



V & C Patel English School
Half Yearly Exam

Std: VIII

Subject: Science

Max.Marks: 80

Date:11/09/17

Time: 3 hrs

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 27 carry 4 marks each

Section E Q.No.28 to 31 carry 5 marks each

SECTION A

(1x8=08)

- Q1) Which agricultural practice comes first harvesting or weeding?
Q2) Name an antibiotic extracted from a fungus. Name the fungus.
Q3) Give the full form of PET.
Q4) Give examples of any two noble metals.
Q5) Define: Retina
Q6) Which substance is used for metalling the roads these days instead of coal tar?
Q7) Name the fuel whose calorific value is 17000 to 22000 kJ/kg
Q8) What are endemic species?

SECTION B

(2x08=16)

- Q9) Differentiate between Extinct species and Endangered species
Q10) Name the part of eye: On which image is formed-
Which carries image to the brain-?
Q11) What are the two types of crops based on each season? Give an example of each
Q12) What are antibiotics? What precautions must be taken while taking antibiotics?
Q13) Choose the thermosetting plastic out of the following and state one use of it.
Melamine, Polythene, Bakelite, Polyvinyl chloride.
Q14) Can copper displace iron from iron sulphate solution. Give reason for your answer.
Q15) What type of combustion is represented by:
 - Burning of white phosphorus in air at room temperature
 - Ignition of a cracker
Q16) State the laws of reflection.

SECTION C

(3x08=24)

- Q17) Mention few precautions to maintain healthy eyesight.
Q18) Differentiate between Wildlife Sanctuary and National Park.

- Q19) Explain the different zones of a candle flame with the help of a well labelled diagram.
Q20) What are weeds? Name one weedicide .Name one implement used for weeding.
Q21) Give any two examples of: bacteria, fungi, protozoa.
Q22) Write a brief note on the fibre: Acrylic
Q23) Mention the various physical properties of a non –metal.
Q24) What are the advantages of using LPG as a fuel?

OR

Mention the characteristics of an ideal fuel.

SECTION D

(4x03=12)

- Q25) Draw a neat labelled diagram of Fractional Distillation.
Q26) Write a brief note on Biosphere Reserve.
Q27) How are fire extinguishers helpful in extinguishing fire?

SECTION E

(5x04=20)

- Q28) Explain in detail the story of Coal.
Q29) Write a short note on parts of Eye.
Q30) Write in brief about the various methods of preserving food.
Q31) Explain in detail the various types of combustion

OR

Write a brief note on Nitrogen Cycle

GOOD LUCK