

ROLLNO.	
NAME	
CLASS-SECTION	

**APEEJAY EXAMINATION
SUMMATIVE ASSESSMENT I 2016-2017
CLASS – VIII
SCIENCE**

TIME ALLOWED -3 hr

MAXIMUM MARKS: 80

General Instructions:

1. Marks for each question are indicated against it.
2. Attempt all the questions in proper sequence
3. Draw neat diagrams wherever required.

1. Answer the following questions:

(1x10=10)

a.	What is fallow?	1
b.	Where is harvester used?	1
c.	Name the microorganism that causes yellow mosaic of okra.	1
d.	How is artificial silk obtained?	1
e.	Immersion rods for heating liquids are made up of metallic substances, why?	1
f.	It is a pity that even protected forests are not safe. Justify the statement.	1
g.	Define electrostatic force.	1
h.	What is static friction?	1
i.	Where is larynx located in human body?	1
j.	The lower the frequency of vibration, the higher is the pitch. Do you agree with the statement? If not then what will be the correct statement?	1

2	When are weedicides sprayed?	2
3	Do microorganisms cause diseases in animals? Justify by an example.	2
4	It is advised not to wear synthetic clothes while working in the kitchen, why?	2
5	Mention any two uses of non metals.	2
6	What do you understand by the term migration?	2
7	Give two reasons to justify that friction is an evil.	2
8	Mention any two effects that force can cause to an object.	2
9	An object oscillates 21 times in 3 seconds, what will be its frequency?	2
10	Why are lubricants used between the moving parts of a machine?	2
11	Name any two factors on which frictional force on an object in a fluid depends.	2
12	What will happen if freshly harvested seeds are stored without drying? Name any two organisms that can attack wet grains.	2+1=3
13	Differentiate between thermosetting plastics and thermoplastics with an example each.	3
14	Complete the following equations: a. magnesium + oxygen → b. zinc sulphate + copper → c. copper sulphate + zinc →	3
15	a. When aluminium reacts with sodium hydroxide solution a gas is released. Name the gas produced. How is this gas identified? b. Why is phosphorus stored in water?	3
16	What is reforestation? Explain.	3
17	What are endangered animals? Is tiger an endangered animal, if yes then what steps have been taken by Government to save it?	3
18	Why porters place a round piece of cloth on their heads, when they have to carry heavy loads?	3
19	Explain why objects moving in fluids must have special shapes.	3
20	It is difficult to remove a rubber sucker pressed hard on a surface. Justify the statement.	3
21	Why the milk that comes in packet does not spoil?	3
22	a. Mention the role of eardrum in hearing. b. How can we control noise pollution? Suggest any two ways.	3+2
23	a. Write three differences between fertilizers and manure. b. Why do we water crops? State any two reasons	5
24	a. What are antibiotics? b. Name two microorganisms that are used to prepare antibiotics. c. How are these used for animals?	1+2+2
25.	a. Rayon is preferred over silk for making fabric. Write any two reasons in support of your answer. b. Why plastics are not eco friendly? Give three reasons.	2+3