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Marks: 20

STD: VII

TT – SCIENCE

Time: 30 min

I. Fill in the blanks:

6x1=6

1. ____ lens can form a virtual image.
2. ____ lens converges the light falling on it.
3. Convex lens is ____ in the middle.
4. The surface of concave lens is bulged _____.
5. _____ mirrors are used in rear-view mirrors.
6. ____ is any smooth or polished surface which can reflect a ray of light.

II. Answer in short:

3x3=9

7. Write down any three uses of concave mirror.
8. What is a virtual image? Give one situation where a virtual image is formed.
9. Write any six English alphabets in which the image formed in a plane mirror appears exactly like the letter itself.

III. Answer in paragraph:

1x5=5

10. State the differences between convex lens and concave lens.