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HALF YEARLY EXAMINATION HSL 8 - Std - 2022 SCIENCE CITTIC

1111e: 2.00 Hrs	그림, 내용 그렇게 살아 먹는 그리고 말했다.	
		Maulea . CC

I	CL		Marks: 60		
1.	Choose the correct answer.		0.34		
4.	which of the following a simple at				
	Source, Wire In	-A			
	Source. Wire Swi	tch			
, .	of bactery, Wire, Switch	[] [] 그렇게는 강성됐다니까요~			
2.	ruse is				
	a) a switch b) a wire with low	resistance			
	of the Willi high resistace				
	an alocalist device for breaking an alocalist				
3.	Sound waves travel very fast in				
	b) metals				
4.	Find out odd one out.  a) Harmonium b) Flute The range of audible frequency	d) liquids			
	a) Harmonium b) Flute	c) Node			
5.	The range of audible frequency	for the house			
	a) 2 Hz to 2000 Hz	To the numan ear is	•••		
	a) 2 Hz to 2000 Hz c) 20 Hz to 20,000 Hz	n) 20 Hz to 2000 Hz			
6.	Cathode rays are made up of	d) 200 Hz to 20,000 Hz			
	a) Neutral particles		12296		
	a) Neutral particles c) Negatively charged particles	b) Positively charged particles			
7.	In water hydrogen and overse	d) None of the these			
	In water, hydrogen and oxyger mass. (a) 1:8	are combined in the ratio o	f by		
8.	joints are immorable	b) 8 : 1 c) 2 : 3 d) 1	3		
	a) shoulder and arm				
	a) shoulder and arm	b) Knee and joint	1		
9.	c) Upper jaw and skull	d) Lower Jaw and upper Jaw			
٠.	Cockroach moves with the help	마이얼마 이번 환경하는 사이를 가게 하면 다른 경기를 받았다. 그리고 나를 하는 것이 되었다고 하는 것이다.			
10	a) leg b) bone	c) muscular foot d) whole boo	dy .		
10.	Adolescence is the period of life				
	a) 10 to 16 b) 11 to 17	c) 11 to 19 d) 11 to 20			
II .	Match the following.		5 x 1 = 5		
11.	Speed of sound in air -	James Chadwick			
12.	Fuse -	Water			
13.	Neutron -	Change in Voice			
14.	Universal solvent	330mS <sup>-1</sup>			
15.	Adam's apple	Prevents a circuit from over h	eating		
	그 이번 그 아이를 살아가 되었다면 그 얼마나 되었다.	내고 뭐 이 없었습니다 하실 때 얼마나 아무리 하는데 되었습니다.			

III Write any 15 of the following.

 $15 \times 2 = 30$ 

16. What is electric circuit?

- 17. Give some uses of electroplating.
- 18. What is an ultrasonic sound?
- 19. Complete the analogy.

i) Knot is a thread : Static friction.

Ball Bearing: ..... friction.

- ii) Downward force: Weight:: Upward force offered by liquid .......
- 20. State the law of conservation of mass.

21. Write the names of the following compounds.

a) Co

b) N<sub>2</sub>O

c) NO2 d) PC15

- 22. Define: Specific heat capacity.
- Give reason for the following. 23. Ice floats on water.
- 24. What are the methods of removing hardness of water?
- State true or false : If false, correct the statement.
  - 1) All bases are alkalis.
  - 2) Hibiscus flower is an example for natural indicator.
- Write any four physical properties of acids?
- What is an indicator?
- 28 What is a neutralization reaction?
- 29. What is Skeleton?
- Differentiate tendos and ligament.
- What is adolescence?
- How is adolescence differ from childhood?
- 33. Match the following.

i) Puberty

Testosterone

ii) Adam's apple

Muscle development

Change in voice

iii) Androgen

Sexual maturity

- iv) ICSH
- 34. Explain menarche.
- 35. What is fertilization?
- IV Write any one from all questions.

 $3 \times 5 = 15$ 

- 36. Explain series and parallel circuit. (OR) Explain the working of a periscope.
- What is electrolysis? Explain the electrolysis of water. (OR) 37. Explain how good items are spoiled by chemical reactions.
- Name the different types of joints? Give one example for each type. (OR) Write a short note on bacteria and its structure. Draw diagram.