

Roll No. _____ Date _____ Class : VIII Section _____

SUBJECT : SCIENCE (MULTIPLE CHOICE QUESTIONS)

Time : 30 minutes

MM : 15

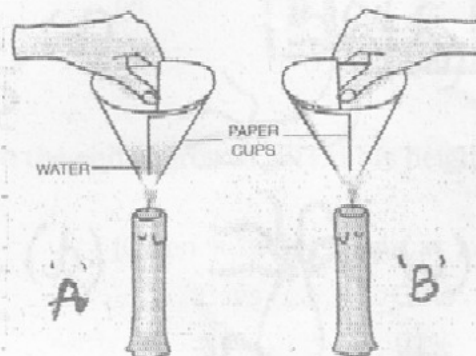
General Instructions :

- (i) Attempt all the questions.
- (ii) There are 15 multiple choice questions in total. Only one of the options in every question is correct. Put a (✓) against the correct option.
- (iii) Each question carries 1 mark.
- (iv) Do not use white fluid on these sheets.
- (v) Use only pen to mark the answers.

- Q1. When two plane mirrors are kept at 90° , we get
- (a) only one image
 - (b) two images
 - (c) three images
 - (d) infinite number of images
- Q2. The planet which is called the morning and evening star is
- (a) Venus
 - (b) Jupiter
 - (c) Uranus
 - (d) Mercury
- Q3. LED stands for
- (a) Light Efficiency Diode
 - (b) Light Emitting Device
 - (c) Light Emitting Diode
 - (d) Light Efficiency Device
- Q4. The splitting of white light into its seven constituent colours is called
- (a) dispersion
 - (b) reflection
 - (c) deviation
 - (d) refraction
- Q5. Suraj is 15 years old. How many times has he gone round the Sun?
- (a) 30 times
 - (b) 5 times
 - (c) 25 times
 - (d) 15 times

Q6. In the given figure heating of water in a paper cup is based on the concept of:

- (a) calorific value
- (b) ignition temperature
- (c) melting temperature
- (d) freezing temperature



(C-1)

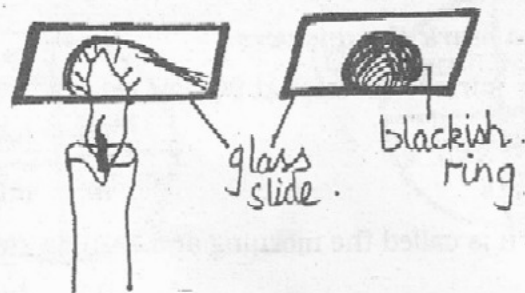
Q7. In figure 'A' given in question 6, the heat supplied to the paper cup is transferred to water by:

- (a) radiation (b) convection
(c) conduction (d) both radiation and convection

Q8. In an experiment 7.5kg of a fuel was completely burnt. The heat produced was measured to be 225,000kJ. The calorific value of this fuel will be:

- (a) 30,000 kJ/kg (b) 40,000 kJ/kg
(c) 45,000 kJ/kg (d) 35,000 kJ/kg

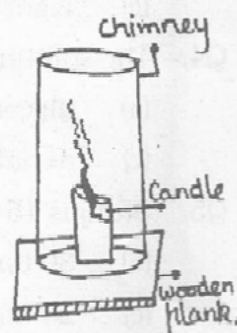
Q9. In the given figure a blackish ring is formed on the glass slide indicating the deposition of:



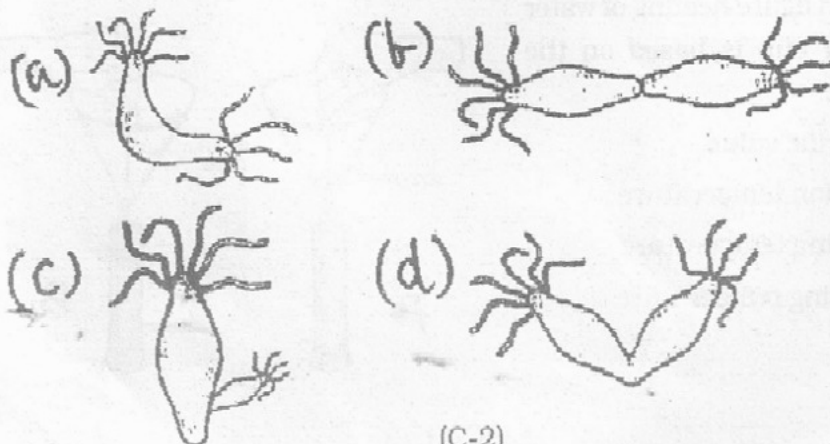
- (a) completely burnt carbon particles present in the luminous zone of the flame
(b) completely burnt carbon particles present in the non-luminous zone of the flame
(c) unburnt carbon particles present in the luminous zone of the flame
(d) unburnt carbon particles present in the non-luminous zone of the flame

Q10. In the given figure the flame flickers and produces smoke because:

- (a) air is not available
(b) lot of air blows off the candle
(c) air enters the chimney from above
(d) air does not enter the chimney from below



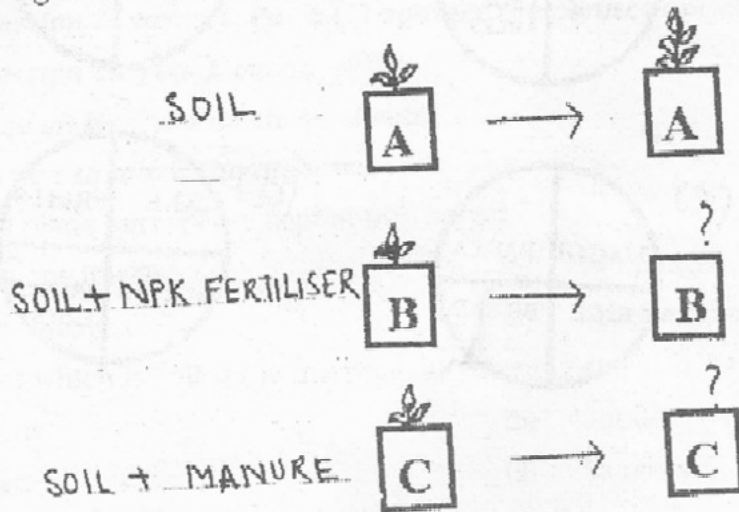
Q11. Which of the given figures represents budding in Hydra?



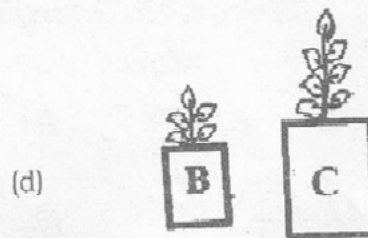
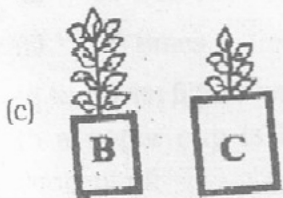
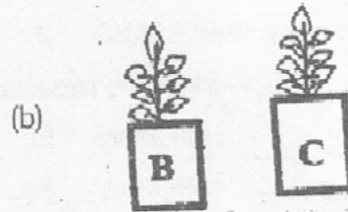
Q12. To select good and healthy seeds for sowing, Kishore put all the seeds in a container half filled with a liquid 'X'. The healthy seeds settled at the bottom and the damaged ones remained floating on top. Liquid 'X' is:

- (a) water (b) vinegar
(c) oil (d) petrol

Q13. Seedlings of gram are planted in pots A, B and C as shown in the figure. The pots are kept in sunlight and watered regularly for ten days:



Choose the figures which completely justify the growth of seedlings in pots B and C.



Q14. A boy is 12 years old and 168cm tall. At the end of growth period his height is likely to be:

- (a) 150cm
(b) 200cm
(c) 215cm
(d) 185cm

(Given % of full height at 12 years)

Boys	Girls
84%	91%

Q15. Thirteen year old Rhea prepared four different menu for her friends during their stay in her house. Which menu do you think is the right meal for her adolescent friends?

