

पुर्ना International School Shree Swaminarayan Gurukul, Zundal

ANNUAL EXAMINATION (2020 - 21)					
Student's Name:		Grade	VIII	Roll No.	
Date:		Time	3 hrs.	Subject	SCIENCE
Teacher's Sign.				Total	80
				Marks	

General Instruction –

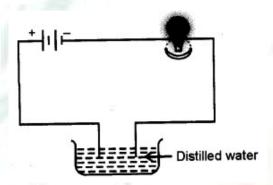
- > Read the paper carefully and attempt all the questions.
- > The paper consists of four sections.
 - i. Section A question carry one mark each.
 - ii. Section B question contain two marks each.
 - iii. Section C question contain three marks each.
 - Section D question contain five marks each. iv.

	SECTION -A	
Q 1. Tick the correct option – i) Lubricants		[10 marks]
a) Increase frictionii) An electric lamp glows due to	b) Reduce friction	c) Both (a) and (b)
a) Chemical effect iii) Poor conductors are	b) Magnetic effect	c) Heating effect
a) Plastics iv) Sound is kind of	b) Clothes	c) All of these
a) Work	b) Energy	c) Force
v) Friction is a /an		
a) Friend	b) Foe	c) Both (a) and (b)
vi) The shape of the airplane is like	a	
a) Bird	b) Car	c) All
vii) The voice box is called:		
a) Stomach	b) Larynx	c) Heart
viii) Which is the brightest planet in	the universe?	
a) Mercury	b) Venus	c) Earth
ix) To make a Kaleidoscope we a	require	
a) Three plane mirrors	b) Four plane mirrors	c) Three glass sheets
x) Which of the following is not a) Sun	a luminous object ? b) Candle	c) Moon

Q 2. Stat	e whether the following statements are True (T) or False (F) – [10 marks]			
i)	For human ears, the audible range is 20 Hz. To 20,000 Hz.			
ii)	Marble floor can be a good example of Regular reflection.			
iii)	Jewellery makers electroplate silver and gold on expensive metals.			
iv)	Unwanted or unpleasant sound is termed as music.			
v)	Constellation Orion can be seen only with a telescope.			
vi)	Copper wire is a good insulator.			
vii)	Electroplating wastes are useful to human health and environment.			
viii)	Uranus is the farthest planet in the solar system.			
ix)	Chromium has a shiny appearance.			
x)	Part of the eye which controls the light entering is called Iris.			
Q 3. Fill	in the blanks – [11 marks]			
i)	Distilled water is conductor.			
ii)	Sound is kind of			
iii)	planets appears to be yellowish.			
iv)	Asteroids are found between the orbits of and			
v)	Sprinkling of powder on the carom board friction.			
vi)	The unit of frequency is			
vii)	A part of the bulb which glows is called			
viii)	The size of the pupil becomeswhen you see in dim light.			
ix)	Sound cannot travel in			
x)	There are wires attached to an LED			
Q 4. Ans	wer in one word – [10 marks]			
i)	Name any one source of noise pollution in your city.			
ii)	Identify the part which vibrates to produce sound in Dholak.			
iii)	Name any one musical instrument which produced sound by vibrating strings.			
iv)	What are Conductors?			
v)	What is LED?			
vi)	How many times is a ray of light reflected by two plane mirrors placed parallel and facing			
	each other?			
vii)	Name the effect of current responsible for the glow of bulb in an electric circuit.			
viii)	Will the solution of sugar in distilled water conduct electricity?			
ix)	Name any one object other than planets which are members of the solar system.			
x)	Which planet is seen in blue-green colour from the space?			

Q 5. Answer the following questions in one or two sentences - (any 10)

- i) In which part of the sky can you find Venus if it is visible as an evening star?
- ii) What happens to light when it gets dispersed? Give an example.
- iii) Jaya sets up a circuit as given below. But the bulb does not glow. Why?



- iv) Do stars emit light only during night?
- v) The sound from a mosquito is produced when it vibrates its wings at an average rate of 500 vibrations per seconds. What is the time period of the vibration?
- vi) Does any part of our body vibrate when we speak? Name the part.
- vii) Define the term Light
- viii) What is a constellation? Name any two constellations.
- ix) List any one method to limit noise pollution in your locality.
 - x) State the laws of reflection.
 - xi) Match items in column A with one or more items in column B.

A	В
(i) Inner planets	(a) Saturn
(ii) Outer planets	(b) Great Bear
(iii) Constellation	(c) Moon
(iv) Satellite of the Earth	(d) Mars

SECTION - C

[9 Marks]

Q 6. Answer in Short – (any 3)

- i) List any three sources of noise pollution in your surroundings.
- ii) An electric current is passed through a conducting solution. List any three possible observations.
- iii) Differentiate between regular and diffused reflection.
- iv) Draw a labelled sketch of the human eye.

Sketch larynx and explain its function in your own words. SECTION - D [10 Marks] Q 7. Answer in detail - (any 2) i) Meteors are not visible during the daytime. Explain the reason. ii) Draw sketches to show the relative positions of prominent stars in (a) Ursa Major (b) Orion. iii) Is it safe for the electrician to carry out electrical repairs outdoors during heavy rain pour? Explain. iv) Describe the construction of a kaleidoscope.