

# VASISHTHA GENESIS SCHOOL, BABEN

(ACADEMIC SESSION: 2025-26)

**Date:** \_\_\_\_\_

## Class: 5

Div: A / B / C

## Subject: Science

**Name:** \_\_\_\_\_

**Roll No:** \_\_\_\_\_

## **REVISION WORKSHEET – 1 – CT-2 (chapter 12 & 15)**

**Q1. Choose the correct option and answer the following questions:**

i. Phases of the moon occur due to:  
(a) clouds (b) dispersion of light  
(c) revolution and rotation of the earth (d) revolution and rotation of the moon

ii. A Tsunami is a result of:  
(a) an earthquake under the ocean (b) a volcanic eruption under the ocean  
(c) either (a) and (b) (d) an earthquake on the mainland

iii. The first woman to travel into space was \_\_\_\_\_  
(a) Valentine Tereshkova (b) Kalpana Chawla  
(c) Sunita Williams (d) none of these

iv. This type of volcano has not erupted for a long time:  
(a) extinct volcano (b) dormant volcano (c) active volcano (d) both (a) and (b)

v. One moon day is equal to:  
(a) 24 hours (b) 30 days (c) 29.5 days (d) 27 days

vi. Tsunami is:  
(a) shaking of the earth (b) excessive rainfall with high wind speed  
(c) huge water waves that rush towards the coast at a very high speed  
(d) bursting out of magma from a crack on the earth's surface

vii. The first Indian artificial satellite launched in 1975 was named \_\_\_\_\_  
(a) Rohini (b) Bhaskara-I (c) Aryabhatta (d) INSAT-1A

viii. Drought can be taken care of by \_\_\_\_\_  
(a) floods (b) cutting trees (c) digging wells (d) rainwater harvesting

ix. Time taken by the moon to complete one revolution is:  
(a) one year (b) 10 months (c) same as its rotation time (d) half of its rotation time

x. How can loss of life caused by a tsunami minimised?  
(a) by controlling the waves (b) by sounding a timely alert  
(c) by keeping a check on the earthquake (d) by collecting lava

xi. A satellite is a body which is continuously revolving around:  
(a) planet (b) moon (c) star (d) sun

xii. Floods are not caused by \_\_\_\_\_  
(a) Cyclones (b) afforestation (c) damaged dams (d) melting of snow

xiii. The day when no moon is visible is called:  
(a) no-moon day (b) old-moon day (c) new-moon day (d) dark-day

xiv. Tsunami waves move like a wall of water as high as \_\_\_\_\_  
(a) 15 (b) 13 (c) 10 (d) 12

xv. The earth and moon cast shadows because they are \_\_\_\_\_ objects.  
(a) transparent (b) translucent (c) opaque (d) none of these

xvi. The point from where the \_\_\_\_\_ originates is called the focus  
(a) floods                    (b) tsunami                    (c) earthquake                    (d) none of these

**Q2. Fill in the blanks:**

- i. There are tall \_\_\_\_\_ and deep \_\_\_\_\_ on the moon's surface.
- ii. The uppermost layer of the earth's surface consists of several large slabs of rocks called as \_\_\_\_\_.
- iii. The first Indian to travel into space was \_\_\_\_\_.
- iv. The intensity of earthquake is measured in \_\_\_\_\_.
- v. India's first mission to \_\_\_\_\_ was launched on 22<sup>nd</sup> October 2008.
- vi. A variation in air pressure over the coastal region causes sudden tropical storm called \_\_\_\_\_.
- vii. There is no \_\_\_\_\_ or water on the Moon, so no \_\_\_\_\_ things can exist there.
- viii. At the time of natural calamities the \_\_\_\_\_ is called in for relief and rescue operations.
- ix. The gravitational pull on the earth is \_\_\_\_\_ times more than that on the Moon.
- x. Due to high temperature of inner layer of earth, the rocks in that layer remain in liquid state called \_\_\_\_\_.
- xi. A lunar eclipse occurs when the shadow of the \_\_\_\_\_ falls on the \_\_\_\_\_.

**Q3. Answer the following questions in one word or two:**

- i. The scale to measure intensity of earthquake. \_\_\_\_\_
- ii. The first man to step on the Moon's surface \_\_\_\_\_
- iii. It revolves around a planet \_\_\_\_\_
- iv. An active volcano. \_\_\_\_\_
- v. First artificial satellite \_\_\_\_\_
- vi. Big hollow holes on the moon's surface are termed as \_\_\_\_\_
- vii. Excess overflow of river water causes \_\_\_\_\_
- viii. First Indian artificial satellite \_\_\_\_\_
- ix. Lack of rainfall causes \_\_\_\_\_
- x. The different shapes and sizes of the Moon visible from the earth are called its \_\_\_\_\_
- xi. First man to go into the space \_\_\_\_\_
- xii. An NGO that takes care of the needs of the children after a natural calamity \_\_\_\_\_
- xiii. First woman of Indian origin to travel to the space \_\_\_\_\_