(b)-i) It helps use to gain new Knowledge. 1/2 mouks@4 (w) It helps use to conduct project works = 6 marks. (m) Helps to get correct answers about a particular problem and reduce conflicts in the society. (IV) Helps to carry out field study.

(Di) A- Pop sound 1 mark B- Glowing wooden splint. Imark

(w) - Manufacture of Margarine 1 mark @ 5= 5 Marks - Manufacture of Ammonia

- Oxy-hydrogen flame - Rocket fuel

- Manufacture of hydrochloric and

- Filling Weather ballons.

(b) (i) Sodim 1 mark

(4) Sodium oxide (NaO) 1 mark

(iii) Sodium + Oxygen - Sodium Oxide 1 mark. Pale yellow solid. Yellow rolld. Colourless gas.

- 69 (1) Decantation. This is the method that can be used to Obtain clean water from muddy water. You will allow muddy water to settle for sometime in a container. The particles will remain at the bottom of the contain and we get clean water. 2 Marks
 - (ii) Filtration This is the method used to separate insoluble solids from Water by using a piece of cloth or feter paper or sand beds. 2 marks
- 6(b) (1)-Mistake: The chemical symbol of sodium is not derived from English name. I mark

Cornet symbol of sodium: The chemical symbol of sodium is derived from the First and second latter of its latin name Natrium 1 mark .. The chimical symbol of sodium is Na.

(11) Mistake: The chemical symbol of iron is not derived from its english name. I mark

Correct symbol of Iron: The chemical symbol of Iron 11 derived from the latin name of iron which is Ferrum and its chemical symbol is Fe. 4 mark

(m) Mistake: All tellers representing chlorine are in

Correct symbol of chlorine: The first letter should be a Capital letter and the skoond letter should be a small letter. It chemical symbol is (CL). I mark

|=1|=3, |1 mark|

... The simplest formula of a compound is NaNO3

Whole number

=1

OF