Class 4 Question Paper

Subject: Science

Total Marks: 50

Time: 1 Hour

1. Fill in the blanks: (5 Marks)

a) Plants produce food through the process of _____.
b) The _____ layer of the Earth is made up of rocks.
c) Air contains _____ which is essential for breathing.
d) _____ is a renewable source of energy.
e) Organisms depend on _____ for food and shelter.

2. Match the following: (5 Marks)

Column A	Column B
Photosynthesis	Oxygen
Rocks	Minerals
Air	Carbon Dioxide
Sun	Energy
Trees	Environment Protection

3. True or False: (5 Marks)

a) Plants do not need water for photosynthesis.

b) Rocks are formed from minerals.

c) Air is made of only oxygen.

d) Energy from the sun supports life on Earth.

e) Plants give us fruits and oxygen.

4. Question and Answer: (15 Marks)

a) What is photosynthesis?

b) Name any two types of rocks.

c) Why is air important for living organisms?

d) How do plants help in maintaining balance in the environment?

e) Write two examples of renewable energy sources.

f) What are fossils, and where are they found?

g) Define environment.

h) Name one example of interdependence in nature.

i) Why do we need energy?

j) What is the importance of the sun in our lives?

k) What are the two main components of air?

l) How do plants absorb water from the soil?

m) Write one function of leaves.

n) How is wind energy used?

o) Name one mineral found in rocks.

5. Words for dictation: (10 Marks)

Subject: Math

Total Marks: 50

Time: 1 Hour

1. From Statistics: (5 Marks)
Draw a pie chart to represent the following:
Fruits sold in a day: Apples (40), Bananas (30), Grapes (20), Oranges (10).

2. Word Problems: (15 Marks)
a) A farmer has 25 chickens and each lays 4 eggs per day. How many eggs are laid in a week? (3 Marks)
b) A car traveled 240 km in 4 hours. What is the speed of the car? (3 Marks)
c) There are 50 students in a class. If 30 of them like Math and the rest like Science, what is the percentage of students liking Science? (3 Marks)

3. From Algebra: (10 Marks)
Solve the following (Each 2 Marks):
a) If x + 5 = 12, find x.
b) If 3x = 27, find x.
c) Simplify 2x + 3x.
d) If y - 4 = 10, find y.
e) What is 5x when x = 2?

4. From Fractions: (10 Marks)
Solve the following (Each 2 Marks):
a) Add 2/5 and 3/5.
b) Subtract 3/4 from 5/4.
c) Simplify 6/8.
d) Multiply 2/3 and 4/5.
e) Divide 8/9 by 2/3.

5. Table of 12: (5 Marks)
Write the multiplication table of 12.

6. Words for dictation: (5 Marks)