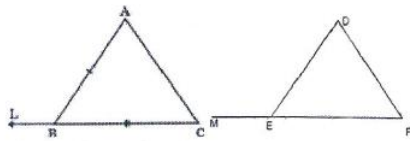


Milk	70	100
------	----	-----

28. Out of a pair of complementary angles, one is two – third of the other. Find the angles. 4
29. A tree is broken at a height of 5m from the ground and its top touches the ground at a distance of 12m from the base of the tree. Find the original height of the tree. 4
30. In the figure given below $\triangle ABC$ and $\triangle DEF$ are such that $AB = DE$, $BC = EF$, Extend CB and FE to L and M such that $\angle ABL = \angle DEM$. Is $\triangle ABC \cong \triangle DEF$? Give reasons. 4



Atomic Energy Education Society
Term-1 Examination (2019-20)

Max Marks:80

Class:-VII, Science

Time:3hr

General Instruction: All questions are compulsory.

QI: - Fill in the blanks.

(1x10=10)

1. Leaves have a green pigment called _____.
2. Amoeba captures its food with the help of _____.
3. The rearing of silkworms for obtaining silk is called _____.
4. _____ is a measure of the degree of hotness of an object.
5. Full form of DNA is _____.
6. _____ protects us from the harmful UV rays which come from the sun.
7. Rainfall is measured by an instrument called _____.
8. The warm air is _____ than the cold air.
9. The rotting dead matter in the soil is called _____.
10. The chemical name of baking soda is _____.

QII:- Choose the correct option for the questions given below:

(1x10=10)

1. In which mode of living does two organisms live together and benefit from each other?
 - a. Symbiosis b. Parasitic c. Saprophytic d. Heterotrophic
2. What is the total number of permanent teeth in an adult human being?
 - a. 28 b. 31 c. 32 d. 20
3. Identify the silk fibre :
 - a. Tassar b. Denim c) Mooga d) Both a and c.
4. Ventilation in rooms occur due to:
 - a) Conduction b) Convection c) Radiation d) All of these
5. Red litmus turns blue in the presence of:

4. Write a short note on cyclone.
5. Write three adaptive features found in a penguin.
6. List at least three precautions that should be taken while using a laboratory thermometer.
7. Tanvee conducted an experiment in the field, related to the rate of percolation. She observed that it took 40 min. for 200 ml of water to percolate through soil sample.
 - (a) Calculate the rate of percolation. (2)
 - (b) Which soil has the highest rate of percolation? (1)
8. What is acid rain? How it is formed? Write down its effects.

Q V:- Answer the following in five to seven sentences.. (4X5=20)

1. Explain the phenomena of land & sea breeze, along with the diagram. (5)
2. (i) Indicate the type of climate of the following areas:- (2)
 - (a) Jammu & Kashmir
 - (b) Rajasthan
 - (c) Kerala
 - (d) North east India
- (ii) Draw the neat & labeled diagram of human digestive system. (3)
3. Briefly explain the soil profile. Draw a diagram to illustrate your answer. (5)
4. Write the steps involved in the process of obtaining silk fibre from a cocoon. (5)
