

**Atomic Energy Education Society**  
**Annual Examination-2019-20**

**Class: VII**

**Time: 3 Hours**

**Subject: SCIENCE**

**Marks: 80**

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**General Instructions:**

1. This paper consists of four sections A, B, C and D.
  2. Section A has 10 multiple questions and 10 questions of fill in the blanks of 1 mark each.
  3. Section B has 8 questions and each question carries 2 marks.
  4. Section C has 8 questions and each question carries 3 marks
  5. Section D has 4 questions and each question carries 5 marks.
  6. Draw a neat labelled diagram wherever necessary.
  7. All the questions are compulsory.
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**SECTION -A**

**I. Choose the correct answer from the questions given below: (1 X 10=10)**

1. The basic unit of speed is

- a) km/min                      b) m/min                      c) km/h                      d) m/s

2. On which day the world water day is celebrated.

- a) 23<sup>rd</sup> March                      b) 22<sup>nd</sup> March                      c) 21<sup>st</sup> March                      d) 20<sup>th</sup> March

3. Who discovered magnetic effect of current?

- a) Michael Faraday                      b) H.C. Oersted                      c) Flemming                      d) Ohm

4. A simple pendulum takes 42 seconds to complete 20 oscillations. What is the time period?

- a) 2.1 seconds                      b) 4.2 seconds                      c) 21 seconds                      d) 8.4 seconds

5. Which one of the following is not a part of the pistil?

- a) Filament                      b) Ovary                      c) Style                      d) Stigma

6. When light passes through a compact disc (CD), it consists of how many colours.

- a) Seven                      b) Eight                      c) Five                      d) Three

7. The branchy part of a tree above the stem is called

- a) Crown                      b) Canopy                      c) Sapling                      d) Humus

8. Which of the following is a water borne disease?

- a) Cold & Cough              b) Cholera                      c) Cancer                      d) Heart attack

9. The percentage of carbon dioxide in exhaled air is:

- a) 21%                      b) 0.04%                      c) 16.4%                      d) 4.4%

10. Blood platelets help in:

- a) Clotting of blood                      b) killing of germs  
c) Transport of carbon dioxide              d) transport of oxygen

**II. Fill in the blanks:**

**(1 X 10=10)**

11. \_\_\_\_\_ is the result of fusion of male and female gametes.

12. The device used to amplify the sound of the heart is called \_\_\_\_\_.

13. Bouncing back of light in the same medium is called \_\_\_\_\_ of light.

14. \_\_\_\_\_ is the seepage of water into the ground.

15. The dark coloured substance on the forest floor is called \_\_\_\_\_.

16. In a simple pendulum the metallic ball suspended by thread is called \_\_\_\_\_.

17. Crane has a strong \_\_\_\_\_ attached to separate iron objects from junk.

18. A faster moving object covers more distance in \_\_\_\_\_ time.

19. \_\_\_\_\_ year was observed as the International Year of Freshwater.

20. *Bryophyllum* can reproduce by its \_\_\_\_\_.

**SECTION- B**

**III. Answer the following questions in one or two sentences:**

**(2 X 8 =16)**

21. Write an equation to show aerobic respiration.

22. Draw and label the female reproductive parts of a flower.

