientist. It left an indelible mark in my mind.

By the way, if you think carefully about that story, it also tells you about the new model for the society and for the nation. What is the experiment? You have the lens. And what does the lens do? It takes the parallel rays of the sun and then lets them converge. And what is the property of parallel lines? Parallel lines never meet. Parallel rays never meet but the lens actually makes them meet. I call it "convex lens" leadership by the way—leadership that brings people together.

A2. Complete

Complete the following sentences:

(2)

- (i) The quality of leadership is _____.
- (ii) Focal length is _____.
- (iii) Parallel rays come together because _____.
- (iv) The paper started burning because _____.

A3. Guess the meaning :

Guess the meaning of the underlined words from the passage selecting the correct alternatives given and rewrite the sentences :

(2)

- (i) Because it was a poor school, it had to innovate to convey to the young students the message of science.
 - (a) do cheap experiment
 - (b) introduce new things
 - (c) avoid
- (ii) It left an indelible mark in my mind :
 - (a) fixed
 - (b) unremovable
 - (c) deep

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Yan Bai



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