Section - C (one mark questions)

Q9. Explain the working of human ear with the help of flow chart. (3)

Q10. a) Two astronauts are floating close to each other in space. Can they talk to each other without using any special device? Give reason.

b) Write any four measures to reduce noise pollution. (1+2)

Q11. a) Why do people suffer from nose bleeding when they go at high attitude?

b) Find the resultant force: (2+1)

Q12. a) Rohit set up an experiment using a liquid A in a beaker. He observed that bulb grows. Then he replaces lquid A by another liquid B, this time the bulb does not grows. What could you predict about the liquids. Give one example of each kind.

b) Illustrate an activity to show electroplating of iron with copper with help of well labelled diagram (2+3)

Chemistry (27)

Section - A (one mark questions)

Q1. Which plastic is filled in the hollow walls of refrigerator and thermos flasks? (1)

Q2. Name the fuel which is used in jet aeroplanes. (1)

Q3. Which gas is produced during incomplete combustion of fuel? (1)

Section - B (two mark questions)

Q4. Givve reasons:

i) Why is nylon used for making climbing ropes?

ii) Why cooking utensils have plastic handles? (2)

Q5. What is petroleum refining? Write any two constituents of petroleum.(2)

Q6. Define rapid combustion. Give one example. (2)

Q7. Write four characteristics of an ideal fuel. (2)

Section - C (two mark questions)

Q8. Distinguish between thermoplastics and thermosetting plastics. Write any three differences. (3)

Q9. Draw well labelled diagram of Foam type fire extinguisher. (3)

Q10. Differentiate between innermost and middle zone of candle flame. Write three points. (3)

Q11. Explain:

a) Why cannot we use water for extinguishing the fire at petrol pump?

b) Why do goldsmiths blow the outermost zone of the flame with blow pipe? (3)

Section - D

Q12. Define:

a) Monomer   b) Destructive distillation of coal

c) Acid rain   d) Calorific value of fuel (4)

Biology (27)

Section - A (one mark questions)

Q1. Which machine is used for cutting the matured crop? (1)

Q2. Name the bacterium which is involved in the fixation of Nitrogen in leguminous plant. (1)

Q3. Which term is used for the animals found in a paritcular area? (1)

Section - B (two mark questions)

Q4. Why earthworms are called farmer's friend? (2)

Q5. What is fermentation? Who discovered it? (2)

Q6. Define endangered species. Give two examples. (2)

Q7. Define migration. Wirte any two examples. (2)

Section - C

Q8. Differentiate between Kharif and Rabi crops. (Give three points) (3)

Q9. Explain three causes of deforestation. (3)

Q10. a) Draw the diagram of plough and label its parts. (5)

b) How weeds are harmful to crops? (Give three points)

Q11. a) Draw a well labelled diagram of Amoeba (5)

b) Complete the table given below:

Human Disease	Type of Caustive Organsim	Mode of Transmission
1. Measles	_____	Air
2. Typhoid	Bacteria	_____
3. _____	Protozoa	Mosquito
4. Chickenpox	_____	air/contact
5. Hepatitus A	Virus	_____

Budha Dal Public School Patiala (26 Sept. 2017)
UNIT - I
Class-VIII
Sub: G. Science
(SET-A)

Time: 3 hrs. **Marks: 80**

General Instructions:

1. *All questions are compulsory.*

2. *Attempt all questions section wise in the serial order neatly and leave one line after every answer.*

3. *Draw neat and labelled diagrams wherever required.*

Physics (26)
Section - A (one mark questions)

Q1. What can you predict about a liquid pressure from the given figure. (1)

Q2. Why do athletes wear spiked shoes? (1)

Q3. How will you define frequency of a sound wave? (1)

Q4. Define chemical effect of Electric Current? (1)

Section - A (two mark questions)

Q5. What is ball bearing? How does the ball bearing reducing friction. (2)

Q6. Name the effect of force in the following:

a) when you push a chair.

b) when a person pushes a moving swing. (2)

Q7. a) An object is moving towards south-east direction. The force of frictionis acting in which direction.

b) Explain one disadvantage of friction. (1+1)

Q8. Differentiate between Noise and Music. (write any two points) (2)