

INDIAN SCHOOL SOHAR PERIODIC TEST- III SCIENCE

11-1-18 Answer the following:-

STD IX

1. Name the physical quantity measured by the area occupied below the velocity time graph.	1
2. Calculate the force required to produce an acceleration of 2m/s ² in a body of mass 400g.	1
3. What happens when acetone is poured on the palm?	1
4. Give any two characteristics of compound.	1
5. Identify the image and state one function.	1



- 6. What is notochord? Which group of animals have a primitive form of notochord? Name it and 2 give one example?
- 7. Write the chemical formula of :
 - a) Aluminium phosphate.
 - b) Sodium sulphide.

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		INDIAN SCHOOL SOHAR	SET II
STD IX		PERIODIC TEST- III	Time: 40 minutes
11-1-18		SCIENCE	Marks: 20
Answer the followin	g:-		

1. Name the physical quantity which is determined by the rate of change of momentum. 1 2. An electric train is moving with a velocity of 120km/h. How much distance will it cover 1 in 30s. 3. Identify the image given below and state one function. 1 C FIFTHER AS SHITT 4. A sponge is solid but can be easily compressed. Give reason. 1 5. Mention any two applications of chromatography. 1 6. Write the chemical formula of : 2 a. Ammonium carbonate. b. Sodium oxide. 2 7. a. Define relative density of a substance. b. Relative density of silver is 10.8. The density of water is 1000kg/m³. What is the density

of silver in SI units?

8. a) List two factors on which buoyant force depends.	2
b) Find the pressure, when a thrust of 20N is applied on a surface area of 10cm ² .	
9. a) Define power. Give its SI unit.	3
b) In a house 3 bulbs of 100W each are lighted for 5 hours daily, 2 fans of 50W each are used	
for 10 hours daily and an electric heater of 1kW is used for half an hour daily. Calculate	
the total energy consumed in a month of 31 days and its cost at the rate of Rs. 3.6 per kWh.	
10. a) What is meant by symptom directed treatment?	3
b) Distinguish between vaccine and antibiotics.	
c) What are vectors? Give an example.	
11. A gas jar contains 1.7g of ammonia gas. Calculate the following :	3
a) How many moles of ammonia are present in the gas jar?	
b) How many molecules of ammonia are present in the jar?	
c) Define the term mole.	
[atomic masses of given elements, N=14,H=1]	

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2 8. Name the two groups of invertebrates that are diploblastic and state one distinguishing 9. a. What is the basis of principle of immunization? 3 b. Distinguish between chronic and acute disease. c. What are carriers of disease? Give an example.

SET I

SET II

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- 10.a. State two factors on which the magnitude of work depends.
 - b. What is the work to be done to increase the velocity of a car from 18km/h to 90km/h, if the mass of the car is 2000kg?

11. Calculate:

feature of each.

- a. Number of molecules in 90g of H_2O .
- b. Number of moles in 19g of H_2O_2 .
- c. Define the term mole.

[atomic masses of given elements, O=16,H=1]

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