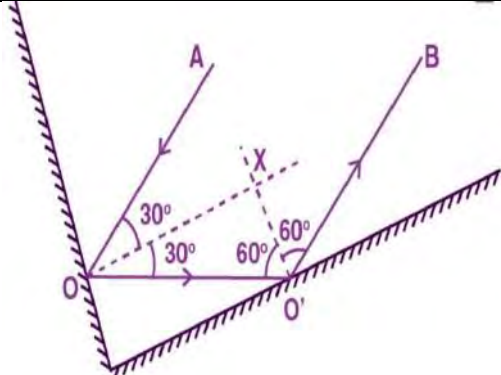


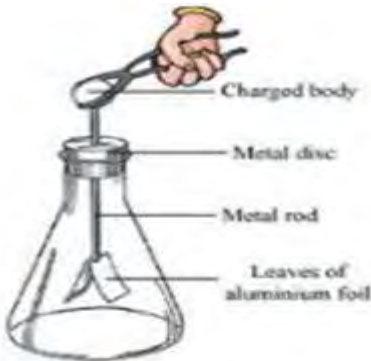
KENDRIYAVIDYALAYASANGATHAN,LUCKNOWREGION
SESSION ENDING EXAMINATION 2023-24
CLASS8 SCIENCE
MARKINGScheme

SECTION A

1.	(b) virtual, behind the mirror and of the same size as the object.	1
2.	(a) its amplitude.	1
3.	(b)Thyroxine	1
4.	(b)Metamorphosis	1
5.	(a) Lowest temperature at catch fire	1
6.	(c)Hormones	1
7.	(a) Oviparous animals give birth to young ones.	1
8.	(b)Tuberculosis	1

SECTION B

9.		2
10.	<p>Oscillation frequency = 500 Hz</p> <p>The time period of the vibration = $1/500 = 0.002$ s</p>	2
11.	<p>Chemical agents that kill or stop the growth of disease-causing microorganisms are called antibiotics. Antibiotics should be taken only on the advice of a qualified doctor. Also, one must complete the course prescribed by the doctor.</p>	2
12.	<p>Any 2 points</p> <p>Zygote:</p> <ul style="list-style-type: none"> • It is the earliest stage of development • It is formed by the fusion of male and female gametes • It is a single cell • The zygote divides several times to form an embryo • The zygote normally lasts a week and then develops into its next stage. <p>Foetus</p> <ul style="list-style-type: none"> • It is the last developmental stage of an organism • The stage of the embryo shows all the main recognisable body parts of a mature organism. • The foetus stage occurs after the embryo stage • Foetus mainly undergoes internal development 	2

13.	(a)acids, bases and salts (b)chemical	2
SECTION C		
14.	Microorganisms cause diseases in plants and animals. For example, Cholera in humans is caused by bacteria called <i>Vibrio cholera</i> . In animals, the virus causes foot and mouth diseases. Microorganisms spoil food by decomposing the food material. Some microorganisms spoil leather and clothes. Microorganisms are also responsible for food poisoning.	3
15.	 <p>It consists of a metal rod on which two leaves of aluminium foil are fixed to one end and a metal disc at the other end. The leaves are kept inside a conical flask, and it is corked to isolate them from the atmospheric air. When a charged body comes in contact with the metal disc, the aluminium leaves move away from each other because some charges get transferred to aluminium leaves through the metal rod. This process is called charging by conduction. The charges on the leaves and the charged body are of the same in nature, and thus, the leaves of aluminium repel each other. If the body is not charged then they would attract each other.</p>	3
16.	Any 3 points	3
17.	Candle Flame diagram	3
SECTION D		
18.	a) Correct labelled diagram of human eye b)Correct laws of reflection (two points)	3 2
19.	a. i) The liquid may be non-conducting. In this case, the circuit is incomplete, and the current does not pass through the liquid. ii). Electric current may be weak for the circuit is made up of a material which is not a good conductor of electricity, or there is insufficient energy in the battery to generate electricity. b) No, but pure water conducting electricity when salt dissolves in it.	3 2
20.	Any 5 endocrine glands and hormones secreted by them. OR Any 5 changes.	$\frac{1}{2} * 5$ $\frac{1}{2} * 5$
SECTION E CCT		

21.	<p>1. (a) charged</p> <p>2. (c) they may attract or repel depending on the type of charges they carry</p> <p>3. Plastic straws will attract each other</p> <p>4. They will repel each other.</p> <p>5. A lightning conductor protects buildings.</p> <p>6. A lightning conductor is a device use to protect the buildings.</p>	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p>
22.	<p>1. (a) its amplitude.</p> <p>2.(c) Light and sound both require a medium for propagation.</p> <p>3.(b) above 20,000 Hz</p> <p>4. (c)A man</p> <p>5.(a) frequency</p>	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p>
23.	<p>a) smallpox, polio, aids etc.</p> <p>b) c Edward Jenner</p> <p>c) true</p> <p>d) rabies</p> <p>e) Correct importance of vaccine.</p> <p>f) Doctor ask her this question because vaccine produce antibodies in the Sumit body which will remain in his body.</p>	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p>
END		