



**DR. A.Q. KHAN SCHOOL & COLLEGE, BAHRIA TOWN, PHASE-8**  
**MODEL PAPER GENERAL SCIENCE CLASS: IV**

**Time Allowed: 20 Minutes**

**Name:** \_\_\_\_\_

**Section:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Invigilator's Signature:** \_\_\_\_\_

**Section-A (10 Marks)**

**Q. No 1: Encircle the correct option against each question.**

**(10)**

No	Question	A	B	C	D
i.	Which one of the given living things cannot move by themselves?	Birds	Cats	Cows	Plants
ii.	Which is the need of plant for life?	Oxygen	Water & sunlight	Electricity	Metal Substrates
iii.	Which profession is associated with plants?	Zoologist	Dentist	Botanist	Artist
iv.	Which is NOT a way of seeds dispersal?	Wind	Animals	Water	Underground
v.	What is the first part of the seedling to emerge from the soil?	Cotyledon	Radicle	Plumule	Seed coat
vi.	Which of the given functions is NOT a function of skeletal system?	Providing support for the body	Protecting the body	Keeping the body warm	Giving the body shape
vii.	What advantage do animals have with large ears in hot climate?	They can hear better	They can run faster	They can release excess heat	They can camouflage better
viii.	The place where an organism lives is called:	Desert	Habitat	Colony	None of these
ix.	Characteristics of liquids are:	Definite shapes	Definite volumes	No definite shape	Both B & C
x.	Anything which occupies space and possesses mass is called:	Energy	Matter	Both A & B	None of these



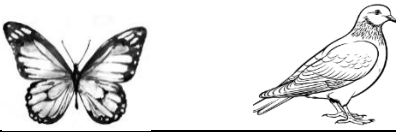

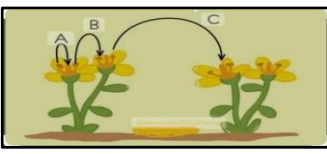
Time Allowed: 2.10 Hrs.

Total Marks: 50

**Section-B (30 Marks)**

**Q. 2 Answer the following questions briefly.**

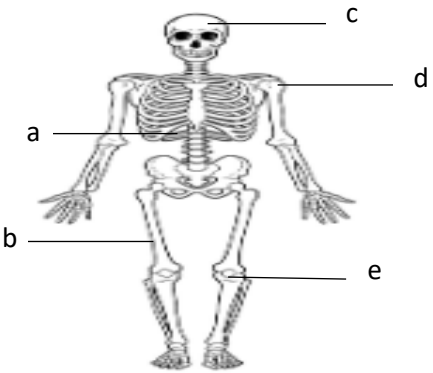
**(10 x3=30)**

i.	Why are plants important for us?	03	OR	Do all the living things need energy to grow?	03
ii.	How water is transported in a flowering plant?	03	OR	What will happen if the roots of plants are cut off by mistake?	03
iii.	What differences do you see between the pigeon & butterfly? Write your observations. 	03	OR	Write three advantages of having a first aid box at home?	03
iv.	Write-down the functions of the following: (a) Canines (b) Pre-molars (c) Molars?	03	OR	Differentiate between hibernation and migration.	03
v.	How urbanization and population growth can affect a habitat?	03	OR	How living things respond to environmental conditions?	03
vi.	Differentiate between birds and mammals.	03	OR	Differentiate between flowering and non-flowering plant.	03
vii.	Write down the functions of the following: a. Small intestine b. Liver c. Gall bladder	03	OR	Why it's necessary to have a digestive system in our body?	03
viii.	Make arrangement of particles in solid, liquid and gas. 	03	OR	Name the process shown in the following diagram.  A - B: ----- B - C: -----	1.5+ 1.5
ix.	Why does metal sink in water?	03	OR	What happens to the size of the balloon when you blow air into it?	03
x.	Write any three important functions of skeleton.	03	OR	Identify types of objects that are non-conductor:  Steel rod, pencil, wood, glass	03

### Section-C (20 Marks)

**Note: Answer the following questions in detail.**

**(4×5=20)**

<b>Q.3</b>	Briefly describe the ecosystem of a) Desert b) Ponds	2.5+2.5	<b>OR</b>	Write down the functions of the following parts of human digestive system: a) Esophagus b) Large intestine	2.5+2.5
<b>Q.4</b>	Describe the stages in life cycle of flowering plants.	<b>05</b>	<b>OR</b>	When a habitat changes, organisms living in it are affected as well. Explain how?	<b>05</b>
<b>Q.5</b>	Label the following diagram: 	<b>05</b>	<b>OR</b>	Define exoskeleton. Write names of animals having exoskeleton. Also draw the diagrams.	<b>2+3</b>
<b>Q.6</b>	Differentiate between melting and freezing point. Give examples from daily life.	<b>3+2</b>	<b>OR</b>	Write down the characteristics and functions of: a) Sepal b) Anther	<b>2.5+2.5</b>