Summer Valley School, Dehradun

Address :18, TegBahadur Road, Dehradun (UK) e-mail: summervalleyschool@gmail.com **Tel :** 0135-2673383, 2678356

Class VI /Assignment 1 5 April 2020

ENGLISH LANGUAGE:

The Sentence -Answer key -Assignment 1

1. Assertive Sentence
2. Interrogative Sentence
3. Exclamatory sentence
4. Imperative Sentence
5. Assertive Sentence
6. Interrogative Sentence
7. Exclamatory Sentence
8. Imperative Sentence
9. Assertive Sentence
10. Exclamatory Sentence

Subject and Predicate –Answer Key – Assignment- 2

Draw one line under the subject and two lines under the predicate in each sentence.

1. My family went to the zoo.
2. The weather was hot.
3. Jimmy won the marathon race.
4. The flowers smell nice.
5. The dog barked at the squirrel.
6. A swarm of bees was buzzing around the hive.
7. The scary movie gave the little boy nightmares.
8. Amy jumped on her bed.
9. We won fifty dollars at the fair.
10. In a corner of the room stood Ravi.

Summer Valley School, Dehradun

Address :18, TegBahadur Road, Dehradun (UK) e-mail: summervalleyschool@gmail.com **Tel :** 0135-2673383, 2678356

Class VI /Assignment 1 5 April 2020

COMPUTER:

Note: Read chapter-1 and do the following questions in rough notebook.

1. Write types of computers with examples.

Ans: Types of Computers:

- Micro Computer- Desktop, Laptop, Palmtop etc.
- Mini Computer- PDF8.
- Mainframe Computer- IBM Z Series, PDF10.
- Super Computer- PARAM, CRAY 1 etc.
- Mobile Computer- Laptops, Mobile phones etc.
- Game Console- Play Station, Xbox, Nintendo etc.
- Embedded Computers- DVD player, Washing machine etc.

2. Differentiate between high-level language and low-level language.

Ans: Low- level language: Computers only understand machine language written in binary form that is 0s and 1s. Programs written in machine language is understood by the computer easily. Writing program in low-level language is very difficult.

High-level language: High-level uses English keywords and symbols like +, -, / etc. These languages are easy to understand and write. Some high-level languages are JAVA, Q-Basic, C++ etc.

3. Differentiate between compiler and interpreter.

Ans: Compiler: It converts whole program at a time and makes the execution of the program fast. It gives all the errors after translating the whole program.

Interpreter: It converts the program code line by line. Thus, giving and rectifying the errors immediately. It is time consuming if the program is too long.

4. Try to do exercises given on the pages 13 & 14 (Q1, Q2 and Q3)

Answers:

Q1. Fill in the blanks:

a. Micro Computer

b. Super Computer

c. Language

d. 2

e. Assembly

Summer Valley School, Dehradun

Address :18, TegBahadur Road, Dehradun (UK) e-mail: summervalleyschool@gmail.com **Tel :** 0135-2673383, 2678356

Class VI /Assignment 1 5 April 2020

COMPUTER:

Q2. True or False:

a. True

b. False

c. False

d. True

e. False

Q3. Give one word for the following:

a. Assembly

b. Translator

c. Super-Computer

d. Micro-Computer

e. High-level language

GEOGRAPHY:

FILL IN THE BLANKS:

1. earth
2. political
3. cross/horizontal
4. globe
5. thematic or population
6. rough

Summer Valley School, Dehradun

Address :18, TegBahadur Road, Dehradun (UK) e-mail: summervalleyschool@gmail.com **Tel :** 0135-2673383, 2678356

Class VI /Assignment 1 5 April 2020

SCIENCE:

Chapter – The leaf

1. The two parts of a plant are Root system and Shoot System.
2. The main characteristics of root are
   (a) It grows downwards into the soil away from the sunlight
   (b) It is brown in colour.
   (c) It arises from the base of stem. It has several branches which have root hairs
3. Difference between Root and Stem:-

Root:-	**Stem**
(a) It grows downwards in the soil	(a) grows upwards from the soil
(B)Brown in colour	(b) Brown and green in colour
(c) Does not have nodes or internodes	(c) Has nodes and internodes
(d)Does not have leaves, buds, flowers and fruits	(d) has leaves, buds, flowers and fruits.

4. (1) Fixation:- Roots hold the plant firmly to the ground.
   (2) Absorption:- They absorb water and minerals fom the soil.
   (3) They bind particles of soil together.
5. Draw diagram which is on (page no 9) chapter leaf and label it.
6. The two types of root system are (A) Tap Root system (B) Fibrous root System
7. Difference

Tap root system	**Fibrous Root System**
(a)It has a main root (primary root)	(a)It does not have a main root
(b)Thin lateral roots are present	(b) Lateral roots are absent
(c) Primary root is thick and long	(c) All roots are thin fibre like and of Which branches into thin equal size secondary roots
(d)Root cap is present	(d) Root cap is absent.

8. Draw figure 1.1 from Page 9 (types of root system)
9. The part of a plant that grows above the ground is called the shoot system.
Function of the stem are.
(a) Support: - It bears branches, buds, leaves, flowers and fruits
(b) Conduction:-It conducts water and minerals from the roots to the other parts of plant. It also conducts the prepared food from the leaves to the other parts of the plant.
(c)Food production:- Some green stems contain chlorophyll. They manufacture food.
(d)Orientation of Leaves:- On the stem. The leave are arranged in a way that they get maximum sun light.
10. The flat, thin and green lateral structure attahed to the node of a stem is called a leaf.
Functions of leaf:-
(a) Green leaves make food by the process of photosynthesis and also produced oxygen for respiration.
(b) Leaves have tiny pores called stomata which help in the exchange of oxygen and carbon dioxide for photosynthesis and respiration.
(c) The leaves lose water as vapour by transpiration.

Summer Valley School, Dehradun

Address :18, TegBahadur Road, Dehradun (UK) e-mail: summervalleyschool@gmail.com **Tel :** 0135-2673383, 2678356

Class VI /Assignment 1 5 April 2020

MATHS:

Solution of maths worksheet
Class - VI

Q2 (a) $13.5\ kg = 13.5 \times 1000\ gm = 13500\ gm$

(b) $45\ mg = \frac{45}{1000}\ gm = 0.045\ gm$

(c) $14.8\ m = 14.8 \times 100\ cm = 1480\ cm$

(d) $728\ paisa = \frac{728}{100} = ₹\ 7.28$

(e) 4 weeks 5 days $= (4 \times 7)$ days + 5 days
$= 33$ days

(f) 19 hrs $= 19 \times 60$ minutes
$= 1140$ minutes

(g) 2 yrs 7 months $= (2 \times 12)$ months + 7 months
$= 31$ months

Q3 Greatest 5-digit no. of three different digits = 99987

Smallest 6-digit no. of four different digits = 100023

Difference = 100023 − 99987
= 36

Q4 (a) Successor of 99989 = 99990

Predecessor of 99989 = 99989

(b) Successor of 305010 = 305011

Predecessor of 305010 = 305009

Q5 Squares of Natural Numbers 1 to 25

$1^2 = 1$	$6^2 = 36$	$11^2 = 121$	$16^2 = 256$	$21^2 = 441$
$2^2 = 4$	$7^2 = 49$	$12^2 = 144$	$17^2 = 289$	$22^2 = 484$
$3^2 = 9$	$8^2 = 64$	$13^2 = 169$	$18^2 = 324$	$23^2 = 529$
$4^2 = 16$	$9^2 = 81$	$14^2 = 196$	$19^2 = 361$	$24^2 = 576$
$5^2 = 25$	$10^2 = 100$	$15^2 = 225$	$20^2 = 400$	$25^2 = 625$