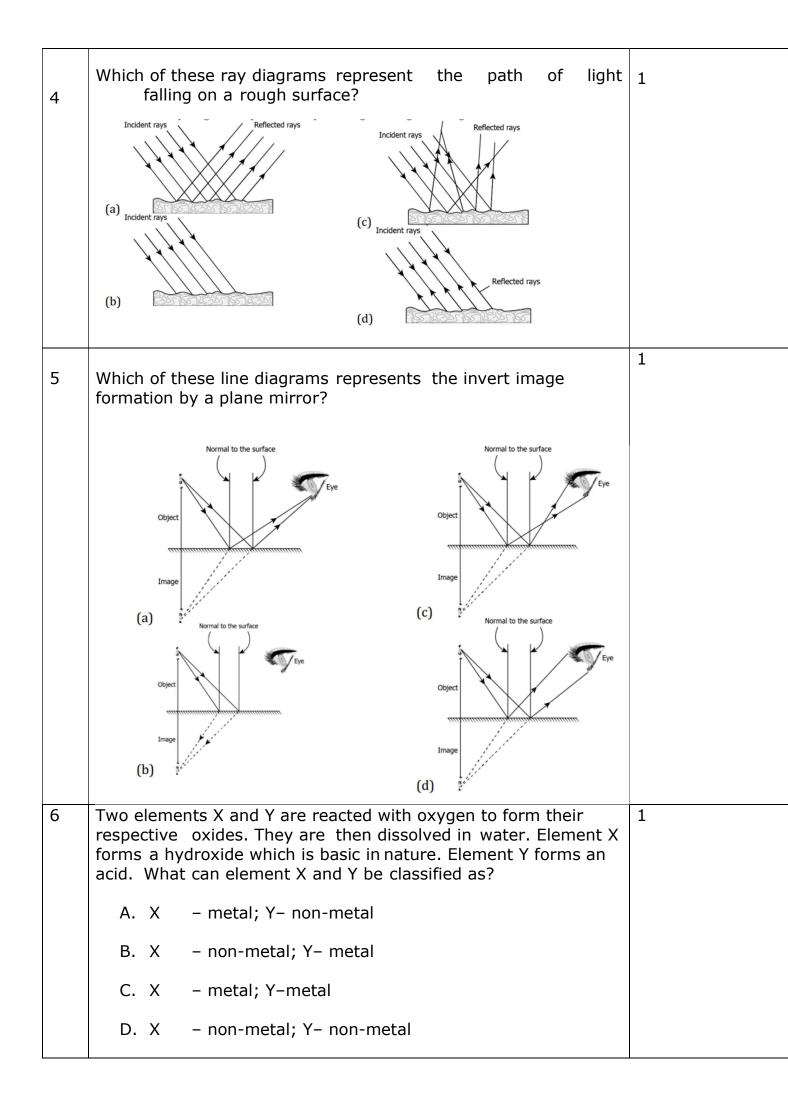


Date: 24/03/22	ANNUAL EXAMINATION (2021-22)	
	-	Max marks: 40
GRADE: VIII	SCIENCE	Time: 2hours

## General Instructions:

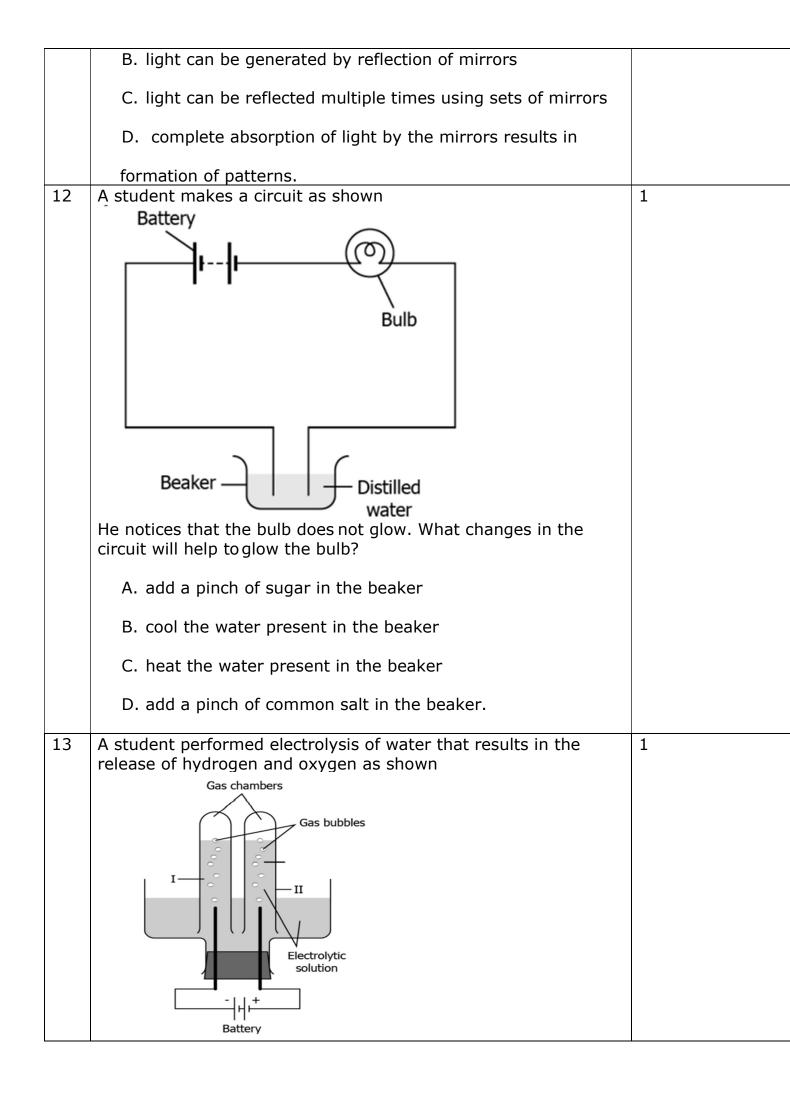
- 1. This question paper contains FOUR sections.
- 2. Section A contains 20 multiple choice questions. Each carry one mark.
- 3. Section B contains 3 questions. Each carry 2 marks.
- 4. Section C contains 3 questions. Each carry 3 marks.
- 5. Section D contains one case based question which carry 5 marks.

-		
Qn.		
No		
	SECTION-A	
1	The normal length of vocal cords in man is A. 30mm	1
	B. 25mm	
	C. 20mm	
	D. 35mm	
2	The part of the eye that renders colour to it is :	1
	A. Iris	
	B. Cornea	
	C. Retina	
	D. eye lens	
3	The part which resembles like a stretched rubber sheet inside the ear is A. Ear canal	1
	B. Pinna	
	C. Ear drum	
	D. Ear bones	



7	Where would phosphorous	1			
	A. Machir	nery			
	B. Electri	c wires			
	C. Fertiliz	zers			
	D. Fuel				
8	A student fille	ed three beak	erswith solu	itions. Metals were added	1
	to each solut				
	Beaker	Solution	Metal Added		
	1	ZnSO₄	Fe	]	
	2	FeSO₄	Cu		
	3	CuSO₄	Ag	-	
	4	CuSO₄	Zn		
	In which bea	ker would a d	displacemen	t reaction take place?	
	A. beaker	1			
	B. beake	r 2			
	C. beake				
	D. beaker	4			
9	The table li	sts propertie	es of a subs	stance X	1
	1. Can be				
	2. Can be				
	3. Can be				
		sound when		ammer	
	5. Good o				
	6. Condu				

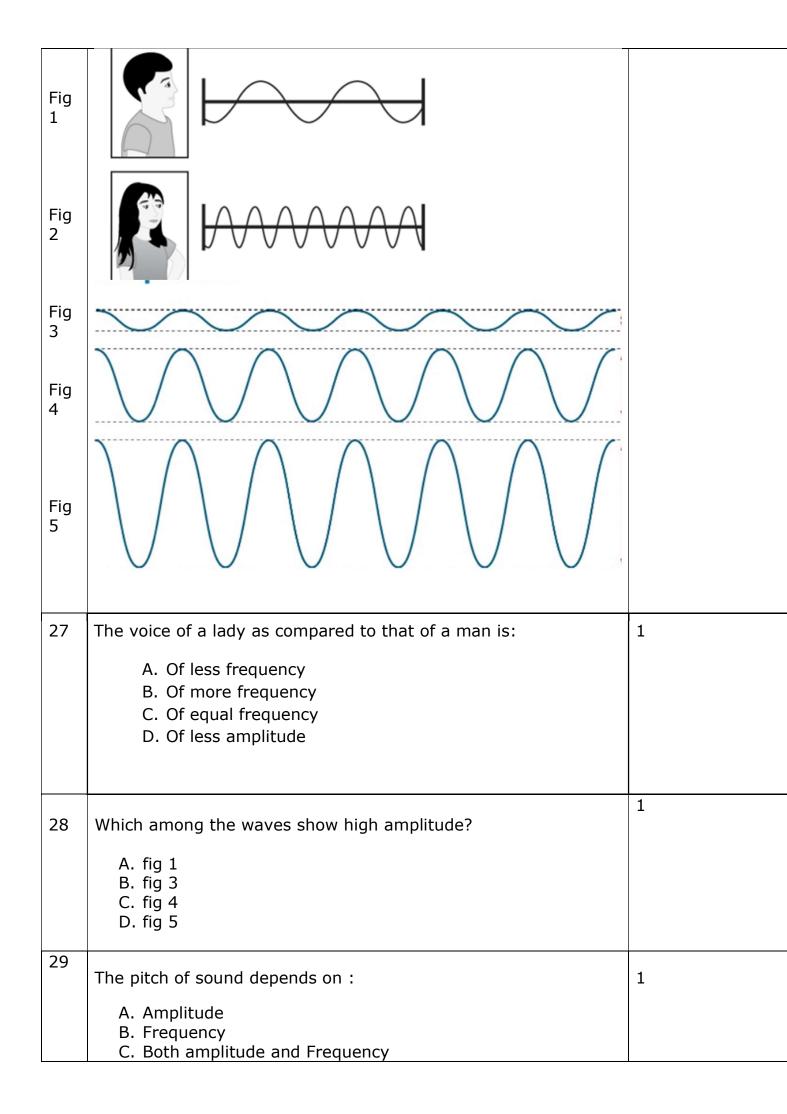
	What can substance X be classified as?	
	A. metal, because metals change shape on their own	
	B. non-metal, because non-metals can be made into wires	
	C. non-metals, because non-metals are weak conductors of electricity	
	D. metal, because metals are malleable and conductors of heat and electricity	
10	Sound is transmitted:	1
	A. Only in solid medium	
	B. In liquid and solid mediums	
	C. In solid and gas mediums	
	D. In solid, liquid and gas mediums	
11	The image shows the working principle of a kaleidoscope and images formed due to different angle of the mirrors within it.	1
	Kaleidoscope	
	Incoming beam	
	Entrance lens	
	Mirrors	
	Outcoming beam	
	Which phenomenon results in the formation of pattern in a kaleidoscope?	
	A. reflection increases the total amount of light	



	stu	determine the ch ident brings a lightion states the co					
		<ul> <li>A. Both the gases</li> <li>B. Both the gases</li> <li>C. Hydrogen will the candle to b</li> <li>D. Hydrogen will put off the car</li> </ul>					
14		hat happens when phate having iron		-			1
		<ul><li>A. Copper forms</li><li>B. Iron gets depo</li><li>C. Iron rod comp</li><li>D. Sulphur forms</li></ul>	sited letely	on the copp dissolves in	er rod. the solutior		
15		nat table shows th and multicellu	ne cla	ssification of			1
		Unicellular Animals	Multi	cellular Animals			
	(a)	Amoeba Paramecium		Onion Fly			
		Unicellular Animals	Multi	cellular Animals			
	(b)	Cheek cell RBC		Paramecium Amoeba			
		Unicellular Animals	Multi	cellular Animals			
	(c)	Fly RBC		Paramecium Amoeba			
		Unicellular Animals	Multi	cellular Animals			
	(d)	Algae Nerve cell		Paramecium Amoeba			
16		e table lists two p rts of the plant ce			l with their f	unction. Which	1
	ļ	A		В			
		Act as an outer covering in plant c	ell	A small se genetic ma	-		
	A. A is cell wall and B is DNA. B. A is cell wall and B is gene. C. A is cell membrane and B is gene. D. A is cell membrane and B is DNA.						

17       The cell wall is made of a non-living material known as:       1         A. chromosome B. nucleic acid C. cellulose D. protoplasm       1         18       The image shows a mode of reproduction in fishes.       1         18       The image shows a mode of reproduction in fishes.       1         Nate fish spreads sperm over eggs         Female fish lays coas.       Based on the image, what is the mode of reproduction and the type of fertilization shown?         A. sexual reproduction and internal fertilization B. sexual reproduction and external fertilization D. asexual reproduction and external fertilization D. asexual reproduction and external fertilization         19       The image shows five animals.       1         19       The image shows the classification of the animals into viviparous and oviparous animals?       1         10       Viparous Oriparous Animals       1         10       Viparous Oviparous Animals       1         10       Viparous Oviparous Animals       1         10       Viparous Oviparous Animals       1								
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cow Dog, ostrich Hen, ostrich crocodile					(c)			
				Dog, ostrich				
		(b) l			(d)			

20	Why does the process by which hydra reproduces is considered as an asexual mode of reproduction?	1
	A. The process gives rise to a young hydra similar to its parent.	
	B. The process involves the separation of young hydra from its parents.	
	C. The process requires opposite sexes of hydra to interact with each other.	
	D. The process requires just one parent hydra to give birth to a young hydra.	
	SECTION B	
21	<ul> <li>a) State the laws of reflection of light.</li> <li>b) If the incident ray strikes the mirror at 90°, what will be the angle of reflection?</li> </ul>	2
22	<ul> <li>What happens when</li> <li>a) Dilute Sulphuric acid is poured on a copper plate?</li> <li>b) Iron nails are placed in copper sulphate solution?</li> <li>Write word equations of the reactions involved.</li> </ul>	2
23	Why do you think it is necessary for frogs and fish to lay so many eggs?	2
	SECTION C	
24	Explain the process of electroplating with the help of an example. Give its any two uses.	3
25	Why do plant cells need a cell wall, whereas animal cells do not?	3
26	Describe the process of fertilization in human beings.	3
	SECTION D	
	In our day-to-day life we come across different types of sound. A mother talking to her kid has a different voice pattern compared to that of the kid. Amplitude and frequency are the two characteristics of sound which makes one sound different from others. Observe the different sound wave pattern given below and answer the following questions.	
	l	<u> </u>



	D. None of these.	
30	If there are 25 waves produced in 5 seconds, what will be its time period	1
	A. 5 second B. 1 second C. 1/5 second D. 0.1 second	
31	The range of frequency for human audible sound is A. 10Hz to 500 Hz B. 20Hz to 200Hz C. 20 Hz to 2000Hz D. None of these	1

Send the answer scripts to : answersheets.tvis@gmail.com