

International Indian School, Riyadh

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SUMMATIVE ASSESSMENT- I , JUNE 2014

SUBJECT : SCIENCE

MAX.MARKS:90

STD:VIII

TIME: 3 HOURS

SET A

1. The question paper comprises two sections A and B.
2. All the questions are compulsory.
3. Marks are indicated against each question.
4. Choice has been provided in questions.
5. Section C comprises 20 Multiple Choice Questions(MCQs).Tick the answers in the question paper and attach it along with the answer sheet.

SECTION A

I. Answer the following questions. (1 X 10 = 10)

1. Write the names of any two inflammable substances .
2. Name any two diseases caused by bacteria.
3. Name any two thermoplastics.
4. Name the crop for which transplantation of plantlets is done.
5. State the nature of oxides of metals.
6. Give examples of any two antibiotics.
7. Name the petroleum product used for surfacing roads.
8. Name any two air pollutants related to acid rain.
9. Write one disadvantage of synthetic fibres.
10. What is fermentation?

II. Answer the following in two or three sentences (any 8)

(2 X 8 =16)

1. What are preservatives ? Name two chemical preservatives.
2. Write two adverse effects of global warming .
3. Give examples which indicate that nylon fibres are very strong.
4. Explain how soil gets affected by the continuous plantation of crops in a field.
5. Give reason why sodium and potassium are stored in kerosene.
6. Write two uses of coke.
7. Electric switches and plug boards are made of thermosetting plastics. Why?
8. Can you store lemon pickle in an aluminium utensil ? Explain.
9. What is petroleum? Name the fuel used in jet aircraft.

III. Answer the following questions in three or four

sentences (any 6) (3X6=18)

1. List the conditions under which combustion can take place.
2. Explain the difference between thermoplastics and thermosetting plastics.
3. Write a short note on weeding.
4. What happens when iron nails are placed in copper sulphate solution?
Write the word equation of the reaction.
5. Explain why fossil fuels are exhaustible natural resources.
6. Which zone of a flame does a goldsmith use for melting gold and silver and why?
7. Explain why plastic containers are favoured for storing food.

IV. Answer the following questions in detail (any3) (5X3=15)

1. Write ten lines on the usefulness of microorganisms in our lives.
2. Explain how fertilizers are different from manure.
3. Write difference between metals and nonmetals on the basis of the following properties:
a. Appearance b. Hardness c. Malleability d. Ductility
e. Heat and electrical conductivity
4. What are the advantages of using CNG and LPG.

V. Answer the following (Value Based Questions) (5Marks)

1. Meera is very keen about having a clean environment. Her family went for a picnic .After seeing plates made of peepal leaves , she insisted on using them than plastic disposable plates.
 - a. Why do you think Meera insisted on using peepal leaf plates? (2M)
 - b. Comment on the values shown by Meera. (1M)
2. While waiting at the traffic signal Ravi found that his friend was running the car's engine. Ravi requested him to switch off the engine.
 - a. What might have prompted Ravi to make that request?(1M)
 - b. What advantage does the environment have on the limited use of fossil fuels?(1M)

VI. Draw and label the following diagrams (3X2=6)

1. Draw any three Microorganisms and name them.
2. Make a labelled diagram of a candle flame.