

CHINMAYA INTERNATIONAL RESIDENTIAL SCHOOL

COIMBATORE

ENTRANCE EXAM: SAMPLE PAPER

(FOR ADMISSION TO ACADEMIC YEAR 2014)

CLASS: VII

SUBJECT: SCIENCE

01. Which of the following materials is used to make gloves for electricians?

- A. Silk B. Wool C. Rubber D. Cotton

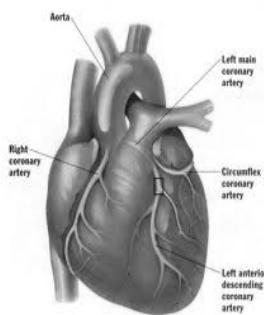
02. Which is commonly used in a thermometer?

- A. Mercury B. Helium C. Sodium D. Nitrogen

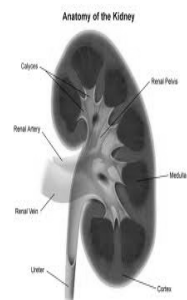
03. Paint applied to an iron surface prevents iron from rusting. Which one of the following provides the best reason?

- A. It prevents nitrogen coming in contact with iron.
B. It reacts chemically with iron.
C. It prevents carbon dioxide from coming in contact with iron.
D. It prevents oxygen and moisture coming in contact with iron.

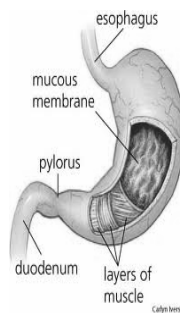
04. Which of the following organ in our body is protected by the ribcage?



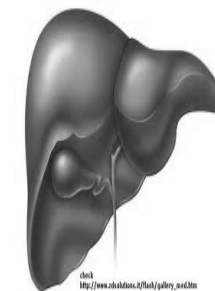
A



B



C



D

05. The energy changes occurring when you use a torch light are

- A. Chemical energy to electrical energy.
- B. Electrical energy to light energy.
- C. Chemical energy to light energy.
- D. Mechanical energy to electrical energy.

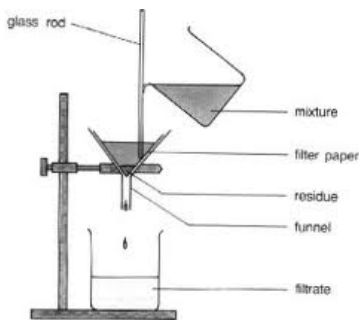
06. When a metal rim is fitted on wood it is first

- A. expanded then contracted
- B. contracted then expanded
- C. melted then cooled.
- D. None of these.

07. Objects which emit light of their own are called

- A. Non-luminous object
- B. Opaque objects
- C. Translucent objects
- D. Luminous objects

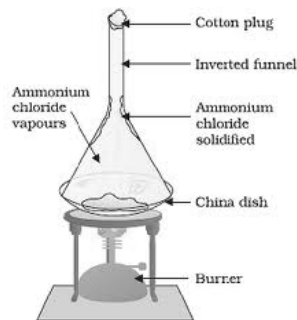
08. A mixture of sodium chloride (common salt) and iodine can be separated by



A



B



C



D

09. The active gas which helps in burning is

- A. Nitrogen
- B. Oxygen
- C. Carbon-di-oxide
- D. Neon

10. A pinhole camera uses the principle of:

- A. Refraction
- B. Scattering
- C. Reflection
- D. Rectilinear propagation