

**KOTHARI INTERNATIONAL SCHOOL, NOIDA**  
**HALF YEARLY EXAMINATION, SESSION: 2025-26**  
**GRADE: 6 SUBJECT: SCIENCE**  
**SET A SECTION A (OBJECTIVE)**

**DAY & DATE: TUESDAY – SEPTEMBER 23, 2025**

**MAXIMUM MARKS: 20**

**TIME ALLOTTED: 30 MINUTES**

**NAME: \_\_\_\_\_**

**ROLL NO: \_\_\_\_\_**

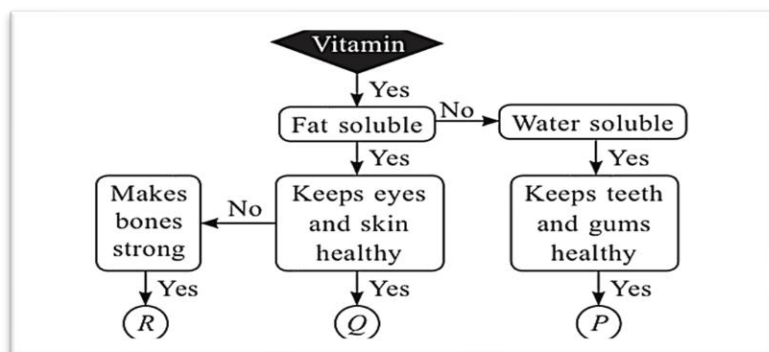
**GENERAL INSTRUCTIONS:**

- i). This question paper consists of 5 pages and contains 20 questions.
- ii). Question Nos.1 to 20 carries 1 mark each.
- iii). Read the question carefully and then attempt it.
- iv). All questions are compulsory.

**SECTION A**

**Choose the correct option:**

**Q1.** Refer to the given flow chart and select the correct option regarding P, Q and R. **(1)**



- a) Q refers to Vitamin –B complex.
- b) Our body can synthesis R and P hence we need not to include them in our diet.
- c) P is obtained from citrus fruits like lemon, orange etc.
- d) Deficiency of P leads to rickets whereas deficiency of R leads to beri-beri.

**Q2.** Sunita classified different materials based on their properties. Which of the following sets are correctly matched? **(1)**

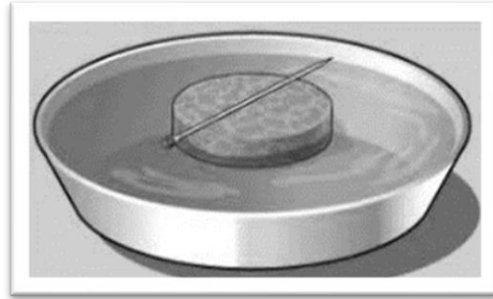
Set	Hard	Opaque	Floats in water	Insoluble in water
I	Sponge	Butter paper	Glass marble	Honey
II	Steel	Wooden board	Ice	Mustard oil
III	Iron nail	Glass	Grass	Sugar candy
IV	Lump of sugar	Thermocol	Hair	Glass powder

- a) II and IV      b) I and II      c) III and IV      d. All of these

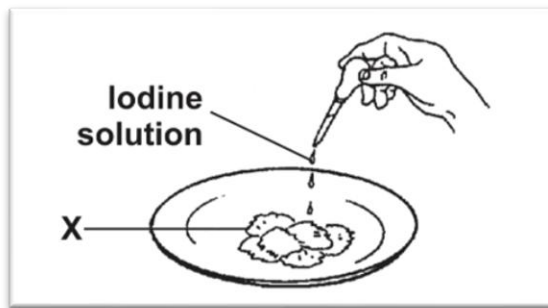
- Q3.** A group of students, on a trekking trip, understand that they must continue travelling east to reach the destination. To understand the direction, they used a magnetic needle inserted in a cork and placed in a bowl of water. After sometime, the needle settled in a certain direction as shown in the figure. **(1)**

**Which direction should the group of students travel to reach their destination?**

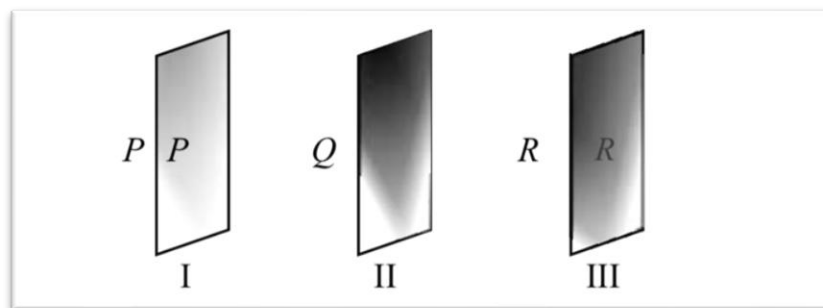
- a) Towards the pointed direction.
- b) Opposite to the pointed direction.
- c) To the left of the pointed direction.
- d) To the right of the pointed direction.



- Q4.** Aditya was testing a food sample X as shown in the given figure. Which of the following statements is correct regarding this? **(1)**



- a) X can be boiled egg if the sample turned blue-black.
  - b) X can be raw meat if the sample did not change colour.
  - c) X can be raw potato slices if the sample turned blue-black.
  - d) Both b and c
- Q5.** Manu placed three different types of materials I, II and III in front of letters P, Q and R as shown in the figure and tried to look from the other side of each. **(1)**

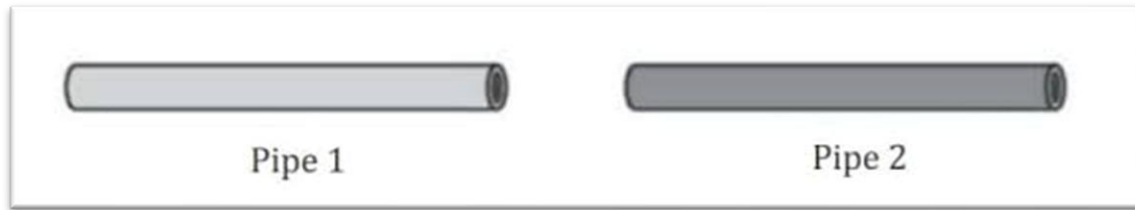


**Which of the following is correct?**

- a) Material II is frosted glass.
- b) Material I is glass window
- c) Material III is wooden floor
- d) All of these



- Q11.** The picture shows two hollow pipes. One pipe is made up of copper and other is made up of plastic. (1)

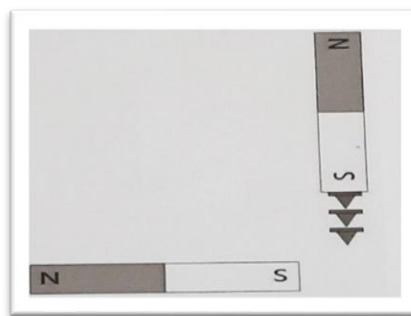


Which of the following will help to identify the pipe made up of copper?

- a) Place the pipes in water and check if they absorb water.
  - b) Rub the pipes with sandpaper and check if they appear shiny.
  - c) Hold the pipes under a glowing bulb and check if they produce shadows.
  - d) Bring the pipes near a magnet and check if they are attracted by the magnet.
- Q12.** **Janaki Ammal** is best known for her contributions to which field of science? (1)
- a) Physics    b) Chemistry    c) Botany    d) Astronomy

- Q13.** Which of the following is the correct match between the characteristics of the stem and the category of a plant? (1)
- a) The weak stem which cannot stand upright: Creeper
  - b) Green tender stem: Shrub
  - c) Thick, hard stem with branching near the base: Tree
  - d) Thick, hard stem with branches high on the plant: Herb

- Q14.** The diagram shows a magnet attracting three steel pins while another magnet is approaching slowly from left. What will happen to the string of attracted pins? (1)



- a) Repels to the right
- b) Attracts to the left
- c) Falls off from the magnet
- d) Remains stationary

