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Marks: 20

STD: VIII

PA4 - SCIENCE

Time: 30 min

I. Answer in one word:

3x1=3

1. _____ is a black, thick liquid with unpleasant smell.
2. Seismic waves are recorded by an instrument called _____.
3. Name the petroleum products used for metalling the roads.

II. Answer in short:

3x2=6

4. What is carbonization?
5. How are lightning caused?
6. Define Fossil fuels.

III. Answer in paragraph:

2x3=6

7. a) What are exhaustible and non-exhaustible resources? Give two examples of each. (OR)
b) What precaution would you take during earthquake?
8. a) Explain why a charged balloon is repelled by another charged balloon whereas an uncharged balloon is attracted by another charged balloon? (OR)
b) What are the advantages of using CNG and LPG as fuels? (Any 3 points)

IV. Answer in detail:

1x5=5

9. a) Describe characteristics and uses of coke. (OR)
b) Describe the instrument which can be used to detect a charged body with the help of the diagram.