**AFSS CENTRAL EVALUATION SYSTEM**

Central Assessment Team (CAT), HO Islamabad

**Final Term/ Annual Examination 2016 – 2017**

**SCIENCE - Class III**

**100 marks 3 hours**

**INFORMATION FOR STUDENTS**

Marks are given against each question or part of question.

Write your name, roll number and date in the spaces provided below.

|  |  |
| --- | --- |
| Student Name: | Roll No: |
| Center Name: | Date: |
|  | Day: |
| Invigilator Name: | Sign: |
| Marks Obtained: | Remarks: |
| Examiner Name:  Date: | Sign :  Day: |

***OBJECTIVE-60marks***

**Q 1: Fill in the blanks. /10**

1. Anything that has mass and takes space is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_travels in straight line.
3. Light takes \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_minutes to reach the earth from the sun.
4. Water boils at \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_0C.
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_does not have definite shape.
6. Light can be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_from some surfaces like mirror or metals.
7. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_is used to measure the temperature of air.
8. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_is used to know the direction of wind.
9. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_is used to measure the amount of rain.
10. We should take some \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_measure in extreme weather condition like thunderstorms.

**Q 2. Write True or False. /10**

1. Mass depends on the size of the object . \_\_\_\_\_\_\_\_
2. We apply brakes to speed up the car. \_\_\_\_\_\_\_\_
3. Astronauts are weightless in space. \_\_\_\_\_\_\_
4. Weight and mass are same. \_\_\_\_\_\_\_\_\_
5. Rainbow at night is called Moon bow. \_\_\_\_\_\_\_
6. Weight is measured in liters. \_\_\_\_\_\_\_\_
7. Weight is zero where the force of gravity is zero. \_\_\_\_\_\_\_
8. Spring balance is used to measure weight of an object. \_\_\_\_\_\_\_
9. There is no water on the moon. \_\_\_\_\_\_\_
10. Sundial is the device that tells the time of day by the position of the Sun. \_\_\_\_\_\_\_\_.

**Q 3:Fill in the blanks by choosing the correct option. /10**

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is when water vapour in the air gets cold and changes back into liquid.
2. Condensation b. evaporation c. precipitation

ii) Extreme pressure and heat over time forms \_\_\_\_\_\_\_\_\_\_\_\_\_\_ rocks.

1. Metamorphic b. igneous c. sedimentary

iii) Which of the following is the igneous rock:

a. Marble b. Slate c. Granite

iv) When magma cools and solidifies it forms \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

a. Igneous rock b. Metamorphic rock c. Sedimentary rock D. All of these

v) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_is artificial source of light.

a. Heater b. Sun c. Firefly

vi) The main function of \_\_\_\_\_\_\_\_\_\_\_is to anchor plant.

a. stem b. root c .leaves

vii) The moon \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_its own light.

a. Gives b. does not give

viii) \_\_\_\_\_\_\_\_\_\_\_\_\_ is the force with which earth attracts bodies near its surface.

1. Motion b. gravity c. resistance

ix) \_\_\_\_\_\_\_\_\_\_\_ are called food factories of the plants

a. roots b. leaves c. shoots

x)The ability of a material to stretch in different directions is called

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**

**Q No2:Match the columns. 10**

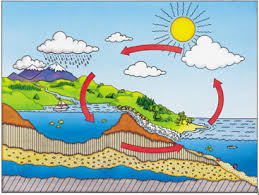
|  |  |
| --- | --- |
| New Moon | LAST QUATER |
| Waxing Crescent | WANIGN CRE |
| First Quarter | WANING |
| Waxing Gibbous | waxing cres |
| Full Moon | waxing gibbous |
| Waning Gibbous | first quarter |
| Last Quarter | new-moon-march-2014 |
| Waning Crescent | waxing cres |

***SUBJECTIVE-60marks***

**Q No1:Attempt any eight of the given questions. Each question carries equal marks. 2x8=16**

1. Write any two uses of hemp fiber?
2. Name some magnetic materials?
3. What is the other common name of Indian pipes?
4. What is the speed of light?
5. How plants help in lowering temperature of the surroundings?
6. Which material gets attracted by magnet?
7. What is transpiration?
8. Define insulator? Give two examples.
9. Why photosynthesis is important for plants?
10. How can mass be measured?
11. What are conductors? Give two examples.
12. What are alloys?
13. Which property of matter makes it withstand more weight?
14. Give two examples of each: natural and artificial sources of light.

**(b): label the water cycle. 4**



**Q.2. Answer any five of the given questions in detail. 6x5= 30**

1. Draw and label water cycle?
2. Why morning and evening temperature is less as compared to the afternoon.
3. Write the uses of the following instruments.
4. Rain gauge , b) thermometer ,c) wind wane , d)sundial ,e)spring balance.
5. What is force of friction? State three ways to reduce friction.
6. What is solar energy? Write any two uses of solar energy.
7. Write any five uses of plants.
8. How are shadows formed?
9. Differentiate between condensation and boiling?
10. Differentiate between elasticity and flexibility?
11. Define matter and its properties ?
12. Briefly define different states of matter.

**Q 3:Name the materials under following columns. 5**

|  |  |  |
| --- | --- | --- |
| **Solids** | **Liquids** | **Gas** |
|  |  |  |
|  |  |  |

**Q No4:Write the meanings of the following words 5**

|  |  |
| --- | --- |
| **Words** | **Meanings** |
| Fibrous root |  |
| Photosynthesis |  |
| Mass |  |
| Gravity |  |
| Chlorophyll |  |