



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

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.	The system which enables the movement in the human body?	Muscular	Respiratory	Nervous	Digestive
ii.	Oxygen and nutrients are carried to different parts of the body through:	Bones	Brain	Blood	Stomach
iii.	Identify the disease which is caused by virus.	Pneumonia	Cholera	Smut	Measles
iv.	How do infectious diseases spread from one person to another?	Eating vegetables	Breathing fresh air	Eating fruits	Touching contaminated objects
v.	In a farmyard, if a chicken eats seeds & insects, what is the chicken in the food chain?	Plant	Grasshopper	Predator	Consumer
vi.	What is the role of decomposers in the ecosystem?	They produce Oxygen	They eat other animals	They breakdown dead plants and animals	They help plants grow tall
vii.	Which one is NOT a physical change?	Cutting of wood into small pieces	Making paper airplane	Digestion of food	Melting of ice
viii.	The change of water into vapours is called:	Condensation	Evaporation	Freezing	Boiling
ix.	Speed of sound in air is:	340 m/sec	150 m/sec	500m/sec	None of these
x.	We can measure loudness of the sound using devices like:	Sound level Meter	Flute	Barometer	None of these



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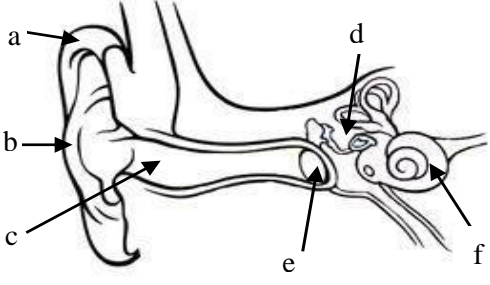
Time Allowed: 2:10 Hrs.

Total Marks: 50

Section-B (30 Marks)

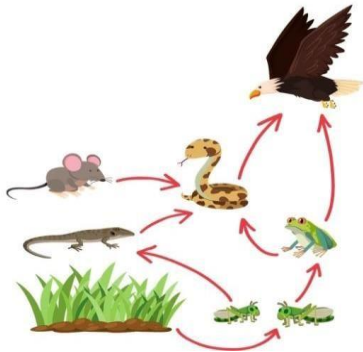
Q. 2 Answer the following questions briefly.

(10 x3=30)

(i)	How do the digestive & respiratory system are integrated?	03	OR	How do our body cells get oxygen?	03
(ii)	Are all the invisible organisms harmful?	03	OR	Name one disease caused by: a. Virus b. Bacteria c. Fungi	1+1+1
(iii)	How do microorganisms get transmitted into humans?	03	OR	What are the three methods of preventing the transmission of infectious diseases?	03
(iv)	How is the use of polythene bags harmful for the environment?	03	OR	What is predator-prey relationship? Support your answer with example.	1.5+1.5
(v)	Differentiate between bio-gradable & non- bio gradable matters.	03	OR	Write a short note on effects of burning fossil fuel.	03
(vi)	Why breathing is important?	03	OR	How does exhalation take place?	03
(vii)	How can you prevent iron from rusting?	03	OR	Why is spoiling of food named as chemical change?	03
(viii)	Why does sound travel faster in metals than air?	03	OR	Define noise. Mention its two harmful effects.	1+2
(ix)	Compare the properties of transparent and translucent objects.	1.5+1.5	OR	Despite being non-luminous like Earth, why does the moon appear luminous to us?	03
(x)	Label the structure of human ear. 	0.5x6	OR	Define the term "condensation" and "evaporation". Write examples for each.	1.5+1.5

Section-C (20 Marks)

Note: Answer the following Questions in detail.

<p>Q.3</p>	<p>a. Name two organs of following systems. Respiratory system, Circulatory system, Digestive system.</p> <p>b. Why a food chain starts with a producer?</p>	<p>3+2</p>	<p>OR</p>	<p>How does vaccine protect us from diseases?</p>	<p>05</p>
<p>Q4</p>	<p>Which defense mechanism is used against infectious diseases? Explain.</p>	<p>1+4</p>	<p>OR</p>	<p>What are the ways by which pollution can be reduced?</p>	<p>05</p>
<p>Q.5</p>	<p>Describe the three states of matter. How can they be converted from one form to another?</p>	<p>3+2</p>	<p>OR</p>	<p>What is meant by evaporation? Describe it by giving examples from everyday life.</p>	<p>2+3</p>
<p>Q.6</p>	<p>What is food web? Explain how different animals and plants are connected in the following food web.</p> 	<p>2+3</p>	<p>OR</p>	<p>Compare physical and chemical changes of matter with the help of examples.</p>	<p>2.5+2.5</p>