



ST. XAVIER'S SCHOOL

Dharahara, Ballia (U.P.) - 277301

SUMMER HOLIDAYS HOMEWORK

SESSION-2025-26
VII



Name: _____

Class: _____ Sec: _____

Roll no: _____

Teacher's Remark: _____

Grade/ Marks

Teacher's Signature

Note: This assignment is also available on the schools website. (www.xaversschool.in)

Use A4 size papers for certain questions and attach those while submitting the homework.

English

I. Unseen Passage

Read the following passages and answer the questions that follows:

Passage-1

Education is an essential part of our life. It not only helps us acquire knowledge and skills but also helps in building our character and values. Education plays an important role in our personal and professional development and is an investment in our future.

Education is an essential part of our life. It not only helps us acquire knowledge and skills but also helps in building our character and values. Education plays an important role in our personal and professional development and is an investment in our future.

Education has many benefits. It helps us understand the world around us and think critically and creatively. It also gives us the skills we need to succeed in the workforce and contribute to our communities Education can open up new opportunities and give us a sense of accomplishment and self-satisfaction.

Additionally, education helps promote equality and social mobility. It gives individuals the tools and knowledge they need to rise out of poverty and achieve their full potential. Education is also a key factor in reducing discrimination and promoting understanding and tolerance between different cultures and groups.

In short, education is an important part of our lives and has the power to transform individuals and communities.

Questions and Answers

1.What is the importance of education in our lives?

Ans: _____

2.Write some benefits of education.

Ans: _____

3.How does education promote equality and social mobility?

Ans: _____

4.How can education change individuals and communities?

Ans: _____

Passage-2

Once there was an old man. His eyes were useless to see and his ears were useless to hear and his knees trembled. Often spilt food on the tablecloth and sometimes threw down his clothes which annoyed his son and daughter-in-law. They gave him his food in an earthen dish. It made him very sad. His eyes watered. One day the dish fell on the ground and broke into pieces. The young daughter-in-law scolded him.

But he didn't answer and just signed. Then they bought him a wooden plate with a few paise. He must eat from it now. One day his little grandson was fitting some pieces of wood together. The old man asked, "What are you doing?" "I'm making it to feed mom and dad when I grow up". His parents were ashamed of their behaviour after hearing this. Then they treated the old man well.

Questions and Answers

1. Who was the main character in the story?

Ans: _____

2. How did the son and daughter-in-law treat the old man?

Ans: _____

3. What happened when the earthen dish broke?

Ans: _____

4. What did the old man's grandson do?

Ans: _____

5. How did the son and daughter-in-law change their behaviour towards the old man?

Ans: _____

Q. Change the sentences according to the given instructions.

1. Have I ever gone anywhere without you? (Change to assertive)

_____.

2. It is a lively crowd. (Change to exclamatory)

_____.

3. Oh, what a terrible loss! (Change to assertive)

_____.

4. Who does not want to be happy? (Change to assertive)

_____.

5. Get lost! (Change to assertive)

_____.

Q. Identify the highlighted pronouns and write its types:

- a. **I** always accomplish my tasks in time.

- b. They **themselves** have dug up a well for the villagers.

- c. **Which** planet is called the blue planet?

- d. This is the boy **whose** work I was appreciating.

- e. He has made **himself** a jack of all trades.

Activity 3: Vocabulary Enrichment

Instructions:-

1. This activity is to be done thrice a week.
2. Write any new word that you have learnt in your day-to-day activity /through dictionary/your reading or storybooks.
3. You can complete this activity on printout of this page or A-4 size sheet.

~ WORD OF THE WEEK ~

WORD:

PART OF SPEECH: (circle one)

noun

verb

adjective

DEFINITION:

SYNONYM:

ANTONYM:

SENTENCE:

ILLUSTRATION: →

RATE YOUR
UNDERSTANDING: (circle one)



Mathematics

1. Evaluate the following :

a. $(-7) \times (-9) \times (-11)$

b. $(-5) \times 7 \times (-6) \times (-8)$

2. Find the sum of first five positive consecutive integers divisible by 3?

3. A plane is flying at a height of 4000m above the sea level. At a particular point, it is exactly above a submarine floating 1000m below the sea level. What is the vertical distance between them?

4. A monkey is trying to climb a pole measuring 15 m , which is greased. He tries to climb 3 m and slips down 2 m every time. In how many attempts will the monkey be able to climb 10 m of the pole?
5. In a quiz , team A scored 20 , -10 , 34 and team B scored -10 , 20 , 34 in three successive rounds. Which team scored more?

6. How many $\frac{1}{16}$ kg boxes of chocolates can be made with $1\frac{1}{2}$ kg chocolate?

7. Arrange $\frac{3}{7}$, $\frac{9}{35}$, $\frac{11}{14}$, $\frac{13}{28}$ in ascending order.

8. In a class of 48 students, the number of boys is $\frac{2}{3}$ of the total strength. How many girls are there in the class?

9. Aditya devotes 6 hours to his studies every day. He devotes $1\frac{4}{5}$ hours to mathematics, $1\frac{1}{4}$ hours to English and the remaining time to study other subjects. How much time does he spend on other subjects? What is the importance of time management for students?

10. A car covers a distance of 45.6 km in 2.4 hours. How much distance will it cover in 1 hour?

PROJECTS:

1. Students who have **EVEN Roll Numbers**

(a) Make chart on Properties of Integers.

(b) Multiplication of a fraction to a whole number (Hint: - NCERT Book)

2. Students who have **ODD Roll Numbers**

(a) Make chart on Types of Fractions.

(b) Multiplication of Decimal Numbers with grid paper (Hint: - NCERT Book)

Social Science

Assignment

A. Geography

1. Using dry colours draw neat and clean diagrams of the following on drawing sheets:
 - a. Layer of the earth
 - b. Intrusive Igneous rocks

B. Civics

2. Use waste material to make symbol of National Political parties of India.
3. Prepare a chart and write down the “Fundamental Rights” as enshrined in the Constitution of India.

Science

CASE BASED QUESTIONS

1

Green plants make their food in the presence of sunlight by a process called photosynthesis. This is the start of Food chains of living things. Animals are unable to make their own food. So they eat plants or other animals for their need and all energy in food comes from sunlight. During photosynthesis, chlorophyll, the green pigment in plants, traps the energy from sunlight and uses it to join carbon dioxide and water to make glucose and oxygen. Carbon dioxide enters the plant from the air through small holes in the leaf called the stomata. The life supporting gas that all living organisms need to survive (oxygen) is a by-product of the same process.

1. Plants release _____ and absorb _____ gas during the process of photosynthesis.
2. How does carbon dioxide enters the plants?

Ans : _____

3. Which of the following known as life supporting gas ?
(a) Carbon dioxide (b) Nitrogen (c) Oxygen (d) Hydrogen
4. List the things used by the Plants to prepare their food .

Ans : _____

5. which pigment is responsible for the green colour in plants ?

Ans : _____

2



Some plants derive some or most of their nutrients from trapping and consuming animals typically insects However, carnivorous plants generate energy from photosynthesis and were adapted to grow in places where the soil is thin or poor in nutrients, especially nitrogen. They use different trapping

mechanisms like Pitfall traps (pitcher plants: trap prey in a rolled leaf that contains a pool of digestive enzymes) , Flypaper traps (use a sticky mucilage) , Snap traps (utilise rapid leaf movements), Bladder traps (suck in prey with a bladder that generates an internal vacuum).



1. Carnivorous plants are also known as

- (a) Autotroph (b) Heterotroph (c) Partially Heterotroph (d) None of these

2. Carnivorous plants are found in soil having deficiency of

- (a) Carbon dioxide (b) Nitrogen (c) Oxygen (d) Hydrogen

3. Nepenthes is the scientific name of

- (a) Pitcher plant (b) Sundew plant (c) Venus flytrap plant (d) None of these

4. Justify the name of Pitcher Insectivorous plant.

5. Pitfall trap in pitcher plant and bladderwort is related to the

- (a) Root & leaf (b) leaf & vacuum (c) stem & leaf (d) flower & stem

3. Write the formula of the following compounds.

- (A) Water _____
 (B) Salt _____
 (C) Sugar _____
 (D) Carbon dioxide _____
 (E) Carbon monoxide _____
 (F) Vinegar _____
 (G) Washing soda _____
 (H) Baking soda _____
 (I) Hydrochloric acid _____
 (J) Magnesium chloride _____

4. Write the symbols of some common elements and groups

- (i) Hydrogen _____
 (ii) Oxygen _____
 (iii) Aluminium _____
 (iv) Carbon _____

- (v) Nitrogen _____
- (vi) Sulphur _____
- (vii) Iron _____
- (viii) Phosphate _____
- (ix) Chlorine _____
- (x) Iodine _____

5. Spot as many organisms as possible in the puzzle given by encircling them. Write a names on a sheet of paper and categorize them into autotrophs and heterotrophs. Classify the heterotrophs into herbivores, carnivores omnivores & saprotrophs.

B	R	O	S	E	A	T	C	R	O	W
A	A	G	N	B	H	I	N	D	I	B
N	B	N	G	I	N	G	E	R	C	L
Y	B	A	N	H	B	E	C	O	W	F
A	I	M	U	S	H	R	O	O	M	F
N	T	G	B	E	R	M	W	F	I	O
E	L	E	P	H	A	N	T	S	C	X
T	S	A	E	Y	N	P	H	B	E	E
C	A	R	R	O	T	U	L	S	I	X

6. Brain twister-

i. Based on nutrition in plants

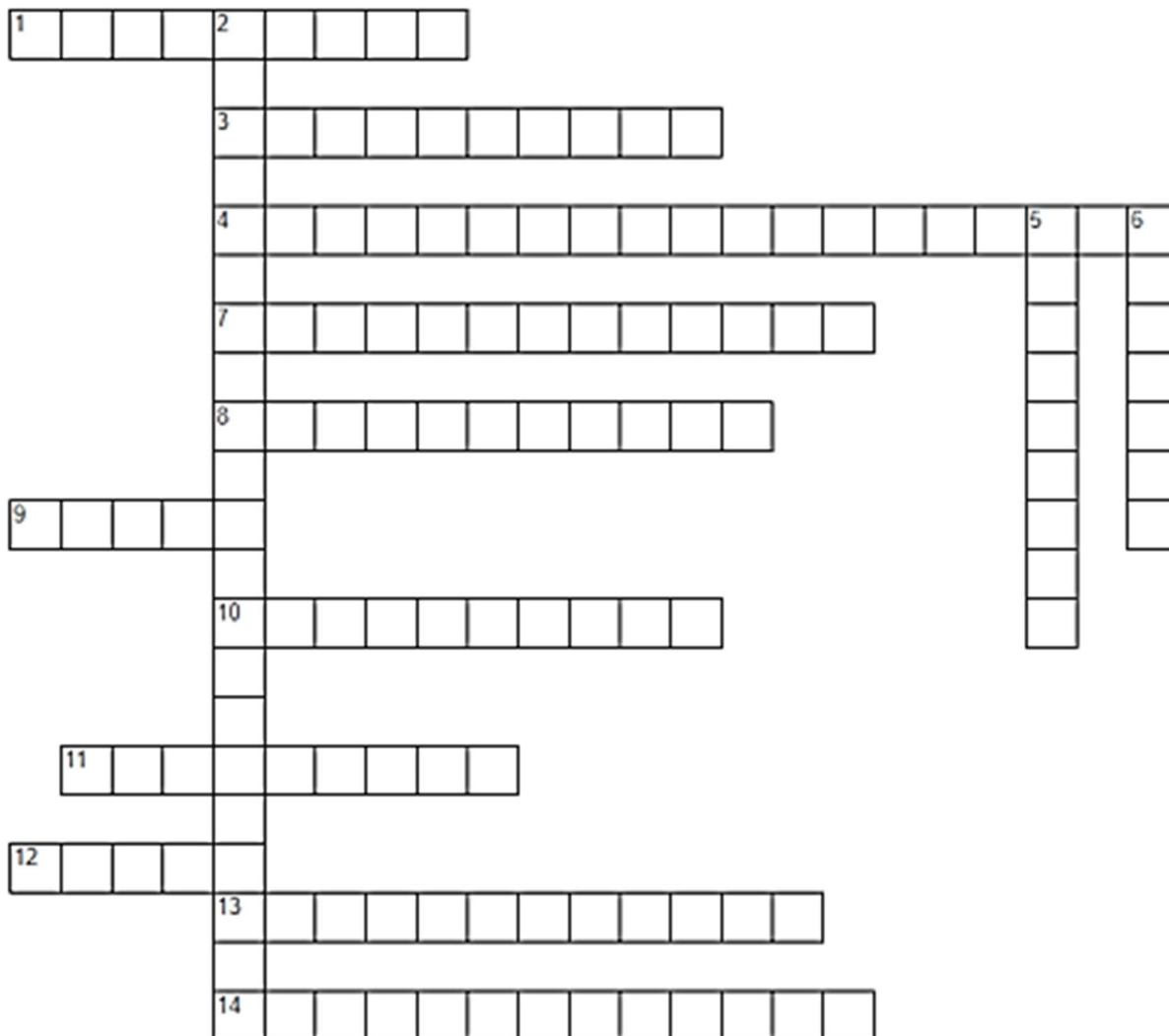
Across

- 1 organism feed on their host
- 3 an instrument for to see small objects
- 4 carnivorous plants that feed on insects
- 7 evaporation of the water
- 8 green pigment present in plants
- 9 a unicellular or multicellular organism relater to thallaphyta group
- 10 make their food itself in the presence of sunlight
- 11 A fluid present in the cell

- 12 an instrument for to see very small objects
 13 depend on other organism for their food
 14 process of converting chemical energy from light energy of organism

Down

- 2 close relationship of organism with other
 5 organic compounds
 6 tiny pores present in the leaves



ii. Based on acids, bases and salt

Across

- 2 The particle involved in bases and acids
 5 A chemical acid that doesn't fully ionize.
 7 Characteristic of a base; taste
 8 Cooking ingredient that is an acid.
 10 One product mixes with water creates a ?
 11 Purified or purposed substance.

- 13 To be sperate
- 14 A characteristic of bases.
- 17 Substances measured this way are bases.
- 20 0 on the pH scale.
- 21 Acid that gives vinegar its characteristic taste.
- 23 Used to measure pH number.
- 26 The way acids taste.
- 28 A chemical base that doesn't fully ionize.
- 30 A substance that flows.

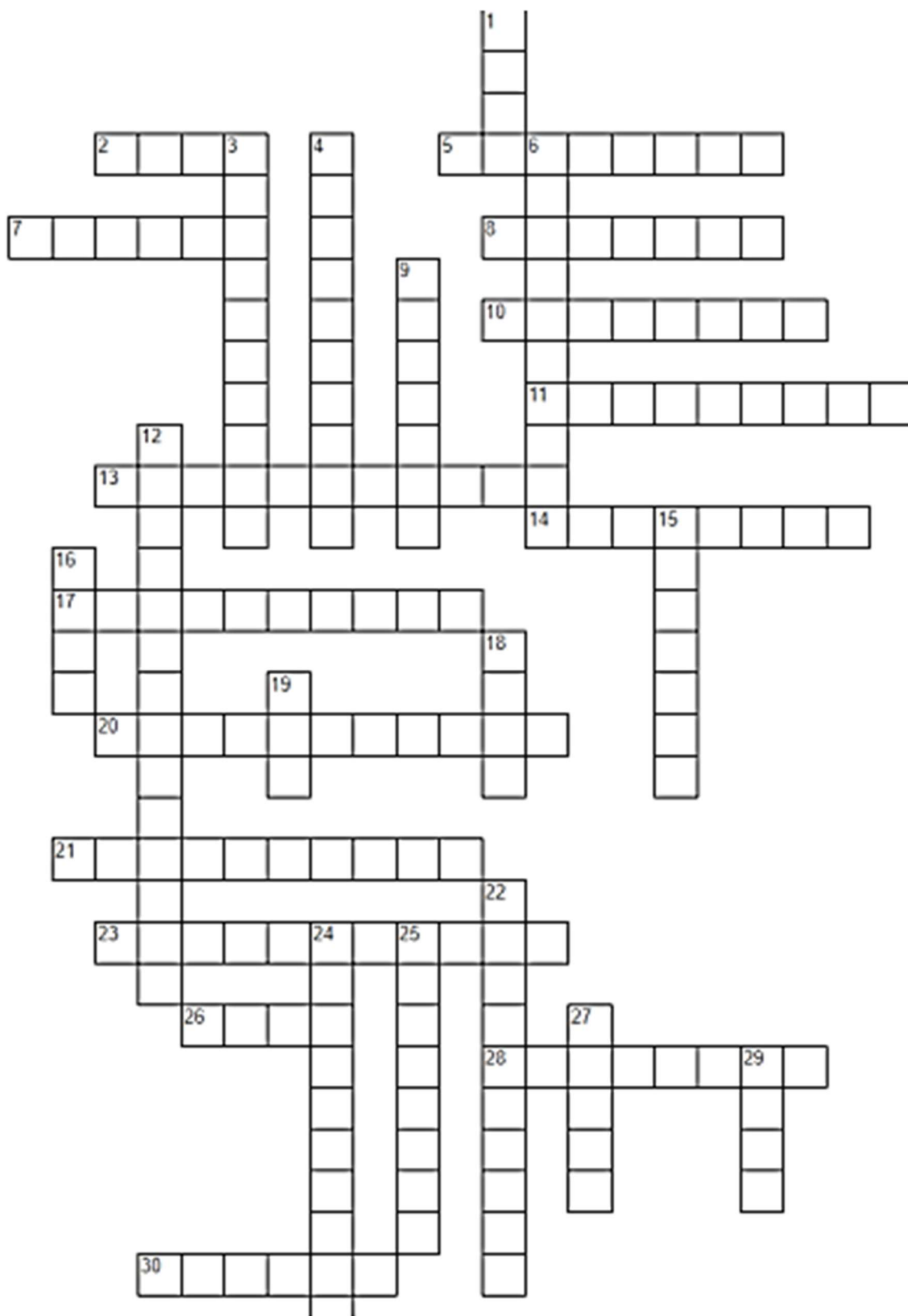
Down

- 1 Color litmus paper turns when indicating a base.
- 3 A base that is completely disassociated with a watery substance.
- 4 Is a 1 on pH scale, pinkish color.
- 6 Small compounds
- 9 Substance that has a pH of seven.
- 12 A milk with pH number.
- 15 Scale to fourteen that measures acidity.
- 16 Substance above a pH number of seven.
- 18 Substance below a pH number of seven.
- 19 Color litmus paper turns when indicating a acid.
- 22 Substances measured this way are acids.
- 24 An acid that is completely disassociated with a watery substance.
- 25 They acceptor things.
- 27 H₂O
- 29 A neutral substance.

Across

- 2 The particle involved in bases and acids
- 5 A chemical acid that doesn't fully ionize.
- 7 Characteristic of a base; taste
- 8 Cooking ingredient that is an acid.
- 10 One product mixes with water creates a ?
- 11 Purified or purposed substance.
- 13 To be sperate
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- 17 Substances measured this way are bases.
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Hindi

1. निम्नलिखित गद्यांश को पढ़कर उचित प्रश्नों के उत्तर दीजिए;

ताशी और मुंशी को आज कौन नहीं जानता? इन्होंने एक दो नहीं वरन् सातों महाद्वीपों की सर्वाधिक ऊंची चोटियों पर तिरंगा फहरा कर अपना ही नहीं पूरे देश का नाम रोशन किया है। यह दोनों जुड़वा बहने हैं। इनका जन्म 21 जून 19 91 में मेरठ में हुआ था इनके पिता सेवानिवृत्त कर्नल वीरेंद्र सिंह मलिक हरियाणा के सोनीपत जिले में गोहाना के निकट आंवली गांव के मूल निवासी हैं, जो अब देहरादून में रहते हैं।

क. ताशी की बहन का क्या नाम है?

(i) मुंशी

(iii) रचना

(ii) नुंशी

(iv) अवनी

ख. दोनों बहनों का जन्म कब हुआ?

(i) 21 जून 1991

(iii) 21 जून 1990

(ii) 21 जून 1995

(iv) 20 जून 1991

ग. इनके पिता का क्या नाम था ?

(i) वीरेंद्र सिंह

(iii) राजपाल सिंह

(ii) राजेंद्र सिंह

(iv) नरेंद्र सिंह

घ. इनके पिता मूल रूप से कहां के निवासी थे?

(i) राजस्थान

(iii) हरियाणा

(ii) पंजाब

(iv) देहरादून

ड. दोनों बहनों ने कितने महाद्वीप ऊपर तिरंगा फहराया?

(i) ऑस्ट्रेलिया

(iii) अफ्रीका

(ii) एशिया

(iv) सातों महाद्वीपों पर

2. निम्नलिखित गद्यांश को पढ़कर उचित प्रश्नों के उत्तर दीजिए:

महात्मा गांधी अपना काम अपने हाथ से करने पर बल देते थे। वे प्रत्येक आश्रम वाशी से आशा करते थे की वह अपने शरीर से संबंधित प्रत्येक कार्य सफाई तक स्वयं करेगा। उनका कहना था की जो श्रम नहीं करता है, वह पाप करता है और पाप का अन्न खाता है। ऋषि-मुनियों ने कहा है बिना श्रम किए जो भोजन करता है, वह वस्तुतः चोर है। उनका समस्त अर्थशास्त्र यही बताता था की प्रत्येक उपभोक्ता को उत्पादन करना होना चाहिए। उनकी नीतियों की उपेक्षा करने के परिणाम हम आज भी भोग रहे हैं। न गरीबी कम होने में आती है, न बेरोजगारी पर नियंत्रण हो पा रहा है और न अपराधों की वृद्धि को रोकना हमारे वश की बात हो रही है। दक्षिण कोरिया वासियों ने श्रमदान करके ऐसे श्रेष्ठ भवनों का निर्माण किया है, जिनसे किसी को भी ईर्ष्या हो सकती है।

क. उचित शीर्षक दीजिए!

(i) श्रमेव जयते

(ii) गांधीजी

ख. समस्त का पर्यायवाची-

(i) विग्रह

(ii) अस्त

ग. महात्मा गांधी चोर किसे कहते थे?

(i) चोरी करने वाले को

(ii) अन्याय करने वाले को

घ. गांधीजी के अनुसार पापी कौन है?

(i) हिंसक

(ii) झूठा

ङ. आश्रम में सफाई का काम कौन करता था?

(i) गांधीजी

(ii) कर्मचारी

3. एक तिनका कविता के कवि कौन हैं?

(i) अयोध्या सिंह उपाध्याय

(ii) जयशंकर प्रसाद

4. धरती का इठलाना के कवि कौन है?

(i) हरि ओम जी

(ii) विश्वास जी

5. जमीन पर नाक रगड़ना, का क्या मतलब है?

(i) गिड़गिड़ा कर क्षमा करना

(ii) शारीरिक व्यायाम करना

6. भाषा किस प्रकार का साधन है?

(i) विचारों के आदान-प्रदान का

(ii) व्याकरण का

7. भाषा के नियमों का शास्त्र क्या कहलाता है?

(i) भाषा

(ii) वेद

8. भाषा के कितने भेद होते हैं?

(i) एक

(iii) अहिंसा परम धर्म

(iv) गांधी जी के श्रम संबंधी विचार

(iii) संपूर्ण

(iv) एकल

(iii) शोषक को

(iv) बिना श्रम भोजन करने वाले को

(iii) श्रम ने करने वाला

(iv) अत्याचारी

(iii) सभी बारी बारी से

(iv) सभी लोग स्वयं करते थे।

(iii) सूर्यकांत त्रिपाठी

(iv) महादेवी वर्मा

(iii) सुमित्रानंदन पंत जी

(iv) मधु कांकरिया

(iii) जमीन साफ करना

(iv) गुस्से से उठना

(iii) बोलने का

(iv) लिखने का

(iii) ज्योतिष

(iv) व्याकरण

(ii) दो

(iii) 5

(iv) 4

9. मुख से बोले जाने वाली भाषा कहलाती है।

(i) मौखिक

(iii) सांकेतिक

(ii) लिखित

(iv) दार्शनिक

10. हिंदी की लिपि कौन सी है?

(i) गुरुमुखी

(iii) देवनागरी

(ii) रोमन

(iv) हिंदी

11. संविधान में कितनी भाषाओं को मान्यता प्राप्त है?

(i) 20

(iii) 22

(ii) 8

(iv) 21

12. हिंदी किस प्रांत की राजभाषा है?

(i) भारत

(iii) गुजरात

(ii) हरियाणा

(iv) बंगाल

13. भाषा का मूल रूप कौन सा है?

(i) लिखित

(iii) मौखिक

(ii) सांकेतिक

(iv) पठित

14. वर्ण किसे कहते हैं?

(i) जिस के टुकड़े नहीं हो

(iii) शब्द

(ii) संधि

(iv) अक्षर

15. आंख के पर्यायवाची है।

(i) नेत्र

(iii) दोनों

(ii) नयन

(iv) देखना

16. छाया का विलोम शब्द है।

(i) गर्मी

(iii) सर्दी

(ii) धूप

(iv) परछाई

17. रचना के आधार पर शब्द के भेद कौन से हैं?

(i) रुढ़ शब्द

(iii) योगरूढ़ शब्द

(ii) योगिक शब्द

(iv) सभी

Sanskrit

1. किन्ही दो श्लोकों का हिंदी में अनुवाद कीजिए।
2. संस्कृत में 10 सुलेख लिखिए।
3. एक से 100 तक गिनती संस्कृत में लिखें।
4. कोई भी एक कहानी या कविता संस्कृत में लिखें।
5. चर् धातु लिखकर याद करें।
6. विद्यालय और घर की वस्तुओं के नाम संस्कृत में खोज कर लिखें।
7. एतत् का शब्द रूप तीनों लिंगों में अपनी उत्तर पुस्तिका में लिखें।
8. कोई भी गीता के दो श्लोक लिखें।

Computer

Q. Differentiate the terms HARDWARE and SOFTWARE. Write their differences on the space provided on the indicated characteristics.

CHARACTERISTICS	HARDWARE	SOFTWARE
Definition		
Examples		
Function		
Inter Dependency		

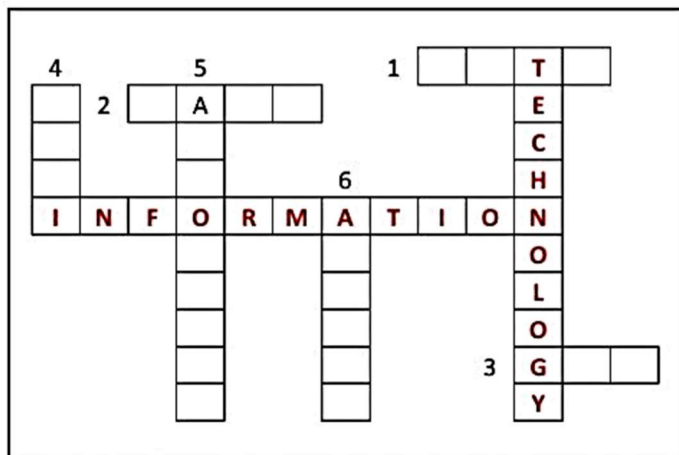
1. **Vocabulary- Crossword**

ACROSS ➡

1. facts, numbers that are collected to be processed.
2. you can ... information in a hard disk.
3. acronym for global positioning system.

DOWN ⬇

4. abbreviation for wireless fidelity
5. rules or steps followed to solve a problem.
6. connect to the Internet



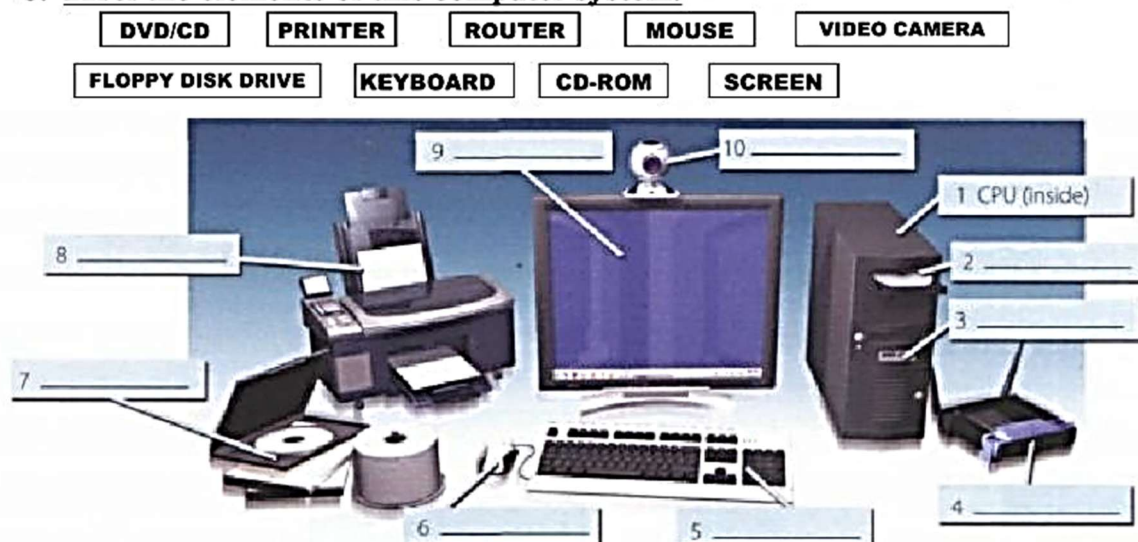
2. **Read**

Use of computer on regular basis in our life is very important. Technically in daily life computer is used to convert *raw facts and data* into meaningful *information* and knowledge. Computer science is explored and challenged by humans daily. The computer is like an electronic magical device for our life. If the *uses* of the computer are for good purposes then it is a **boon** for humans.

You can understand and analyze the importance of computer by seeing a revolution in online education, online business, online communication and digital banking. To store, access, manipulate, calculate, analyze data and information we use **hardware** devices and **software** applications.

- a. **Guess the meaning fo the word "boon":** _____
- b. **Write some of the uses of computers that the text mentions:**

3. **Label the elements of this computer system.**



Q. List out the various Operating System available.

Computing

Connect the columns



1. Operating System

2. lets you manage hardware and resources like memory and storage

3. Determines what your computer can do

4. These are Operating Systems

5. These are designed for smaller touchscreens

iOS, Android

Operating System and the computer hardware

Windows, iOS, Linux

Program that allows you to interact with your computer

Operating System



Identify the Operating System

