

1. Translate the following passage into Bengali

Bangladesh National Museum of Science and Technology was established in Dhaka in 1965. The museum not only preserves the innovative work of the local scientists, but also encourages the young scientists to carry out research work. The museum exhibits the history of scientific and technological advancement of human society. The activities of the museum are organised based on interests and levels of a target group. These groups include students, youths, adults, working people and amateur scientists.

The museum provides science education to visitors using galleries with static and working exhibitions of models, charts, diagrams and posters. They also include various

pictorial records of man's journey to space and a pictorial representation of various animals living in the depths of the sea. The museum also has special arrangements for exhibiting locally manufactured products from jute, wood, wool, water hyacinth and different shrubs.

Lectures are delivered here to students and teachers of different schools and colleges on topics covered by the secondary or higher secondary science syllabus. There are regular programmes for viewing lunar eclipse, and solar spots through a telescope. A mini-planetarium has been installed at the museum which can accommodate twenty visitors at a time. The museum has library with books and magazines on different subjects for the amateur scientists. It regularly publishes scientific magazines as well, a popular publication is the quarterly juvenile science magazine 'Nabin Biggani'.

FIGURE NO বাংলা (Worksheet)

Class - IX

Pg - (03)

2. Write an essay in Bengali of about 200-250 words.

a. Bengali New Year's day বাংলা নববর্ষ

b. Flyovers in big cities বড়ো বড়ো শহরের উড়ান মেতু

3. Letter:

Write a letter of about 250 words in Bengali to a friend describing your feelings and thoughts about a beggar you saw in an affluent neighbourhood.

International Prima School

Subject: Chemistry;

Worksheet - 1

1. Write the formulae of the following substances.

- i) Lithium oxide
- ii) Sodium nitride
- iii) Potassium hydroxide
- iv) Magnesium hydroxide
- v) Calcium oxide
- vi) Aluminium hydroxide
- vii) Zinc oxide
- viii) Aluminium nitride
- ix) Calcium phosphate
- x) Zinc nitrate
- xi) Magnesium hydrogen carbonate
- xii) Sodium sulphite
- xiii) Calcium sulphate
- xiv) Calcium nitrate
- xv) Potassium nitrite
- xvi) Lithium carbonate
- xvii) Magnesium carbonate
- xviii) Calcium nitride
- xix) Ammonium hydroxide
- xx) Ammonium phosphate

2. Name the following substances.

- i) LiNO_3
- ii) $\text{In}_3(\text{PO}_4)_2$
- iii) $\text{Fe}(\text{OH})_3$
- iv) $\text{Cu}(\text{OH})_2$
- v) $\text{Al}_2(\text{SO}_4)_3$
- vi) NH_4NO_3
- vii) Cu_2O
- viii) MnO_2
- ix) CuCO_3
- x) $\text{Fe}_2(\text{SO}_4)_3$