GREENLAWNS SCHOOL, WORLI TERMINAL EXAMINATION 2025-26 SCIENCE

Std: VI	II			Marks:	80	
Date:1	8/09/2025			Time: 2	2 hours	
	Attempt		rams to be drawn wi	•		
	_	<u> </u>	t indicate the marks			
•		•	estions from the g	•	[10]	
a.	If a piece of ice is dropped into a glass					
	(i) Juice to Ice		(ii) Ice to juice (iv) No heat flow happens			
	(iii) both (i) and (ii)		(iv) No heat now happens			
b.	The frequency of sound is measured in:					
	(i) Hertz	(ii) Pascal		(iv) Metres		
C.	If the angle of incidence is 45°, the angle between the incident ray and reflected ray is:					
	(i) 60^{0}	(ii) 45 ⁰	(iii) 30°	(iv) 90°		
d. Most insects have pair(s) of legs:						
	(i) one	(ii) two	(iii) three	(iv) four		
e.		s) of aerobic respira				
	(i) CO ₂ (iii) CO ₂ + H ₂ O +	oporav.	(ii) CO ₂ + H ₂ O (iv) CO ₂ + energy			
	(111) CO2 + 112O +	energy	(IV) CO2+ energy			
f.	All vertebrates lay eggs except:					
	(i) Fish		(iii) Birds	(iv) Mammal	S	
g.		xed shape and volu	me because of		intermolecular	
	distance:	(ii) Minimum	(iii) Intermediate	(iv) None		
	(i) Maximum	(ii) iviii iii iaiii	(iii) intermediate	(IV) NOTIC		
h.	The change in which heat energy is absorbed is called:					
	(i) Exothermic	(ii) Endothermic	(iii) Physical	(iv) Chemic	al	
i.		separation is based		the principle of adsorption:		
	(i) Distillation (iii) Chromatography		(ii) Fractional Distillation (iv) Centrifugation			
	(iv) Certificing autori					
j.	The molecular formula of phosphorous pentoxide is :					
-	(i) PO ₂	(ii) P ₂ O ₄	(iii) P ₂ O ₃	(iv) P ₂ O ₅		

Q II A) State whether the following statements are true or false. If false, rewrite the correct statement by changing the underlined word / words:

a. Kingdom fungi includes <u>prokaryotic</u>, multicellular organisms having absorptive mode of nutrition.

[5]

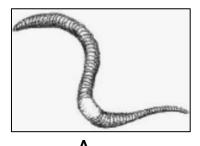
b. Sea cucumber, Sea lily and Sea urchin are organisms belonging to phylum <u>Echinodermata</u>.

- c. Reflection from any rough surface is known as <u>Diffuse</u> Reflection.
- d. High pitched sounds are called <u>Bass</u> and low-pitched sounds are called Treble.
- e. Alcohol has a <u>lower</u> boiling point as compared to water.

Q II B)		ing the correct option from the brackets given				
	below:		[5]			
a.	Heart in amphibians is	(three chambered/four chambe	red)			
D.		sfer of heat due to the mass motion of the fluid as	а			
0	result of temperature difference. (conduction/convection) The space between the molecules inside any particle of matter is called					
C.		(intermolecular/intramolecular)				
٦	space.	covered by an exoskeleton of cuticle made up of	1			
u.	The body of all altillopod is	(cellulose/chitin)				
e	Fermentation of a sugar solution in the presence of enzymes is an example of change. (physical/chemical)					
0.						
		,				
Q II C)	Match the following:		[5]			
а	. Amplitude	i. Aluminium, copper				
	. Frequency	ii. Requires no medium				
	Good conductor of heat	, O				
	. Bad conductor of heat	·				
е	. Radiation	v. Distance from mean position				
O 11 D/	Complete the completion.		re1			
•	Complete the correlation:		[5]			
	Hydra: Coelenterata:: Plan Euglena:: Pa					
		:: Cream from milk : Centrifugation				
	Sulphuric acid: H ₂ SO ₄ :: Ni					
e.	Speed of light in air:	:: Speed of light in glass : 2 × 10 ⁸ m/s				
	<u> </u>					
Q II E)	Define the following terms:	:	[5]			
a.	Heterogenous mixture	d. Respiration				
	Longitudinal wave	e. Taxonomy				
C.	Reflection of Light					
0 II E\	Distinguish Laterage (La Ca	Harristan and the material and an extension of the state				
•	_	llowing with reference to what is stated within				
1	the brackets:		[6]			
2	Real image and Virtual imag	e (nature of image)				
		e (nature of image) aerobic Respiration (energy released in terms of A	TP)			
		um Annelida (one example each)	11)			
	Class Pisces and Class Rep	` ' '				
	Compounds and Mixtures (for	` ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '				
	•	varm-blooded animals (meaning)				
		ζ,				
	A) Give a scientific reason for		[4]			
	Cooking of food is a chemical					
	Ovens have double walls and	•				
		ts remain waterlogged for a long time.				
d.	Some bacteria like Rhizobium	n and Azotobacter are considered to be useful bac	teria.			

Q.IV) Answer the following diagram-based questions:

A) Observe the organisms A and B as shown in the pictures given below and answer the questions that follow:

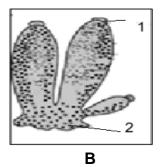


a. Sarthak visited an agricultural farm and saw this organism crawling all around in the soil. Identify the organism given and state its phylum.

[2]

- b. What type of symmetry is found in such organisms? [1]
- c. What are the external segmentation and internal segmentation of such organisms known as?

[1]



a. Meera saw a marine organism which was sedentary and lacked locomotory organs. Identify the organism and its phylum.

- b. What are the large number of pores present all around the body of this organism known a? State its function. [2]
- Label parts '1' and '2'. State the function of part '2'. [2]

B) Snigdha went to a visit a zoological garden. The pictures given below depicts the various animals she saw over there. Can you help her in resolving her doubts that she has in her mind after coming back from the garden?



(a) Elephant



(b) Salamander



(c) Sting ray



(d) tortoise

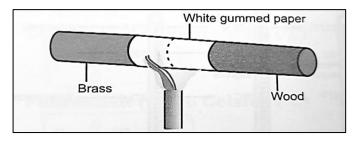
a. Identify the classes of animals 'a', 'b', 'c', and 'd'.

- [2]
- b. Which phylum do they all belong to? Why have they been allotted this phylum? [2]
- c. Give two characteristics of this phylum.

[2]

d. Define notochord.

C) Krish was performing the below given experiment taught to him by his science teacher in the class. Can you answer a few questions that he needs to prepare for a test in school, the very next day?



- a. What do you observe in this experiment?b. Explain the reason for your observation.c. What do you conclude from the experiment?[1]
- Q.V) Complete the table by writing the chemical formula of the following compounds:

Sr. No. Name Chemical formula

1. Hydrogen Sulphide a)

2. Carbon monoxide b)

3. Acetic acid c)

4. Calcium hydroxide d)

Q VI A) Answer the following questions:

- a. What do you mean by lateral inversion and the type of mirror that suffers from the same. [2]
- b. How is heat loss by convection, conduction and radiation (all three) prevented in a vacuum flask?[2]
- c. Explain the principle on which the technique of Centrifugation works. [2]
- d. Rita conducts the bell-jar experiment in Std 7 to prove that sound requires a medium to propagate. How does the working of the bell differentiate in the following situations: [2]
 - i. with air
 - ii. without air

Q VI B) Draw a neat labelled diagram of a Starfish.

[2]

[4]