V & C Patel English School
Half Yearly Exam

Max.Marks: 80
Date: 20/09/17
Time: 3 hrs

STD: VI
Subject: Science

General Instructions:

Section A Q .No. 1 to 8 carry 1 mark each
Section B Q. No. 9 to 16 carry 2 marks each
Section C Q. No. 17 to 24 carry 3 marks each
Section D Q. No. 25 to 27carry 4 marks each
Section E Q.No.28 to 31 carry 5 marks each

SECTION A

(1x08=08)

Q1) Give examples of any two omnivores
Q2) Define Nutrients
Q3) Name the two plants which were cultivated near the river Nile and river Ganga to obtain fibre for making fabrics.
Q4) Which of the following liquid forms a single layer on mixing: water and kerosene, water and glycerine?
Q5) What name is given to the solution in which no more substance can be dissolve at that temperature?
Q6) Which one of the following changes can be reversed: ironing of clothes, boiling of an egg, rotting of grapes?
Q7) What do you use a compass for?
Q8) A torch bulb has two terminals and a cell also has two terminals. In which case the two terminals are not marked.

SECTION B

(2x08=16)

Q9) A and B are two natural fibres. Both of these fibres are obtained from the stems of their respective plants. Fibre A is rough and is used in making gunny bags and fibre B is used in making linen. Name A and B.
Q10) What is the cause of Goitre? Write the main symptom of goitre.
Q11) What is ginning? How is it done?
Q12) Classify the following as transparent, translucent and opaque:
Butter paper, air, brick wall, oiled paper, clear glass, cardboard
Q13) Define threshing and winnowing
Q14) Draw an open circuit.
Q15) Write any two uses of magnets.
Q16) What are 'Food producers' and 'Food Consumers'. Give one example of each.

SECTION C (3x08=24)

Q17) Define: Deficiency diseases. Write the symptoms of protein and carbohydrate deficiency in Children.

Q18) Write a brief note on "Cotton".

Q19) Explain the property of Hardness and solubility in liquids in detail.

Q20) A cup of tea is said to be a mixture. Name its various components .Name the process to separate tea leaves from the prepared tea.

Q21) Changes take place due to contraction and expansion of materials. Give an example.

Q22) Write an activity to "Make your own magnet".

OR

Draw and colour the various shapes of magnets.

Q23) Differentiate between Conductors and Insulators

Q24) Mention the various advantages of natural fibres.

SECTION D (4x03=12)

Q25) Mention the various ways to keep the magnet safe.

Q26) Write a note on methods to prepare fabrics from yarn.

Q27) Write a short note on Electric Cell.

SECTION E (5x04=20)

Q28) Describe the various methods of separation of substances.

Q29) Write a note on Classification of changes.

Q30) Write an activity to show attraction and repulsion property in magnets.

OR

Write a brief note on magnetic compass.

Q31)Explain Electric bulb in detail. Draw a well labelled diagram.

GOOD LUCK