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DELHI PUBLIC SCHOOL NAVI MUMBAI REVISION

Class: VII	Date of submission: 09.09.14
Subject: Science	
This Question Paper consists of 24 question	ons.
	PHYSICS
Q1. Choose and write only the correct op	tion.
i) Light passes through complete	ly.
a) Frosted glass	b) Card board
c) Plain glass	d) Butter paper
ii) An MCB can be used in place of	<u> </u>
a) A bulb	b) A fuse
c) An electric iron	d) An Electric bell
iii) A solenoid is -	
a) Similar to electromagnet	b) Weaker than electromagnet
c) Stronger than electromagnet	d) Not an electric appliance
Q2. What do you mean by rectilinear propa	gation of light?
Q3. Draw a neat diagram to show regular re	eflection.
Q4. Name the effect on which an electric be	ell works.
Q5. Can you measure the wind speed? If ye	s, then name the instruments used for it. If not then why?
Q6.Which of the following is strictly prohable a) Use of landline phones b) Parking of cars near trees c) Listen to radio for weather update d) Storing drinking water for emergencies	
Q7. Give reason.i) During thunderstorm avoid going closeii) Centre of cyclone is calm.	to a metallic object.

Q8. Differentiate between concave lens and convex lens alongwith a suitable diagram of both.

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CHEMISTRY

Q9. Choose and write only the correct option.

- i) Rainwater that does not seep into the ground but runs off on the surface is called
 - a) Water table

b) Surface water

c) Frozen water

d) Water cycle

- ii) The formula of rust is -
- a) Fe₂O₃

b) FeO

c) Fe₃O₄

- d) Fe₂O₃.xH₂O
- iii) Which of the following is not caused by increase in population?
- a) Depletion of ground water

b) Excessive consumption of water

b) Conservation of water

- d) Decrease in infiltration
- Q10. Write the number of nucleons present in Sulphur, which has 16 neutrons. Also, state its atomicity.
- Q11. Name the process (any two) that takes place in water cycle. Why is water cycle necessary for life?

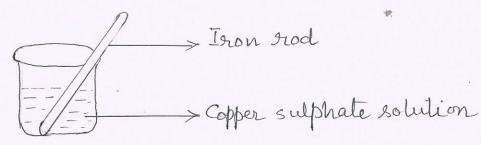
Q12. Write the numbers of atoms of each element present in -

i) Aluminium sulphate

. ii) Magnesium bi-carbonate

Q13. Give reason.

- i) Indian farmers depend upon ground water for irrigating their crops.
- ii) Inspite of being painted, ships get damaged.
- Q14. Describe your observation for the reaction shown in the diagram. Define the type of reaction.



Q15. Translate into a balanced chemical equation.

- i) Sodium metal is formed and chlorine gas is released by the electrolysis of sodium chloride.
- ii) Potassium hydroxide and hydrochloric acid react together to give potassium chloride and water.

Q16. Answer the following.

- i) What is spring water?
- ii) What are the advantages of rainwater harvesting?

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BIOLOGY

Q17. Choose and write only the correct option	•
i) The digestive juice that does not contain any	enzyme is .
a) Bile juice	b) Saliva
c) Gastric juice	d) Pancreatic juice
ii). Which of the following is not a heterotroph?	
a) Cuscuta	b) Nepenthes
b) Algae	d) Mistletoe
iii) The end products of aerobic respiration are:	
a) C ₆ H ₁₂ O ₆ , CO ₂	b) C ₂ H ₅ OH, CO ₂
c) 6 CO ₂ , 6 H ₂ O	d) C ₂ H ₅ OH, 6 H ₂ O
Q18. Name the respiratory organs of the follow	ving organisms.
i) Cockroaches	b) Prawns
Q19. Write any two points of difference between	inhalation and exhalation.
Q20. What is assimilation?	
Q21. How do the following glands help in diges	stion of food?
i) Liver	b) Salivery glands
Q22. Write the function of each of the followin	σ.
i)Chlorophyll	ii) Rumen
223. Select the odd one out and give reason. Stomach, Guard cells, Xylem, Subsidiary cells	3
Q24. Draw a well labelled diagram of: i) Bread mould ii) Human digestive sys	stem iii) Human respiratory system