

CBSE Question Paper 2019 Set-1
Class 8 Science

Time : 2.30Hrs.

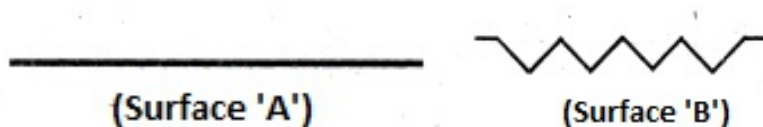
MM: 50

General Instruction :

- i. All the questions are compulsory.
- ii. Please write down the serial number of the question before attempting it.
- iii. The question paper consists of 20 questions and it is divided into four section A, B, C, and D.
- iv. Section A comprises of 5 questions carrying 1 mark each.
- v. Section B comprises of 6 questions carrying 2 marks each.
- vi. Section C comprises of 6 questions carrying 3 marks each.
- vii. Section D comprises of 3 questions carrying 5 marks each.
- viii. There is no overall choice. However, an internal choice has been provided in 1 question of 2 marks and 1 question of 5 marks each.

SECTION 'A'

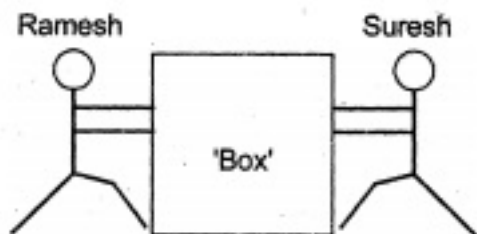
1. Write the names of two sexually reproducing animals.
2. Give names of two methods of reproduction in animals.
3. Which surface will have more friction force in the given surfaces :



4. Can friction produce heat?
5. Name any two devices used in your home that work on electricity.

SECTION 'B'

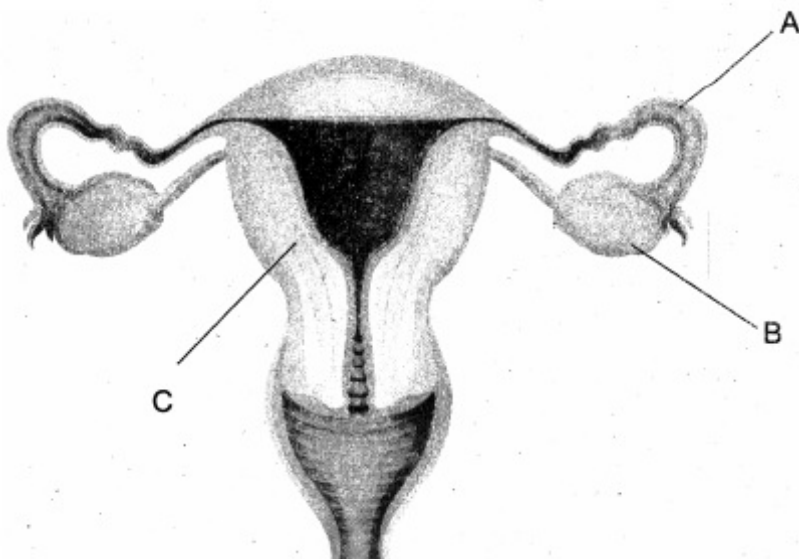
6. What will happen if Suresh and Ramesh push a big box in opposite directions to each other with equal force and why?



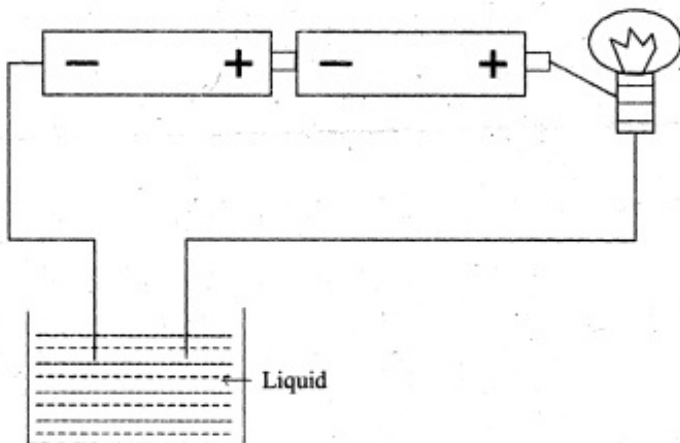
7. How will you reduce the friction on carrom board?
OR
When we pour a few drops of oil on the hinges of a door, the door moves smoothly. Why?
8. Does pure distilled water conduct electricity? IF not, what you can do to make it conduct electricity?
9. Write the use of a conduction tester.
10. Write two main features of image formed by the plane mirror.
11. Write the names of some electroplated objects around you.

SECTION 'C'

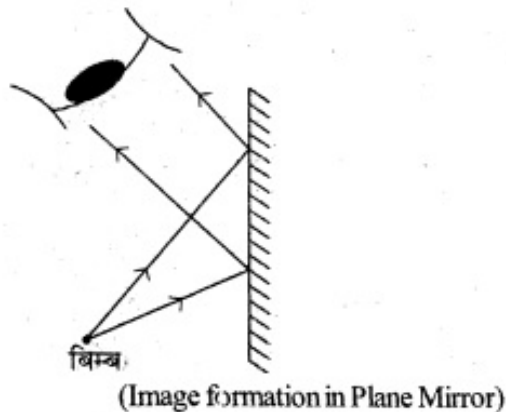
12. Identify and replace A, B and C in the given figure from the correct name given in the box and redraw the figure in your answer-sheet :
Uterus, Ovary, Oviduct, Testis



13. Give three examples of situations in which applies force causes a change in the shape of an object.
14. Suggest three methods to reduce friction.
15. A conduction tester is shown in the figure. But the bulb does not glow in it. Give three possible reasons for it.



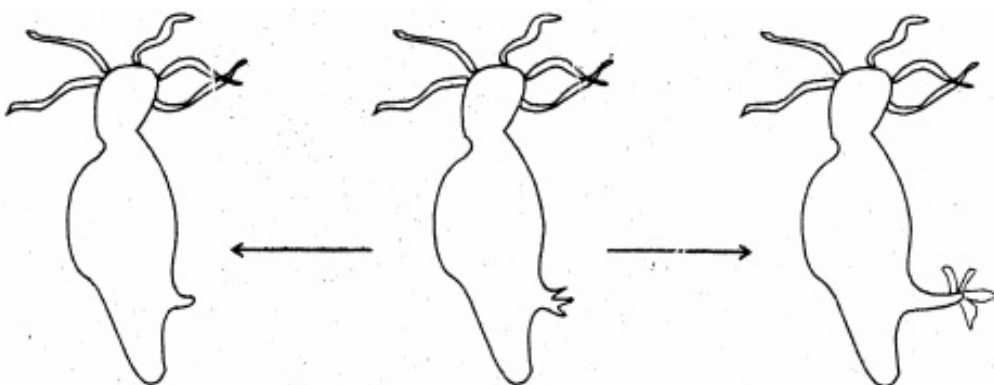
16. i. New tyres are more treaded as compared to old tyres. Why?
 ii. Which vehicle has more chance of skidding, a vehicle having new tyre or a vehicle having old tyre?
17. i. Complete the given figure :



- ii. Differentiate between regular and diffused reflection. (Any one)

SECTION 'D'

18.



- i. Observe the given figure and answer the following questions :
 a. What is the name of the organism shown in figure?

- b. What is the name of the reproduction shown in it?
- c. Is it sexual reproduction or asexual reproduction?
- ii. What is fertilisation? Name two viviparous organisms.

OR

- i. What is external fertilisation?
 - ii. Write the name of different parts of human male reproductive system.
 - iii. How is zygote formed?
19. Fill in the blanks by selecting the correct term from the given options :
- i. A charged body.....an uncharged body towards it.
 - ii. To move a loaded trolley we have toit.
 - iii. A person 2 m in front of a plane mirror seem to be.....away from his image.
 - iv. Image formed in a plane mirror undergoes.....inversion.
 - v. Sunlight consists of..... colours.
- (seven, lateral, inverted, push, 2 m, 4m, attract)
20. Match Column I with Column II :

Column I	Column II
(i) Friction	(a) Atmospheric pressure
(ii) Magnet	(b) Contact force
(iii) Atmosphere	(c) Non-contact force
(iv) Light	(d) Pressure
(v) Retina	(e) Reflection
	(f) Eye