

Portion for Final Exam ,March 2021.

General Science. Grade 8.

Serial #. UNITS / TOPICS.

1. UNIT # 7. ACIDS,ALKALIS AND SALTS.

Basic facts, Acids,Dilute and concentrated acids,Properties of acids,Uses of acids, Baking powder,Bases and Alkalis, Indicators and pH,Universal Indicator,Neutralization,Properties of acids,Properties of alkalis,Uses of alkalis,Studying neutralization,Salts and their uses, Exercise.All the important things taught in zoom class and notes in Google class,Learn well the explanations written about all the pictures shown in all the units/chapters.

2.UNIT #11 . LENSES. (Pages 124 - 137).

TOPICS.

Basic facts,Lenses,Convex lenses,Concave lenses,Lenses and Eye,Protecting the eyes,Moving the eyes,The eyes and light,The

parts of eye, The Retina, Eyesight problems, Curing long and short sightedness, Contact lenses, Laser eye surgery, Colour blindness, Cameras, Telescopes, Binoculars. Exercise. Labelling of all the picture given in this unit, All the important topics taught in the zoom class and notes given in Google class room.

3. Unit # 12. ELECTRICITY IN ACTION.

TOPICS. Pages # 138 - 151.

Basic facts, Bicycle dynamo, Power station Generators, Alternating current, Transformer, Turning the generators, Solar power, Wind power, Water power, Tidal and wave power, Geothermal energy, Biomass, The National Grid, Electronics, Electronic signal, Transistors, Semiconductors, Integrated circuits, Diodes and Capacitors, Converters and rectifiers.

4.UNIT # 13. EXPLORING SPACE.

TOPICS.

Basic facts, Telescopes, Refracting telescopes, Reflecting telescopes, Radio telescopes, The space telescope, Hubble space telescope, Spacecraft, The race into space, Space stations, Space shuttles, Space probes, The benefits of space exploration. Exercise. The notes given in Google class and the informations given about the pictures are important to learn.

Study well for the exam, and learn many times in order to have a better concept and learn everything from the book, exercise and notes. Good luck and best wishes for your success.