

# St. XAVIER'S HIGH SCHOOL (SENIOR SECONDARY)

At-Ranapasi, Po-Gengutia, Dist-Dhenkanal

## HOLIDAY HOMEWORK

### CLASS-VII

#### ENGLISH

English Workbook – Worksheet-1

#### MATHEMATICS

1) Maths Activity Book – Product of decimals.

2) Add the following numbers in number lines.

a)  $(-7) + 5$

b)  $5 + (-3)$

c)  $-2 + 5$

d)  $-2 + (-3)$

3) Solve the following using properties.

a)  $[(-12) + 5] + (-8)$

b)  $-20 \times (7 - 11)$

c)  $(-35) \times (-97)$

d)  $54 \times (-72) + (-72) \times (-44)$

e)  $(-97) \times 4 \times 10 \times (-25)$

4) Evaluate the following.

a)  $100 - [50 - (36 - 4 + 6)] + 4 \times 4$

b)  $[14 + 8 - 11 - (45 \div 9 \times 3) - 100]$

#### ODIA

ରଚନା – ବ୍ୟାୟାମର ଉପକାରଣ

ଦରଖାସ୍ତ – ବିଦ୍ୟାଳୟରେ ଅନୁପସ୍ଥିତିର କାରଣ ଦର୍ଶାଇ ପ୍ରଧାନଶିକ୍ଷକଙ୍କ ନିକଟକୁ ଦରଖାସ୍ତ ।

#### SCIENCE

1. What are heterotrophic nutrition? Write about the different types of heterotrophic nutrition with examples and paste two pictures from each type.

2. Define photosynthesis. Write the chemical reaction of photosynthesis.

3. Why green plants are called producers?

4. Why insectivorous plants are called as carnivores?

5. Differentiate between Autotrophic and Heterotrophic nutrition.

#### SOCIAL STUDIES

1. Answer the following questions in one or two sentences.

a) What are the components of the environment?

b) What are the main constituents of biotic and abiotic environment?

c) How is the atmosphere important for the life forms on the Earth?

d) What is the extent of the biosphere?

e) Identify some human activities that cause environmental degradation.

2. Answer the following questions in brief.

- a) How does the abiotic environment affect the biotic environment?
- b) Explain how the biosphere has made the Earth a unique planet.
- c) Explain the hydrological cycle.
- d) What do you understand by ecosystem?
- e) Why do you think human beings must work towards sustainable development?

3. Distinguish between : -

- a) Biotic environment and abiotic environment.
- b) Lithosphere and hydrosphere
- c) Environment and biosphere
- d) Natural and human environment.

### **HINDI**

पत्रलेखन - 1) विद्यालय में पानी की समस्या का समाधाना हेतु प्रधानाचार्य को पत्र लिखिए।

2) मित्र को ग्रीष्मावकाश साथ बिताने के लिए पत्र लिखिए।

अनुच्छेद - मीठी वाणी का महत्व विषय पर (80-100) शब्दों में एक अनुच्छेद लिखिए।