ROLL NO.	
	1

## DAV BR PUBLIC SCHOOLS, BINA SESSION 2024-25 PRACTICE PAPER

Class: VI Subject: Science

Time Allowed: 2hrs MM: 50

## GENERAL INSTRUCTIONS:

- 1. All questions are compulsory.
- 2. Question no. 1 to 6 are multiple- choice questions (MCQs) carrying 1 mark each.

Question no. 7 and 15 are very short answer type question carry 1 mark each.

Question no. 16 to 20 are case based questions, carrying 1 mark each.

- 3. Question no. 21 to 23 are short answer type questions, carrying 2 marks each.
- 4. Question no. 24 to 26 are short answer type questions, carrying 3 marks each.
- 5. Question no. 27 to 29 are long answer type questions, carrying 5 marks each.

Q.No.		•	JESTIONS		MARKS
	Choose the correct answer				
1	Which of the followi a) mustard oil c) carbondioxide	ng is insoluble	in water? b) sugar d) common salt		1
2	A torch bulb which normally works on 4.5 volts electricity is connected to domestic			1	
	electric supply of 220 volts. Which of the following will happen to this torch bulb?				
	a) it will glow very brightly.				
	b) it will glow very dimly.				
	c) it will not glow.				
	d) it will get fused.				
3	A substance that sublimes easily, is			1	
	a) naphthalene		b) salt		
	c) sugar		d) chalk		
4	The standard unit of mass is				1
	a) kilogram		b) milligram		
	c) meter		d) gram		
5	5 Plants also give out carbon dioxide at night. Which one of the following			ne following	1
	characteristics of living things will be exhibited by plants?				
	a) photosynthesis	b) growth	c) respiration	d) reproduction	

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6	Mineral essential	for formation of	haemoglobin:-			1	
	i) iodine	ii) iron	iii) p	hosphorus	iv) potassium		
7	What does LED	stand for?				1	
8	What type of motion does an object possess when it moves in a straight line?						
9	Name the process	s by which smell	of perfume reach	es us.		1	
10	Name the process	s which helps to i	ncrease the rate of	of sedimentation	on.	1	
11	Give another nan	ne for 'push or pu	ll' applied to an	object.		1	
12	Give example of	one vertebrate tha	at reproduce thro	ugh eggs.		1	
13	Which componer	nt of air gets used	up during the pro	ocess of photo	synthesis.	1	
14	Name two proces	sses that help in b	alancing of carbo	on -dioxide &c	oxygen in the	1	
	atmosphere.						
15	Give one exampl	e of unicellular or	ganism.				
	Read the extract	and answer the qu	estion:				
	Ravi and Priya vi	isited their school	's garden during	their biology c	class. The garden		
	was full of variou	us plants, insects,	birds, and small	animals. They	observed a few		
	things:						
	a) There were many flowering plants like roses, sunflowers, and marigolds. Bees						
	were buzzing around, collecting nectar from the flowers.						
	b) They noticed a small bird building its nest in a tree.						
	c) In a corner of	the garden, there	was a compost pi	t where leaves	and kitchen		
	waste were decor	mposing.					
	d) They also saw	earthworms mov	ing in the soil ne	ar the composi	t pit.		
16	How do bees help	p flowering plants	in the garden?			1	
	a) By protecting	them from insects					
	b) By pollinating	them					
	c) By eating the f	flowers					
	d) By watering th	nem					
<b>17</b>	What role do ear	thworms play in the	he soil?			1	
	a) They eat the roots of plants						
	b) They decompose dead organic matter						
c) They produce harmful chemicals							
	d) They clean the soil						
18 The group of organisms which use light for making food are called					ed	1	
	a) autotrophs	b) heterotrophs	c) decomposers	d) scavenge	ers		

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19		_	t biodegradable?		1
	a) vegetables	b) fruits	c) earthworm	d) aluminium foil	
20	Why is the compost pit important for the garden ecosystem?				1
	a) It provides a place for birds to live				
	b) It helps in th	e decompositi	ion of organic wast	e, enriching the soil	
	c) It attracts harmful insects to the garden				
	d) It is a source	of water for j	plants		
21	Define Winnowing.				
22	2 Why should we always dry our hands before touching an electric appliance or a				2
	switch?				
23	How does deco	mposition of	animals turn out to	be useful?	2
24	What is PEM. I	Name two dis	eases caused in chi	ldren because of malnutrition.	3
25	Describe one te	est each for de	tecting the presence	e of	3
	a. proteins				
	b. starch				
26	Write three pre-	cautions, to be	e followed, when a	meter scale is being used for	3
	measuring a giv	ven length.			
27	Explain the class	ssification of	animals on the basi	is of food habits.	5
			Or		
	State five differ	rences betwee	n living & non-livi	ng things	
28	Explain with th	e help of an a	ctivity, how to sep	arate two immiscible liquids like	5
	mustard oil &w	ater.			
29	Draw symbols	for the follow	ing.		
	a. Cell				5
	b. Battery				
	c. Connecting v	vire			
	d. Bulb/lamp				
	e. Electric swite	ch			
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