



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

**Time Allowed: 20 Minutes**

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

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

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

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

**Section-A(10Marks)**

**Q.No1: Fill the relevant bubble against each question according to curriculum.**

**(10)**

No	Question	A	B	C	D	A	B	C	D
i.	What is the function of chloroplasts in plant cell?	Energy production	Waste disposal	Photosynthesis	Protein synthesis	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ii.	How does the nervous tissue help in the body?	By providing strength	By secreting enzymes	By Sweating	By conducting messages	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
iii.	What is the fusion of male and female gametes called in plants?	Germination	Flowering	Pollination	Sexual reproduction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
iv.	Which is the example of natural propagation in plants?	Budding	Layering	Cutting	Grafting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
v.	Ali likes to eat junk food and refuses to eat fruits and vegetables. He will become?	Fit and active	Lazy and fat	Healthy and smart	Efficient and Energetic	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
vi.	The undigested food is removed from the body by the process of:	Ingestion	Digestion	Absorption	Egestion	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
vii.	Which one is NOT the property of gases?	Particles are far away from each other	Particles can easily be compressed	Less energy is required to break the force of attraction	Don't have any shape.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
viii.	Which is a compound in given options?	H <sub>2</sub> O	HO	O <sub>2</sub>	H <sub>2</sub>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ix.	Which is the only element that is liquid at room temperature?	Tin	Mercury	Copper	Silver	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
x.	A Solid has a:	definite volume but no definite shape	definite shape and volume	fast moving particles	definite shape but no definite volume	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



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

**Time Allowed: 2:10 Hrs.**

**TotalMarks:50**

**Section-B (30 Marks)**

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

**(10x3=30)**

i.	What would happen to a plant cell if it has no cell wall?	<b>03</b>	<b>OR</b>	How does a cell get water and nutrients?	<b>03</b>
ii.	Define asexual and sexual reproduction.	<b>03</b>	<b>OR</b>	Differentiate between cutting and grafting.	<b>03</b>
iii.	Write three functions of vitamin A.	<b>03</b>	<b>OR</b>	What is hemoglobin (Hb). Write its function.	<b>2+1</b>
iv.	What does specialization of cells mean?	<b>03</b>	<b>OR</b>	Why do organisms reproduce? What will happen if a group of organisms is unable to reproduce?	<b>1.5+1.5</b>
v.	Why do we need carbohydrates in our diet?	<b>03</b>	<b>OR</b>	What role do muscles play in digestion?	<b>03</b>
vi.	What is matter? Name three states of matter.	<b>1.5+1.5</b>	<b>OR</b>	Write any three properties of solid.	<b>1+1+1</b>
vii.	Why do you think diffusion can only take place in liquids and gases and not in solids? Give reason.	<b>03</b>	<b>OR</b>	How does matter change its states? Explain it with diagram.	<b>1.5+1.5</b>
viii.	H <sub>2</sub> O is the formula for water, write down its elements and number of atoms.	<b>1.5+1.5</b>	<b>OR</b>	Write a short note on nitrogen.	<b>03</b>
ix.	Determine the number of elements and number of atoms in following compound (a) carbondioxide (b) sodium chloride	<b>1.5+1.5</b>	<b>OR</b>	Illustrate formation of carbon dioxide and magnesium oxide.	<b>1.5+1.5</b>
x.	How can villi help in absorption of food?	<b>03</b>	<b>OR</b>	Define digestion? Why do we need to digest food?	<b>1.5+1.5</b>

**Section-C (20 Marks)**

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

**(4x5=20)**

<b>Q.3</b>	Draw and describe an animal cell.	<b>2+3</b>	<b>OR</b>	Describe runners with example and diagram.	<b>3+1+1</b>
<b>Q.4</b>	What is balanced diet and why it is important?	<b>2+3</b>	<b>OR</b>	Draw a well labeled diagram of human digestive system.	<b>05</b>
<b>Q.5</b>	Where does rain come from and how is it made?	<b>05</b>	<b>OR</b>	Define and describe sublimation process with example.	<b>2+3</b>
<b>Q.6</b>	Compare properties of metals and non-metals.	<b>2.5+2.5</b>	<b>OR</b>	Identify five compounds found in your surroundings and write down their uses.	<b>05</b>

