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INDIAN SCHOOL MUSCAT SECOND PERIODIC TEST

SCIENCE

CLASS: IX

Sub. Code: 086

Time Allotted: 50 mts.

04.12.2018

Max. Marks: 20

GENERAL INSTRUCTIONS:

- All Questions are compulsory.
- Draw diagrams if necessary.

PHYSICS

1. Name two factors on which buoyant force acting on an object depends. 1
2. Explain why a sheet of paper falls slower than one that is crumpled. 2
3. Define pressure. Explain why a wide steel belt is provided over the wheels of an army tank. 2
4. A stone is dropped from the edge of a roof. How long does it take to fall 4.9m? 2

CHEMISTRY

5. Name a nonmetallic element found in 1
(a) liquid state (b) gaseous state
6. (a) Name a metal which is best conductor of heat? 2
(b) Among the substances given below choose the element, mixture and compound
(i) air (ii) lead (iii) diamond (iv) calcium carbonate
7. Can we separate a mixture of water and alcohol using a separating funnel? 2
If not, suggest a suitable method.
8. Classify the following physical and chemical changes: 2
(a) Change of colour of iron bar on strong heating.
(b) Burning of candle.
(c) Churning of milk to get butter.
(d) Burning of petrol in an engine.

BIOLOGY

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| 9. What is the basic unit of classification? Who proposed five kingdom classification? | 1 |
| 10. With which group of organisms do fungus live in mutual relationship? Name this symbiotic life form. | 1 |
| 11. Write any three characters of Kingdom Protista with one example. | 2 |
| 12. In what way can the idea of evolution have connected with classification? | 2 |