



विद्या सर्वार्थ साधिका

ANANDALAYA
PERIODIC TEST -1
Class: VIII

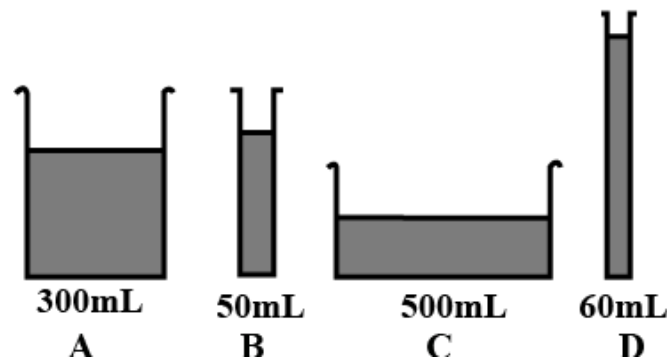
Subject: Science
Date: 15-07-2022

MM: 30
Time: 1Hr 30 min.

General Instructions:

1. There are 15 questions in this question paper. All questions are compulsory.
2. Q. No. 1 to 6 are objective type questions and carry 1 mark each.
3. Q. No. 7 to 11 are short answer questions and carry 2 marks each.
4. Q. No. 12 to 14 are also short answer questions and carry 3 marks each.
5. Q. No. 15 is long answer question and carry 5 marks.

1. Name the term used to express the strength of force. (1)
2. Observe the vessels A, B, C, and D shown in Fig. carefully. Volume of water taken in each vessel is as shown. Arrange them in the order of decreasing pressure at the base of each vessel. (1)



3. What happens to the speed of a moving object when two forces act on the object in (i) same direction and (ii) opposite direction? (1)
4. Select the correct option for the following question: (1)
Non – Stick Teflon coated cookwares are generally recommended to heart patients because
(a) non – stick cookwares do not absorb water
(b) non – stick cookwares do not absorb oil
(c) non – stick cookwares cook faster
(d) non – stick cookwares are biodegradable
5. If you are given a dry piece of land for cultivation, what will you do before sowing the seeds on that land? (1)
6. Beera, a farmer wants to practice crop rotation in his field. Suggest a rabi and a kharif crop to replenish the soil with nitrogen. (1)
7. A 5 kgf object rests on the surface of dimension 10 m x 10 m. Find the pressure exerts on the surface by the object. (1 kgf = 10 N). (2)
8. State different types of contact forces. (2)

9. a) Write down the names of the monomer present in the following polymers: (2)
i) Cotton ii) Polyester
b) Terrycot is made by mixing two types of fibres. Write the names of the fibres.
10. Rana wants to buy shirts for summer. Should he buy cotton shirts or shirts made from synthetic material? Advise Rana, giving your reason. (2)
11. Polythene and Bakelite are polymers but they are different from each other. Justify the statement by stating any two differences between them. (2)
12. Explain that liquid exerts equal pressure at same depth with the help of a diagram. (3)
13. Despite being very useful it is advised to restrict the use of plastic. (3)
a) Why is it so? State any two correct reasons.
b) Can you suggest one method you would like to adopt to limit its consumption?
14. A farmer found weeds such as *Xanthium* and *Parthenium* growing along with paddy in the field. (3)
(a) How do weeds affect the paddy crops?
(b) Name the chemical name of any one weedicide that can be used by the farmer.
15. (a) Why is irrigation important for crop cultivation? Name a traditional method of irrigation practised even today in our country. (5)
(b) Which method of irrigation is suitable for Rajasthan?
(c) "Excessive irrigation is harmful to the crops". Justify the given statement by stating two scientific reasons.