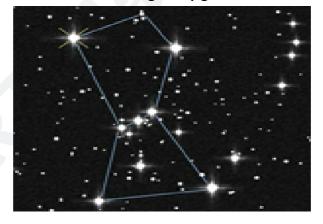
## State Council of Educational Research and Training, Maharashtra, Pune 30 Bridge Course Post Test

## **Class: VIII** Subject: General Science Marks: 20 Time: 1 hour **Instructions**: 1. All questions must be answered. 2. The numbers in parentheses on the right indicate points. 3. Draw neat labelled diagrams wherever necessary. 4. Write only the option number of the correct answer for each multiple choice question. Q.1. Answer the following questions. **5 Marks** 1. Write the chemical symbol of Calcium. 2. Complete the correlation. than 20000 Hz 3. Guess me who I am ? Write my mode of nutrition. "I live in your hair and obtain food by sucking the blood." 4. Complete the following reaction. $6CO_2 +$ $+60_{2}$ 5. Identify the constellation shown in the given figure and write its name.



## Q.2. Write the answers of the following questions. (Any 3)

6 Marks

- 1. Why does this happen The sun appears red at sunrise or sunset?
- 2. Write the scientific name of the animal shown in the picture using binomial nomenclature.



Genus

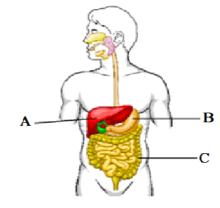
Species:

- 3. Under which different types can the following changes be classified?
  i) Dissolving ii) A meteor streaking across the sky -
- Classify the following into scalar and vector quantities. (Area, velocity, weight, displacement, distance, mass)

## Q.3 Write the answers of the following questions. (Any 3)

9 Marks

1. Identify the parts shown in the figure and write their functions.



2. Complete the following table.

Compound	Molecular formula	The names of the constituent elements
Sulfuric acid		
Washing soda (Sodium carbonate)		
Sugar		

- 3. Explain the properties of magnetic force lines with the help of a suitable diagram.
- 4. A force of 500N was applied to stop a two wheeler motorcycle that was moving with a constant velocity. The motorcycle stopped after moving through 6m. How much is the work done?

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