

ST. THOMAS SCHOOL, SAHIBABAD
SOCIAL SCIENCE
WORKSHEET – 1 (2020-21)
CLASS – VII

Q1. Fill in the blanks-

- a. The solid crust or the hard top layer of the earth is_____.
- b. The domain of water is referred to as_____.
- c. A thin layer of air that surrounds the earth is_____.
- d. _____is a trade in which goods are exchanged without the use of money.
- e. The world of non-living is called_____.

Q2. Write True/False.

- a. Aquarium is not a natural ecosystem. True/False
- b. Land is component of human environment. True / False
- c. Road is a human made environment. True / False

Q3. Define the following terms –

- | | |
|----------------|----------------|
| a. Biosphere | c. Lithosphere |
| b. Environment | d. Ecosystem |

Q4. Answer the following questions-

- a. What is atmosphere?
- b. Which are the two major components of biotic environment?
- c. Give four examples of human made environment.
- d. Define the term biosphere.
- e. Differentiate between biotic and abiotic components of the environment.

One of the important attribute of Excel is that it has the ability to perform calculations either using Formula or Function.

Formulas are the user defined instructions to perform calculations, whereas, **Functions** are the predefined or in-built formulas that come with Excel.

Formulas in Excel

Formulas are used to perform calculations involving addition, subtraction, division, and multiplication etc. A formula establishes a relationship between two or more cells. It is an expression that can include cell addresses, numbers, arithmetic operators, and parenthesis. A formula must begin with an equal to (=) sign followed cell reference and operators. It may contain few or all of the below mentioned elements.

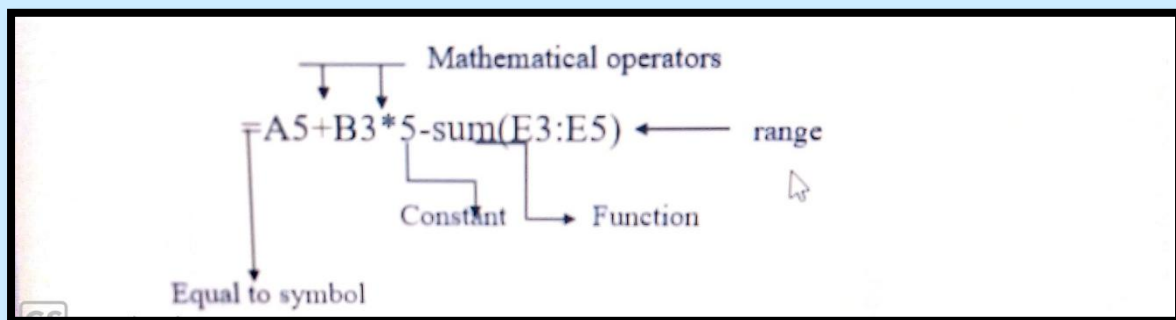
Reference - A cell or range of cells that we want to include in our calculations.

Operators - Symbols (+, -, *, ^, %, \$, #. Etc) that specify the operation to be performed.

Constants - Numbers or text value that do not change.

Functions - Predefined formulas in Excel.

Elements of Formulas



Here A5, B3 and E3: E5 are cell address.

EXERCISE:

Write short note on:

- a) Formula
- b) Function

Note : Do the above exercise in rough notebook / any unfinished old notebook .

Note: All answers are to be done in a separate copy.
Copy down each question and write the answer underneath.

SECTION B (WRITING)

1. You are Neetu/ Naman, Deputy Head Girl/Boy of Little Angels Public School, Bhopal. Your school runs a special class for differently abled children. It needs school bags, notepads, pencil boxes, pencils, erasers etc. for these special students. Write a notice in not more than 50 words appealing to the students to donate these articles generously.
2. You are the Secretary of the Eco Club of your school. The club has launched a 'Say NO to Polybags Campaign'. Write a notice in not more than 50 words appealing to the students to make the campaign a success by avoiding the use of poly bags and also spreading awareness among other children and the society.
3. Your school is organising a five day trekking expedition for the students of class VII. You are Nidhi/Nishant, Secretary of the Adventure club of your school. Draft a notice for the school notice board announcing the expedition and inviting the students to join it.
4. You as Sahid Alam, write a page in your diary expressing your happiness at being selected as the captain of the cricket team of your state. Your happiness knows no bounds as you will play at international level if you perform well and win at the state level.
5. These days we are going through a very difficult time due to a highly contagious and fatal coronavirus disease (COVID-19). Write a diary entry describing the situation and the difficulties you are facing.

(It seems life has stopped – fatal coronavirus originated from China – government is taking steps to overcome – Janta curfew was observed on March22, 2020 – 21 days lockdown from March 24, 2020 to maintain social distancing – other guidelines are issued time to time)

04-04-2020

सैंट थॉमस स्कूल

अभ्यास कार्य - 2

कक्षा – 7

विषय – हिंदी

प्रश्न १- निम्लिखित पद्यांश को पढ़कर प्रश्नों के उत्तर दीजिये ।

पथ पर चलना तुजे तो मुस्कुराकर चल मुसाफिर

याद रख जो आंधियों के सामने भी मुश्कुराते ,

वे समय के पथ पर-चिन्ह अपने छोड़ जाते ।

चिह्न वे जिनके न घो सकते प्रलय-तूफान धन भी ,

मूक रहकर जो सदा भूले हुआ को पथ बताते।

१ – कौन अपने पद चिन्ह छोड़ जाते है ?

२ – यह कविता किसको संबोधित करके लिखी गयी है ?

३- मुसाफिर से कवि किस प्रकार चलने को कहता है?

४- पद्यांश का उचित शीर्षक दीजिये ।

प्रश्न २- निम्लिखित खाली स्थानों की पूर्ति अनिश्चय वाचक सर्वनाम शब्दों से करे ।

१ – दाल में ----- गिर गया है ।

२- बाहर-----खड़ा है ।

३- रसोई में -----पक रहा है ।

४- रमेश के घर -----आया है।

५- मैं -----पकाना चाहती हूँ ।

प्रश्न ३-सर्वनाम किसे कहते हैं ?

प्रश्न ४- निम्नलिखित वाक्यों को प्रश्नवाचक सर्वनाम भर कर पूरा करें ।

१- तुम -----रहते हो ?

२- तुम ----- चाहते हो ?

३- तुम्हारा घर -----है ?

४- रमेश का भाई -----रहता है ?

५- तुम्हारे घर में ----- रहता है ?

प्रश्न ५- अनुशासन का महत्व बताते हुए अपने अनुज को पत्र लिखिए ।

नोट: सभी छात्र अभ्यास कार्य अलग कॉपी पर दिनांक अनुसार करेंगे ।

ST THOMAS SCHOOL SAHIBABAD
SUBJECT – MATHEMATICS
WORKSHEET – 2 (2020–21)
CLASS – VII
TOPIC - INTEGERS

Q.1 Fill in the blanks :

- i) The successor of greatest negative integer is _____.
- ii) The predecessor of 0 is _____.
- iii) Division by 0 is _____
- iv) Multiplicative identity of integers is _____ .
- v) The numerical value of an integer, regardless of its sign, is called _____ of the integer.

Q.2 Verify that $a \times (b + c) = a \times b + a \times c$ for each of the following values of a , b and c.
i) $a = 18$, $b = 7$ and $c = -3$ ii) $a = -21$, $b = -4$ and $c = -6$

Q.3 Write five pairs of integers (a, b) such that $a \div b = -3$. One of the such pair is (6, -2) because $6 \div (-2) = -3$

Q.4 Find the following between -6 and 6.
a) Natural numbers b) Whole numbers c) Integers

Q.5 Raghu has 30 marbles. In 5 games he won 3 marbles each and in 7 games he lost 2 marbles each. Find the marbles Raghu has at the end of the games.

Q.6 Fill in the blanks with $>$, $<$ or $=$.
a) $-360 + 400$ _____ 70 b) $(-11) \times 11$ _____ $(-11) \times (-11)$
c) $7 \times (-9)$ _____ $(-6) \times (-5)$ d) $(-4) \times (-3)$ _____ $(-5) \times 0$

Q.7 Gaurav's bank balance was Rs.2000. In a month he deposited Rs. 300, Rs.750 and Rs. 450 and withdrew Rs. 700 and Rs. 1250. Find the balance in Gaurav's account at end of the month?

Q.8 In a class test containing 20 questions, 4 marks are awarded for every correct answer, 1 mark is deducted for every incorrect answer and 0 is given for questions not attempted.

Answer the following questions:

- a) Rohit gets four correct and six incorrect answers. What is his score?
- b) Arushi gets five correct and five incorrect answers. What is her score?

Q9 Find the quotient:

- a) $0 \div (-10)$ b) $(-224) \div (-16)$
- c) $156 \div (-13)$ d) $(-20) \div 0$

Q10 Evaluate each of the following:

- a) $16 + (126 \div 14) - 13 \times 2$ b) $-(-71) - (-100) + 200$

NOTE: Do the worksheet in separate notebook (it should be covered in purple and labelled neatly) or on A4 sheets.

ST. THOMAS SCHOOL, SAHIBABAD
Science Worksheet-1(2020-21)
CLASS-VII

CHAPTER-1 : NUTRITION IN PLANTS

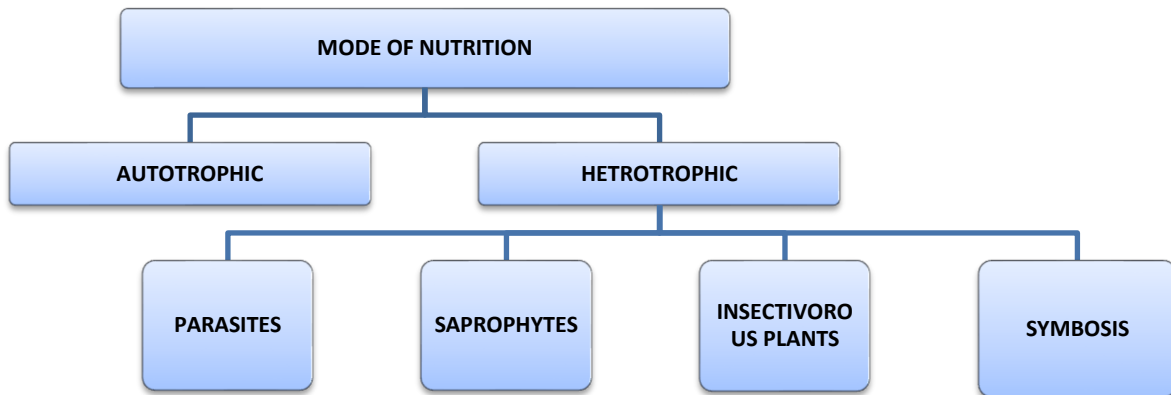
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NUTRITION

The components of food that provide nourishment to the body are called nutrients.

It is mode of taking food by an organism and its utilization by the body.

MODE OF NUTRITION IN PLANTS



Autotrophic:

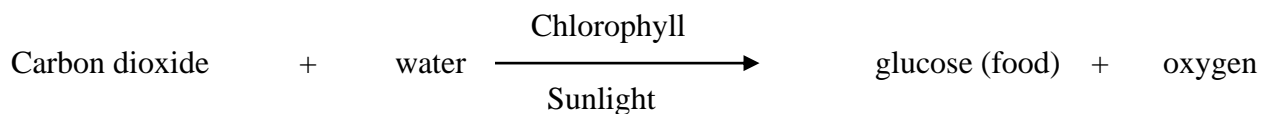
Mode of nutrition in which plants make food for themselves from simple substances.

Plants that make their own food are called autotrophs.

PHOTOSYNTHESIS

Green plants prepare their own food with the help of carbon dioxide and water taken from the environment in presence of sunlight using a green coloured pigment called chlorophyll (found in green leaves). This process is known as photosynthesis. (Photo means light; synthesis means to combine)

The process of photosynthesis can be written as:



Heterotrophic:

Mode of nutrition in which plants depends on food prepared by other plants.

Replenishment of nutrition in soil Nutrients like nitrogen, potassium, phosphorus etc. are replenished by adding fertilizer and manure.

There are four type of heterotrophic mode of nutrition:

1. Parasites

- Organism that live on the body of other organism
- All parasite plants feed on other plants as either **partial parasite** or **total parasite**.
- Partial parasites are those who obtain some of their nutrition from the host.
Example: mistletoe
- Total parasite depends completely on the host for nutrition. Example: Cuscuta

2. Saprophytes

- Organism that obtains nutrition from dead and decaying plants and animals.
Example: mushrooms, moulds, bacteria

3. Insectivorous plants

- Green plant which obtain their nourishment partially from soil or atmosphere and partially from small insects.
Example: pitcher plant, venus fly trap

4. Symbiosis

- Mode of nutrition in which two different individuals associated with each other to fulfill their requirement of food.
- Lichens are found on tree trunk is association between algae and fungi.
- Algae obtain water from fungi and fungi in returns obtain food from algae.

Answer the following questions:

1. What is a nutrient?
2. Write the equation of photosynthesis.
3. Which type of nutrition found in lichens?
4. Draw a flow chart of nutrition.
5. Write the definition of saprophytes.
6. In which type of nutrition present in pitcher plant?
7. Write the meaning of photo and synthesis.