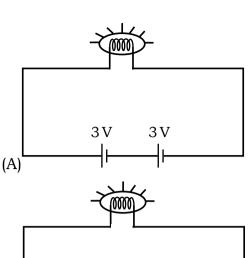


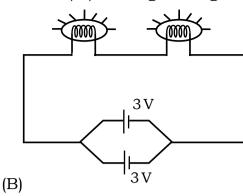
## (AISCE)

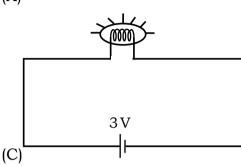
	ne of the School	<u>:</u>	Date :							
Cla	ss	: Subjec	t: Science	Time: 60 Min						
Ins	structions to t	he Candidate								
1. I	Each question carries	1 mark. There is no negative m	arking.							
		k Reader (OMR) Answer Sheet i								
<ol> <li>Read the questions carefully and fill in the circle corresponding to your answer. Fill in the circle Completely.</li> <li>Rough work should be done only in the space provided in the Question Paper Booklet.</li> <li>Return the OMR Answer sheet to the invigilator before leaving the examination hall.</li> <li>You can carry the question paper with you after completing the examination.</li> </ol>										
								xamination hall, you are not pe		nd of the examination
								, , , , , , , , , , , , , , , , , , ,		
		VII Clas	s Science							
		<u></u>								
Α	device used t	to measure the distar	nce moved by a v	ehicle						
			· ·							
( <i>F</i>	A) odometer	(B) speedometer	(C) ammeter	(D) Both (A) and (E						
T	he value of 2	km/hr is equal to	<u> </u>							
(A	$(4)\frac{4}{9}$ m/sec	$(B)\frac{5}{9}$ m/sec	$(C)\frac{13}{9}$ m/sec	$(D)\frac{7}{9}$ m/sec						
ъ				,						
Physical quantity which we can't obtain from a distance – time graph is										
( <i>P</i>	(A) speed		(B) time taken							
((	(C) change in weight		(D) change in position							
`										
·	the displacen	nent of a particle is z	zero, distance cov	vered by it						
If	the displacen A) Must be zer	<del>-</del>	zero, distance cov (B) may (or) ma	-						

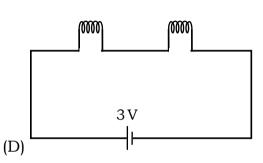
Name of the Student :\_\_\_\_\_\_ Roll No.:

5. In which of the following circuit will the bulb (or) bulbs glow brightest?









6. Which of the following is symbol of a resistor

- **-**//////-(A)
- (B) (D)



- Type of mirror that is used as a rear view mirror in case of vehicles is .......
- (A) concave mirror

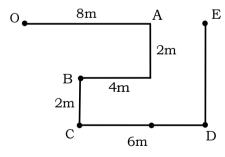
(B) convex mirror

(C) plane mirror

7.

(D) All of these

8. The distance travelled by the particle in the following figure is



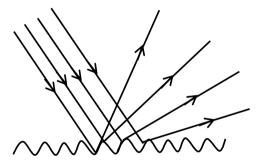
- (A) 400 cm
- (B) 20 m
- (C) 26 m
- (D) 200 cm

9. The speed of a body can never be

- (A) Negative
- (B) Positive
- (C) Zero
- (D) Both (B) and (C)

- 10. Heat always flows from
  - (A) Higher temperature to lower temperature
  - (B) Lower temperature to higher temperature
  - (C) Sometimes higher to lower and lower to higher temperature
  - (D) Both (A) and (C)
- 11. Scales show same reading?
  - (A)  $-40^{\circ}$ F
- (B) -48°C
- (C)  $-30^{\circ}$ C
- (D)  $-40^{\circ}$ C
- 12. The maximum and minimum temperature of a day are measured with a \_\_\_\_
  - (A) Celsius thermometer
- (B) Fahrenheit thermometer
- (C) Maximum minimum thermometer
- (D) Kelvin thermometer
- 13. The process by which heat comes from sun to the earth is \_\_\_\_\_
  - (A) Conduction
- (B) Convection
- (C) Radiation
- (D) Vaporization

- 14. A lk rise in temperature is
  - (A) the same as 1°C rise in temperature
  - (B) the same as a 1°F rise in temperature
  - (C) more than a 1°C rise in temperature
  - (D) less than a 1°F rise in temperature
- 15. The given picture shows



(A) Regular reflection

- (B)Irregular reflection
- (C)equal reflection (D) more equal reflection
- 16.  $4\text{Na} + \underset{2\text{Z}}{\overset{2\text{Mg}}{+}} \xrightarrow{X} Y + \underset{K}{\overset{Z}{+}} O \longrightarrow \text{NaOF}$

Identify X, Y, Z and K

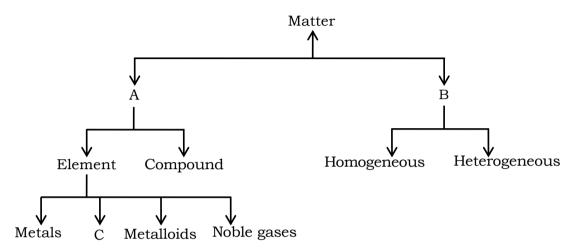
	X	Y	Z	K
(A)	$H_2O$	$O_2$	MgO	$Mg(OH)_2$
(B)	$O_2$	$Na_2O_2$	MgO	MgO
(C)	$O_2$	$Na_2O$	MgO	$Mg(OH)_2$
(D)	$H_2O$	$O_2$	$Mg(OH)_2$	MgO

17.	A students puts one big Iron nail in four test tubes containg solutions of zinc sulphate, aluminium sulphate, copper sulphate and iron sulphate. A reddish brown coating was observed only on the surface of iron nail which was put in the solution of						
	(A) ZnSO <sub>4</sub>	(B) FeSO <sub>4</sub>	(C) CuSO <sub>4</sub>	(D) $A\ell_2(SO_4)_3$			
18.	Which of the	following observatio	n is not correct a	bout the given equation:			
	$Pb(NO_3)_2$ (ac	$q) + 2KI(aq) \longrightarrow PbI$	$I_2(s) + 2KNO_3(aq)$				
	(A) PbI <sub>2</sub> is yellow precipitate insoluble in water						
	(B) It is preci	(B) It is precipitation reaction					
	(C) It is singl	e displacement react	ion				
	(D) It is very	(D) It is very fast reaction.					
19.	Which of the	Which of the following is an exothermic process					
	(i) Reaction of	of water with CaO	(ii) Dilution o	f acid			
	(iii) Evaporat	ion of water	(iv) Sublimati	ion of camphor			
	(A) (i) & (ii)	(B) (ii) & (iii)	(C) (iii) & (iv)	(D) (i) & (iv)			
20.	Atom is elect	trically neutral becau	ise of				
	(A) The prese	ence of protons	(B) The prese	ence of neutrons			
	(C) The prese	ence of equal number	r of protons and	electrons			
	(D) The prese	ence of equal numbe	r of protons and	neutrons			
21.	. Statement-1: Burning of LPG is a chemical change.						
	Statement-II: LPG burns with pale blue flame and liberates colourless						
	carbondioxide gas which can be converted back to LPG						
	(A) Both statements are true, statement II is correct explanation of I						
	(B) Bothe statements are true, statement II is not correct explanation of I						
	• •	nt-I true, statement-I					
	` ,	nt-I false, statement-					
22.		f the following physic					
	., -	n by humans, plants	s and animals				
	(ii) Blackening of silver wave						
	(iii) Beating of metal into sheets and wires						
	<ul><li>(iv) Crystallisation of salt from their situations</li><li>(v) Curdling of milk</li></ul>						
	. ,						
	(vi) Magentiz	auon oi iron					
	(A) 3	(B) 6	(C) 4	(D) 2			

- Chemical formula for sodium sulphate is Na<sub>2</sub>SO<sub>4</sub>. The formula for trivalent 23. metal sulphate will be
  - (A)  $M_2SO_4$

- (B)  $M(SO_4)_2$  (C)  $M_3(SO_4)_2$  (D)  $M_2(SO_4)_3$
- Superoxide ion is 24.
  - (A)  $O_2^{2-}$
- (B) O<sup>-2</sup>
- (C)  $O_2^-$
- (D)  $O_2$

25.



- (A) A  $\rightarrow$  pure substance B $\rightarrow$ Non metals
- $C \rightarrow Mixtures$

- (B)  $A \rightarrow Mixtures$
- B→ pure substance
- $C \rightarrow Non-metals$
- (C) A  $\rightarrow$  pure substance B  $\rightarrow$  Mixture
- $C \rightarrow Non-Metals$

- (D)  $A \rightarrow Non-metals$
- $B \rightarrow Mixtures$
- $C \rightarrow pure substance$
- 26. The correct statements of the following
  - (i) Gases exert pressure in all directions
  - (ii) The density of liquids relatively more than solids
  - (iii) Solids do not expands on heating
  - (iv) Gases have no free surfaces
  - (v) Liquids gets converted to a solid is known as liquification
  - (A) (i), (iii) & (v)

(B) (i), (ii), (iv) & (v)

(C) (i), (iii) & (iv)

- (D) (i) & (iv)
- 27. Identify which of the following tetra atomic element
  - (A) Boron
- (B) sulphur
- (C) ozone
- (D) phosphorus
- 28. Taj Mahal, Lotus Temple, Golden Temple, Indian Gate and other famous heritage monuments are being affected by air pollution. Which of the following agents is responsible for turning Taj Mahal yellow?
  - (A) Sulphur

(B) Chlorine

(C) Sulphur dioxide

- (D) Nitrogen dioxide
- 29. The number of protons of an atom is

	(A) atomic number	(B) mass number				
20	(C) Both A & B	(D) None of these				
30.	An arrow in a chemical reaction pointing towards					
	(A) Reactants (B) Products	` '	(D) None of these			
31.	Which of the following is not a fibre					
	(A) Nylon (B) Cotton	(C) Wool	(D) Paper			
32.	Identify the wrong statement among the following					
	(A) Food chain show the flow of energy from one level to other					
	(B) Food web is inter connected network of food chains.					
	(C) A group of food chains is food web					
	(D) Food chain always start with a producer.					
33.	Which of these are obtained from forests?					
	(I) Timber	(II) Paints and varnishes				
	(III) Rubber	(IV) Medicine				
	Identify the correct combination					
	(A) All except III	(B) All except II				
	(C) All except I	(D) All I to IV				
34.	Dialysis is used when is dam	aged				
	(A) Kidney (B) Liver	(C) Gallbladder	(D) urinary bladder			
35.	Stomata has following functions in	plants				
	(A) Releases oxygen	(B) Releases carbon dioxide				
	(C) Releases water	(D) All the above				
36.	Dispersal by water is seen in					
	(A) Coconut (B) Mango	(C) Lilly	(D) Both (A) & (C)			
37.	Cross pollination means:					
	(A) Transfer of pollen grains from a	nther to stigma of s	same flower from same			
	plant.					
	(B) Transfer of pollen grains from a	nther to stigma of a	another flower of same			
	plant					
	(C) Transfer of pollen grains from anther to stigma of another flower of another					
	plant of same type					
	(D) Both (B) & (C)					
38.	Identify true statement:					
	(A) Oral cavity is also called food pipe					
	(B) Water and minerals are absorbed in small intestine					
	(C) Digestion ends in small intestine					
	(D) Both (B) & (C).					
39.	Find the correct match					
	(A) Earth worm - Gills	(B) Fishes – skin				
	(C) Snake – Lungs	(D) Insect – Lungs				
40.	Which part of respiratory system is	s considered as voic	ee box?			
	(A) Trachea (B) Pharynx	(C) Larynx	(D) Epiglottis			