## GYAN BHARATI SCHOOL SUMMATIVE ASSESSMENT 1 (2016- 2017 )

CLASS M3 SUBJECT-SCIENCE Shreya Samantaray

TIME: 2 Hours

MM -50

## GENERAL INSTRUCTIONS

- (i) This gues on paper carries 29 gues ons and 4 pages. All gues ons are compulsory.
- (ii) Ques on No 1-8 are Multiple Choice Ques ons (MCQ). Each carrying 1 mark. Choose the correct op on and write it along with the statement in the answer sheet.
- (iii) Ques on No. 9-14 are very short answer ques ons. Each carrying 1 mark.
- (iv) Ques on No. 15-23 are short answer ques ons. Each carrying 2 marks.
- (v) Ques on No. 24-29 are long answer ques ons. Each carrying 3marks.
- 1. An electroscope is a device which is used to find if an object is

- 53

. Charged

b. Magnetic

c. Hot

d. Free of cracks

2. On which of the following a toy car will travel farthest?

1

Dry marble floor

b. newspaper

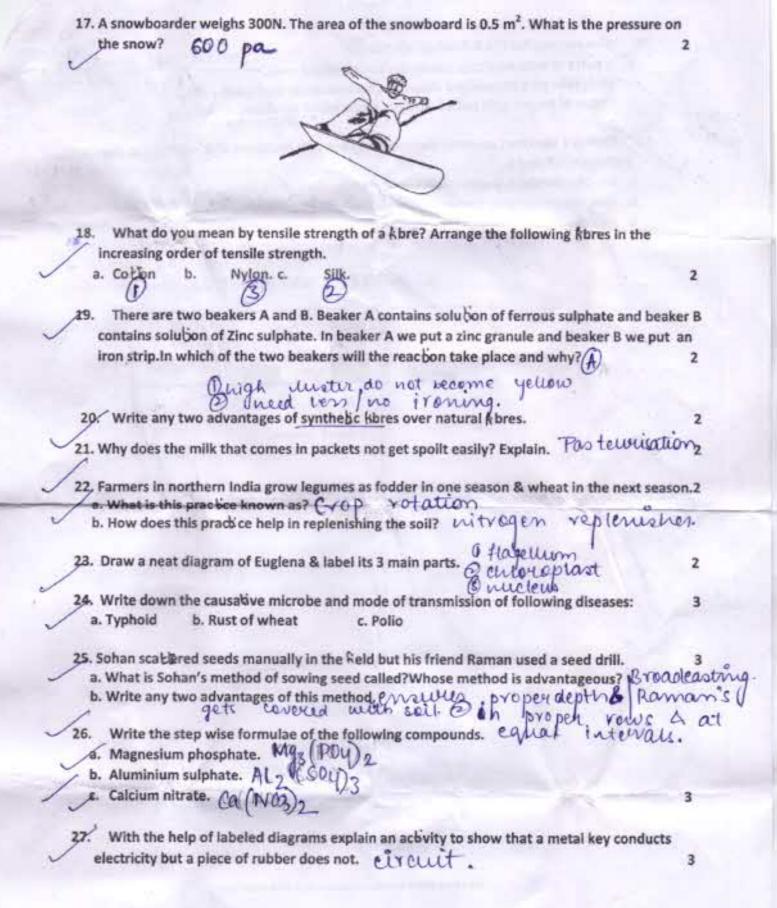
c. Wet marble (400r

d. carpet

- 3. In figure below, two boys A and B are shown applying force on a block. If the block moves towards boy B, which one of the following statements is correct?
  - a. Magnitude of force applied by A is less than that of B.
  - b. Net force on the block is towards A.
  - Magnitude of force applied by A is greater than that of B.
  - d. Magnitude of force applied by A is equal to that of B.



4. The polymer which is us	ed for making unbr	eakable plastic crockery is:	1
a. Tellon.	, Jo.	Melamine.	
c. Bakelite.	d.	PVC	
22 22			
5. The metal used for galva			1
a. Iron.	b. Cop	· Vigiliary	
c. Zinc.	d. Alun	ninlum.	
	ed in the making of	bread. In which of these produc	bons is also X
required?			1
a. Cheese		b. Wine	
c. Curd		d. Vinegar	
7. The process of loosening	& turning of soil is	called.	1
a. Irrigation & manuring		. Tilling &	ploughing
c. Digging & winnowing d. Harvesting			A CONTRACTOR OF THE CONTRACTOR
8. Under a microscope. Am	it observes a cell th	nat has a cell wall but no disbinct	nucleus. The cell
that he observes is a		in the second from section district	1
a. Plant cell		b. An anima	Irell
c. A nerve cell		d. A bacteria	
		- A Society	ar cent
9. In the leaves, name the	cell organelle and p	igment that is responsible for gr child plast an	een colour. 1 d chlorophyll
10. Why can't paddy (rice) I	oe grown in the wir	nter season? it is a k	A LOUIS OF THE
		0 1	ind of heat-
12. Which metal is the best		V He SAME THE SAME THE SAME THE	q
		produce sound by vibraling air flute.	parkicles. 1
14 Menbon any one met	hod to reduce frick	son. Lubrikanes.	1
15. Montu is learning to p	lay the guitar. To g	get the notes he presses down or	the string of the
guitar at its neck and plu			(1+1)
a. How do the strings ma	ake a sound? Vi	bration	
The state of the s	And the second s	vel through to reach Montu's ea	n air
16 Mention two precautor	s that you will take	to protect yourself if lightning o	secure while you
and mutalida the house?			
Daveid us	ing metal	tipped umbrelle	2
a vice we		1.	
@ position	n of son	suching donen.	



28. Give reasons for the followings situations:

a. It hurts to walk on sharp stones but not on round ones.

b. Birds take on a steamlined shape to dive into water and catch kish.

c. Pieces of papers gets pulled towards comb which is rubbed on hair.

force.

friction:

29. Here is a bar chart showing the speed of sound (in multiples of 1000 m/s) in different materials A,B and C.

(1+1+1)

a. Which material is a solid?

b. Give reason for your answer.

Sound travels faster in Solids.

c. Arrange the materials in following order-solid, liquid and gas.

Arrange the materials in following order-solid, liquid and gas.
 B , C , A

