



GVN

THE GLOBAL SCHOOL

Sector C, BHEL, Govindpura, Bhopal
Affiliated to CBSE (Affiliation No.: 1030723)

CLASS - VI

WORKSHEET

SESSION 2025-26

COMPUTER

(Topic :- Computer language and generation)

A. Fill in the blanks.

1. A _____ is a set of instructions, which tells the computer what to do.
2. The development of computer languages can be classified into _____ categories.
3. _____ language consists of binary numbers, i.e. 0 and 1.
4. _____ language uses simple English words and Mathematical operators.
5. _____ language uses mnemonic codes or symbols.
6. In binary language, 0 means _____ and 1 means _____ state.
7. _____ is the world's fastest Super Computer.

B. State True or False.

1. Machine language is the only language that a computer understands.
2. Assembly language is regarded as the first generation language.
3. Each programming language has its own specific rules.
4. A compiler converts a high level language program into machine language line by line.
5. The high level language program has to be converted into the machine language by the translator programs.
6. Programming is the process of writing specific instructions in a computer language.
7. Machine language uses mnemonic codes.
8. A computer can easily understand a high level language.

C. Application based questions.

1. Raman is working in the National Weather Forecasting agency. Which type of computer is he using to forecast the weather conditions?
2. Which type of computer do Indian Railways use to interact with the customers for the booking and cancellation of tickets?
3. Sumit is trying his hand at Java programming, but he does not know which type of language it is. Help him to solve his query.

D. Multiple choice questions.

1. A program written in the assembly language is called _____
 - a. Assembler
 - b. Source Program
 - c. Object Program

2. An _____ converts a high level language program into machine language, line by line.
 - a. Assembler
 - b. Compiler
 - c. Interpreter

3. The program converted into machine language by the translator is called _____
 - a. Source Program
 - b. Object Program
 - c. Assembler

4. Laptops usually have _____ inch screen.
 - a. 11 to 12 inch
 - b. 13 to 15 inch
 - c. 16 to 18 inch

5. _____ are used in homes, schools, shops, offices, banks, etc.
 - a. Micro computers
 - b. Mini Computers
 - c. Super computers

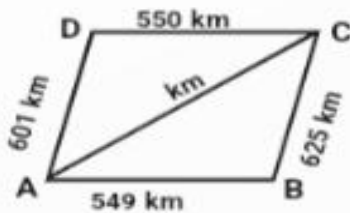
E. Answer the followings.

1. What do you mean by Machine language?
2. How is Assembly language different from Machine language?
3. What are the features of a High level language?
4. Differentiate between an Interpreter and a Compiler.
5. List any three characteristics of the Fourth Generation Language.

Mathematics

Chapter - 1 (Knowing Our Numbers)

1. Fill in the blank
 - i) The number name of 8090056 is _____.
 - ii) The greatest number of 8 digits using 3, 0, 1, 8 is _____.
 - iii) Sum of x and L in numerals is _____.
2. Match the place value of 4 in each case.
 - i) 1450916 4000
 - ii) 4802357 400000
 - iii) 33234901 4000000
3.
 - i) 10 Lakh means
 - a) 1 million b) 10 million c) 100 million d) 1000 million
 - ii) CXXV write in Hindu-Arabic numeral is
 - a) 25 b) 125 c) 135 d) 105
 - iii) 2315 when rounded to the nearest tens is
 - a) 2310 b) 2320 c) 2300 d) 2316
4. Write your Date of Birth in Roman Numerals _____.
5. Estimates : 8325 - 491
6. In given figure, find distance in kilometers.



- a) from C to A through B.
- b) from A to d.

Activity : Write your Date of Birth in given column below

DATE		MONTH		YEAR			

- i) Write the name according to Indian System
- ii) Write name according to International System

CHAPTER-2: Whole Numbers

CLASS- VI

1. Name the property for each of the following:
 - i) $37+18$ is a whole number.
 - ii) $45+(67 + 89) = (45 +67) + 89$
 - iii) $34 + 27= 27 + 34$
 - iv) $91 - 0 = 91$
 - v) $543 + 0 = 543$
2. Find the product using distributive property-
 - i) $397 \times 27 + 397 \times 13$
 - ii) $571 \times 697 - 171 \times 697$
 - iii) $3845 \times 5 \times 782 + 769 \times 25 \times 218$
 - iv) $645 + 223 \times 645$
3. A taxi driver filled his car petrol tank with 45 litres of petrol on Saturday. On Sunday he filled his tank with 55 litres of petrol. If the petrol costs Rs.74 per litre, how much did he spend on petrol?
4. A)What is the additive identity in whole numbers?
B)What is the multiplicative identity in whole numbers?
5. What would be the value for each:
i) $5 \times 1 =$ ii) $5 + 1 =$ iii) $5 + 0 =$ iv) $5 \times 0 =$ v) $5 \div 1 =$ vi) $5 \div 0 =$
6. Using properties of multiplication, find the product in each of the following:
i) $8 \times 7895 \times 125$ ii) 8325×101 iii) $2 \times 6851 \times 5$ iv) $8 \times 888 \times 25$ v) $625 \times 279 \times 16$
7. If the product of two whole numbers be 1 , what can you say about these numbers?
8. Fill in the blanks-
 - a) Smallest whole number is _____
 - b) Sum of two even numbers is _____
 - c) Predecessor of natural number 1 is _____
 - d) Successor of 569999 is _____
 - e) 0 is a _____ number
 - f) Smallest natural number is _____
 - g) $0 \div 7 =$ _____
9. Look at the pattern and write next two steps:
 $1 \times 9 + 1 = 10$
 $12 \times 9 + 2 = 110$
 $123 \times 9 + 3 = 1110$

10. a) Write the next two odd numbers after 81999.
b) How many whole numbers are there between 15 and 25?

Maths Worksheet

1. Find the Highest Common Factor (HCF) or the Greatest Common Factor (GCF) of the following using the long division method:

- a. 48, 75
- b. 78, 52, 23
- c. 84, 96, 63
- d. 154, 87
- e. 96, 54, 75

2. Find the HCF or GCF of the following using the factorisation method:

- a. 8, 65, 64
- b. 80, 45, 90
- c. 12, 60, 52
- d. 11, 121, 110
- e. 24, 48, 32

3. Find the Least Common Multiple (LCM) of the following:

- a. 12, 32, 40
- b. 40, 54, 62
- c. 12, 84, 91
- d. 91, 49, 7
- e. 45, 90, 15

HINDI

1. मान लीजिए आप भविष्य में देश के प्रधानमंत्री बन गए 1 तो देश के विकास के लिए आप कौन-कौन से काम करेंगे ?
2. कोई 10 नारे (स्लोगन्स) लिखिए 1 (किसी भी टॉपिक पर)
3. जल को बचाने का संदेश देते हुए एक आकर्षक चार्ट बनाइए 1
4. भारत देश को विश्व गुरु क्यों कहा जाता है? इसका उत्तर अपने शब्दों में लिखिए 1
5. रामायण के जिस पात्र से आप सबसे ज्यादा प्रभावित हैं उस पात्र के बारे में 10 लाइन लिखिए

SANSKRIT

प्रश्न =1 अधोलिखित पदानां वर्ण संयोजनम कृत्वा लिखत -

- i) च्+ अ + ष्+ अ+ क्+ अः = -----|
- ii) स्+ औ+ च् + इ+ क्+ अः = -----|
- iii) घ्+अ+ ट्+इ+ क्+ आ = -----|
- iv) म्+ आ+ प्+इ+ क्+ आ =-----|
- v) धा + आ+ व +इ+ क्+ आ =-----|

प्रश्न =2 पदानां वर्ण विच्छेदनं कृत्वा लिखत -

- i) चटके = -----
- ii) खट्वा = -----
- iii) छुरिका = -----
- iv) उद्यानम = -----
- v) कुरुतः = -----

प्रश्न =3 मञ्जूषातः पदं चित्वा रिक्त स्थानानि पूरयत् -

मञ्जूषा - नृत्यन्ति, गर्जतः, धावति, चलतः, फलन्ति

- i) मयूराः -----
- ii) गजौ -----
- iii) वृक्षाः-----
- iv) सिंहौ-----
- v) अश्वः -----

प्रश्न=4 पदानि संयोज्य वाक्यानि पूरयत् -

गजाः	नृत्यन्ति
सिंहौ	गायति
गायकः	पठतः
बालकौ	चलन्ति
.मयूराः	गर्जतः

प्रश्न =5 अधोलिखित वाक्येषु अंकानाम् स्थाने संस्कृत संख्या उचित पदं चित्वा लिखत ।

- (i) हस्ते (5)----- अङ्गुलिया भवन्ति । (पञ्च/ सप्त / षड्)
(ii) इश्वरः (1)----- एवं अस्ति । (एकः / एकं / एका)
(iii) रामायणे (7)----- काण्डानि सन्ति ॥ सप्त / पञ्च / अष्ट
(iv) उद्याने (3) ----- महिलाः भ्रमन्ति । (तिस्र / त्रीणि / त्रयः)
(v) तत्र (2)----- अश्वौ धावतः । (द्वौ/ द्वे/ द्वयः)

प्रश्न =6 उदाहरणानुसारं धातुरूपाणि रिक्त स्थाने लिखत ।

धातुः	एकवचनं	द्विवचन	बहुवचनं
पठ	पठसि	पठथः	पठथ
(i) चल्	-----	चलथः	-----
(ii) हस्	हससि	-----	-----
(iii) लिख्	लिखसि	लिखथः	-----

प्रश्न =7 चित्रं दृष्ट्वा मञ्जूषा पद साहाय्येन संस्कृते पञ्च वाक्यानि लिखत ।

SOCIAL SCIENCE

TOPIC :- “ LOCATING PLACES ON THE EARTH” & “LATITUDES & LONGITUDES”

ASSIGNMENT-

1. Make a community map (in 2 D or 3 D form/ Pictographical form on a chart paper/ cardboard/Thermocol) of your neighbourhood & mark important landmarks such as school, hospitals, markets, temples, petrol pump, police station , , road squares ,etc.

OR

Make a Project on your region[Madhya Pradesh- Plateau region] which include:

- (i) Physical features of the region.
- (ii) Culture, food, economic activities & languages spoken in the region.

NOTE:- Make it on a Chart Paper or on a thermocol sheet.

2. COPY WORK - [Do it in Class work copy]

I. Answer the following questions:-

- A. _____ is the only continent through which three major parallels passes.
- B. The imaginary lines that run from west to east & are parallel to the Equator in the form of circles are known as_____.
- C. A set of imaginary lines running from the North Pole to the South Pole is called_____.
- D. The parallels & the meridians intersect each other at right angles & the network of these lines on a globe are called the _____.
- E. The 180° meridian is called the _____.
- F. These maps are designed to show specific themes or topics, name the map_____.
- G. To find the boundaries of different countries or states, we use _____ map.
- H. This direction points to the left side of the map_____.

II. On the map of India name & locate the following locations :-

- A. Lakshadweep
- B. Jaipur
- C. Bhubneshwar
- D. Leh
- E. Kanyakumari
- F. Eastern Coastline & Western Coastline
- G. New Delhi
- H. Chennai

SCIENCE

TOPIC :- Magical Diversity in Living World

A. Tick (✓) the odd one out giving a reason. (Conceptual Learning)

- Question 1. Corn, Wheat, Maize, Chickpea, Ginger.
Question 2. Frog, Crocodile, Lizard, Toad, Salamander.
Question 3. Rose, Cucumber, Banana, Mint, Hibiscus.
Question 4. Mango, Neem, Tulsi, Banyan, Oak.
Question 5. Pea, Grapevine, Watermelon, Sweet gourd, Bitter gourd.

B. Multiple Choice Question :-

Question 1. Which of the following plants has soft and thin stems?

- (a) Tulsi
- (b) Hibiscus
- (c) Neem
- (d) Common Grass

Question 2. Which of the following trees is cone-shaped and has flexible and sloping branches?

- (a) Neem
- (b) Deodar
- (c) Cactus
- (d) Oak

Question 3. Which of the following animals has a different habitat?

- (a) Lion
- (b) Camel
- (c) Zebra
- (d) Hyena

Question 4. Which of the following plants has reticulate venation?

- (a) Grasses
- (b) Banana
- (c) Ginger
- (d) Rose

Question 5. Which of the following has tap roots?

- (a) Wheat
- (b) Rice

- (c) Corn
- (d) Neem

C. Assertion – Reason (Critical Thinking)

Two statements are given for questions 1 to 5: Assertion (A) and Reason (R). Select the correct answer to these questions from the codes (a), (b), (c), and (d) as given below:

- (a) Assertion (A) and Reason (R) both are correct statements and reason is the correct explanation for assertion.
- (b) Assertion (A) and Reason (R) both are correct statements and reason is not the correct explanation for assertion.
- (c) Assertion (A) is a correct statement but the Reason (R) is a wrong statement.
- (d) Assertion (A) is a wrong statement but the Reason (R) is a correct statement.

Question 1.

Assertion (A): The biodiversity of different regions varies because of distinct environmental conditions.

Reason (R): Plants can be grouped into herbs, shrubs, and trees based on their heights, types of stems, and branching patterns.

Question 2.

Assertion (A): Frogs, toads, and salamanders are amphibians.

Reason (R): The organisms that live in both aquatic as well as terrestrial habitats are called amphibians.

Question 3.

Assertion (A): Deserts are considered as the best habitat for tigers.

Reason (R): The place where plants and animals live is called their habitat.

Question 4.

Assertion (A): Fishes in the ocean have aquatic habitats.

Reason (R): The streamlined body of fish makes it easier for them to swim in the water.

Question 5.

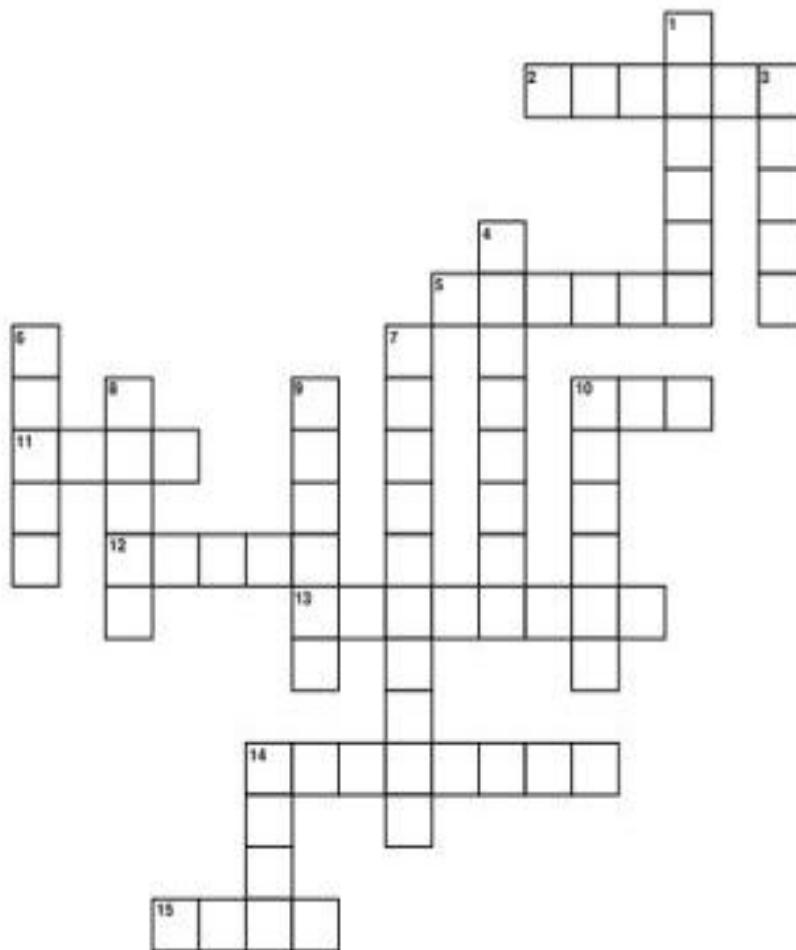
Assertion (A): Camel is called “the ship of the desert”.

Reason (R): Camel can adapt itself against heat and water scarcity which makes it well suited for desert conditions.

D. Write one word or two words for each of the following:

- (a) The place where plants and animals live
- (b) The special features that enable plants and animals to survive in a particular region
- (c) Plants having seeds with two cotyledons
- (d) Plants whose roots arise from the base of the stem
- (e) Plants having seeds with one cotyledon _____

Animals and Their Habitats!



Across

- [2] This habitat has lots of trees
- [5] This animal eats carrots
- [10] This animal is wise and flies silently
- [11] This animal has "pride"
- [12] This little animal stinks
- [13] This animal is the largest on land
- [14] This habitat makes you feel at home
- [15] This habitat can have horses and cows

Down

- [1] This habitat is not made of cake
- [3] This animal has stripes
- [4] This habitat is grassy
- [6] This habitat is cold
- [7] This animal makes lots of noise
- [8] This animal has very large antlers
- [9] This animal looks most like us
- [10] This habitat tastes salty
- [14] This animal was Disney's favourite

سوال (۲) نیچے دیے ہوئے حروف کو ملا کر لفظ بنائیے:

(۱) چ + و + ن + ا =

(۲) د + و + و + ا =

(۳) آ + ہ + ا + د + ی =

(۴) د + ی + و + ا + ن =

(۵) خ + و + ہ + ا + ن + ی =

(۶) ش + ا + خ =

(۷) س + و + ن + ا =

(۸) د + ر + س =

(۹) د + ر + خ + ہ =

(۱۰) س + ر + د =

سوال (۳) حصہ "الف" اور "ب" کے تحت دیے ہوئے لفظ ملائیے۔

(۳) رسوبی

(۵) دبی

سوال (۴) خالی جگہوں میں 'ذ' یا 'ظ' لگا کر لفظ مکمل کرو۔

(۱) ذ

(۲) پاد

(۳) سلا

(۴) دھا

(۵) معلو

(۶) مشا

(۷) عا

(۸) جا

(۹) ل

(۱۰) سلا

ENGLISH

The giraffe is the tallest of all living land animals. A male giraffe can grow up to 18 feet tall, while a female can reach up to 15 feet. This incredible height helps them escape competition for ground-level grass that other leaf-eating animals seek. It also provides them with a long range of vision, allowing them to spot potential dangers from afar.

Giraffes primarily eat leaves, with acacia leaves being their favourite. In spring, when many trees are bare, they spend about 80 per cent of their day eating. However, during summer, when trees are full of leaves, they only need to eat for about 15 per cent of the day. The rest of their time is spent resting or socialising with other giraffes.

Questions:

Fill in the Blanks:

The giraffe is the _____ of all living land animals.

A male giraffe can grow up to _____ feet tall.

Giraffes primarily eat _____ leaves.

Multiple Choice Questions (MCQs):

What is the favourite food of giraffes?

A) Grass

B) Fruits

C) Acacia leaves

D) Flowers

How much time do giraffes spend eating in spring?

A) 15 percent

B) 50 percent

C) 80 percent

D) 100 percent

ART AND CRAFT

Art- Complete your drawing book

Craft- Madhubani painting canvas size -A4, yoga day poster A3 size sheet