



# GURU HAR RAI ACADEMY

Overbridge Ramadevi Bypass Sanigawan Road

Affiliated To New Delhi ICSE / ISC

School Code UP 129

## HOLIDAY HOMEWORK

CLASS:- VI

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### BIOLOGY

- Please solve the following worksheet in your fair notebook.
- Use only pencil for diagrams
- Refer your textbooks for solving the worksheet

#### Worksheet-1

- 1. Differentiate between the following( one point only)**
  - a. Reticulate and parallel venation
  - b. Simple and compound leaf
- 2. Define the following:**
  - a. Photosynthesis
  - b. Transpiration
  - c. Vegetative propagation
  - d. Sessile leaf
  - e. Lamina
  - f. Venation
- 3. Find out the reasons for the following.**
  - a. Why are leaves called food factories of plant?
  - b. Why do photosynthesis occur only in green leaves?
  - c. Pitcher plant and Venus flytrap are green plants and synthesise their food then why do they kill insects?
- 4. Draw well labelled diagrams of the following**
  - a. Structure of a leaf
  - b. Simple and compound leaves

## Worksheet-2

### 1. Draw and label the diagrams of the following

- a. Complete bi sexual flower
- b. Structure of bean seed

### 2. Define the following terms

- a. Calyx
- b. Corolla
- c. Androecium
- d. Gynoecium
- e. Pollination
- f. Fertilization
- g. Thalamus
- h. Stamen
- i. Pistil

# COMPUTER

## Worksheet – I

### A. Fill in the blanks:

1. Moving a file/folder means shifting it from its.....to another location.
- 2.....option is used to change the name of a file/folder.
3. You can find a file/folder by typing the keyword in the.....at the top of every window.
- 4.....and .....are two wildcard characters commonly used in searching the information.
5. A.....is a standard way for encoding information in a computer file.

### State True or False:

1. To select a consecutive group of files, click on the Ctrl key.
2. Shift + Del key combination deletes a file/folder permanently.
3. In Windows 7, we can display only two windows at a time.
4. The sound files have the extension .mp3.
5. \*.docx will search for all the Microsoft Word files whose name contains only one character.

### Application Based Questions:

1. Neeta wants to locate a file that she had saved in her computer a few days back. She doesn't remember the exact name but can recall the first alphabet of the file name. Suggest her an appropriate method to find the file.
2. Riya wants to listen to music while searching some information over Internet. Which option should she choose to work with both applications simultaneously?

### Answer the following:

1. What is a File?
2. What do you mean by file format?
3. Which characters are used to locate files or folders, in case you know only a part of the file name? Explain their use with the help of examples.
4. What is the need of sorting the files? How will you sort files on your desktop in an alphabetical order?

### Answer in short:-

1. Name the type of micro computers. Explain any two.
2. Write the difference between laptop and tablet.
3. Write a short note on embedded system.
4. What are hand held devices give example?

## WORKSHEET – II

### Fill in the blanks:

- 1.....allows users to send instant messages back and forth to each other.
2. An.....is a virtual meeting place for individuals who share the same interests.
3. ....is short form of malicious software.
- 4.A program that is secretly embedded on a computer system to steal, corrupt or destroy data is known as.....
- 5.....can be defined as a medium of delivering television content over an Internet connection.

### State True or False:

- 1.A worm attacks a computer by attaching itself to other files or computers.
- 2.A signature is a bit of personalised text which is inserted at the bottom of every mail.
- 3.BCC stands for Blue Carbon Copy.
- 4.E-learning is more expensive as compared to traditional ways of learning.
5. A file larger than 25MB cannot be sent as an attachment.

### Application Based Questions:

1. Mr. Nanda wants to conduct a corporate meeting between all the branches of his company, across the country. He wants to have a face to face conversation with all the Regional Managers. Which Internet service should he use for this virtual meeting?
2. Rohini wants to send the copy of an official mail to multiple recipients. She does not want to let them know the other persons receiving the same mail. Which feature should she use for the same?

### Answer the following:

1. Write a short note on:
  - a. E-learning
  - b. Internet Radio
2. Write any two advantages and disadvantages of Internet.
3. Define threat in terms of computer security. Explain any two security threats.
4. What do you understand by the term Netiquettes? Explain any two.
5. Explain the use of e-mail address by giving some examples.
6. What is the use of signature in an e-mail?

## ENGLISH LANGUAGE

### WORKSHEET-1

**\*SENTENCE :-** A group of words that makes complete sense is called a sentence.  
A sentence expresses a complete thought.

**\*KINDS OF SENTENCES:-** There are five kinds of sentences:- ASSERTIVE ,  
IMPERATIVE , INTERROGATIVE , EXCLAMATORY & OPTATIVE

**\*EXERCISE 1:-** Rewrite the following group of words as sentences . Begin each sentence with a capital letter and use full stops , question marks , and exclamation marks at the end as required :

1. name's / my / Jim / Hi
2. you / meet / Nice / to
3. introduce / to / me / Jan / Let / you
4. help / I / morning. / Can / Good / you / ?
5. Grant, / I'd / to / Manager / you / to / the / the / like / Mr. / introduce / of / hotel.
6. live / Where / you / do / ?
7. name / What's / first / your / ?
8. number / What's / telephone / your / ?
9. do / do / What / you / ?
10. surname / your / What's / ?
11. are / How / you / old / ?
12. from / are / Where / you / ?
13. introduce / I'd / our / to / you / to / like / new / Fatima / cook
14. me / Can / dining-room / show / you / the?
15. the / you / bar / work / Do / alone / in / ?
16. Spanish / Do / speak / you / ?
17. on / The / is / the / cloakroom / right
18. toilets / left / are / the / on / The

19. tea / I / drink / don't
20. late / always / He / arrives
21. is / kitchen / charge / She / of / in / the
22. name / you / Can / your / please / spell?
23. reserve / table / I'd / a / to / please / like
24. what / for / Certainly, / day / ?
25. non-smoking / that / Is / smoking / or / ?
26. you / Certainly / here / madam, / are
27. evening / you / See / this
28. that's / Ok / problem / sir, / no
29. what / And / time / you / table / want / do / the / ?
30. that's / All / so / right, / a / for / table / two / Saturday / on
31. table / A / party / a / six / evening / seven / of / at / in / the / for
32. winter / in / Closed
33. breakfast / English / Traditional / from / 7 / to / available / 10 / a.m.
34. for / Special / December / banquets / prices / in / Christmas
35. have / Do / reservation / you / a / ?
36. name / Could / have / I / your / ?
37. your / I / coats / take / Shall / ?
38. not / madam, / sorry / afraid / very / I'm / I'm / that / is / available / table
39. table / please, / Follow / show / I'll / you / me / to / your
40. about / piano / the / What / table / small / the / near / ?
41. and / the / list / the / Here's / menu / wine
42. dry / glass / I'll / wine / have / a / white / of
43. window / close / Excuse / could / please / you / the / me / ?
44. some / I / please / have / bread / Can / ?
45. our / Could / show / to / us / table / you / ?
46. have / Could / the / corner / table / we / by / the / ?
47. coat / Can / please / I / my / have / ?
48. each / How / need / much / do / of / you / ingredient / ?

49. recipe / worry / I / Don't / give / the / can / you

50. take / cloakroom / Don't / to / bag / the / my

**\*EXERCISE 2:-** Identify the following sentences as ASSERTIVE ,  
IMPERATIVE , INTERROGATIVE , EXCLAMATORY & OPTATIVE :

1. How old are you?
2. What a beautiful flower it is!
3. Nature is the best physician.
4. My father is not well.
5. Shut the door carefully.
6. Learn this poem by heart.
7. I shall not go out in the rain.
8. Draw a line to join these points.
9. May God bless you!
10. Do you exercise daily.
11. Your good wishes are always with me.
12. Please, give me two tickets for the show.
13. Did you celebrate your birthday this year.
14. Always go out with an umbrella during the monsoons.
15. How wonderful is the rain after the dust and heat!
16. You must not sleep till seven in the morning.
17. A helicopter cannot fly faster than an aeroplane.
18. They will not buy such new things.
19. How badly was she injured !
20. I brush my teeth after every meal.

**\*EXERCISE 3:-** Write 15 sentences about early morning sights , sounds  
and thoughts. Use all five kinds of sentences.

## WORKSHEET : 2

### **\*Parts of sentences:- Subject and Predicate**

**\*SUBJECT:** The subject of a sentence is that part which names the person or thing we talk about.

**Eg.-** Kapil loves to play cricket.

**\*PREDICATE:** The predicate of a sentence is what is said about the subject.

**Eg.-** Kapil loves to play cricket.

**EXERCISE 1:-** Circle the subject and underline the predicate in the following sentences :

1. John is going to the market.
2. He managed to reach home on time.
3. The king offered his advice to the farmer.
4. Rose was a princess who slept for a hundred years.
5. The Lion wanted to eat the rabbit.
6. At one corner of the hall stood Ramu.
7. Our class teacher was absent yesterday.
8. The birds flew away.
9. A group of children sang a song.
10. The dog is a faithful animal.
11. He is learning English these days.
12. They are watching the match.
13. Parents will reach Delhi next week.
14. Reeta has finished her homework.
15. Wood always floats on water.

**\*EXERCISE 2:-** Add suitable predicates to each of the following subjects:-

1. A gardener-----
2. Apples and mangoes-----
3. Cotton-----
4. The teacher-----
5. The earth-----



6. Reading-----
7. The answer to this question-----
8. The morning sun-----
9. The climate-----
10. All trees-----
11. Many spectators-----
12. A gentle breeze-----
13. Water-----
14. The crew members-----
15. Amphibians-----

**\*EXERCISE 3:-** Add suitable Subjects to each of the following  
Predicates :

- 1 sets in the west
- 2 teaches us Mathematics.
- 3 is a precious metal.
- 4 is the capital of India.
- 5 cannot run fast.
- 6 is a very big city.
- 7 grow on vines.
- 8 was looking for his pet dog.
- 9 went on a holiday with my family.
- 10 help me in my difficulty.
- 11 is greener on the other side
- 12 is in Amritsar.
- 13 is the best exercise.
- 14 can always have dreams.
- 15 caught the thief.

**NOTE:- DO BOTH THE WORKSHEETS IN YOUR LAST YEAR'S ENGLISH WEEKLY TEST  
NOTEBOOK.**

# CHEMISTRY

## I. Fill in the blanks

1. Water is matter because it has \_\_\_\_\_ and occupies \_\_\_\_\_.
2. \_\_\_\_\_ and \_\_\_\_\_ can flow.
3. Water boils at \_\_\_\_\_ °C.
4. The molecules are at a greater distance in \_\_\_\_\_ as compared to liquids.
5. Any matter which has a definite \_\_\_\_\_ but no definite shape is called a \_\_\_\_\_.

## II. Name the phenomenon which causes the following changes.

1. Formation of water vapour from water.
2. Conversion of ice and water.
3. Conversion of water into steam.
4. Disappearance of camphor when exposed to air.

## III. Write whether the following statements are true and false.

1. A gas has no free surface.
2. Solids have the largest intermolecular space.
3. There is no difference between evaporation and boiling.
4. The intermolecular force of attraction is the weakest in gases.
5. All solids, on heating, first change to liquid and then to the gaseous state.

## IV. Give two examples for each of the following.

1. Substance which sublimes.
2. Substance which does not change its state.
3. Substance which is rigid and not compressible.

## WORKSHEET-II

### I. Mention one use of the following equipment.

- |                     |                       |
|---------------------|-----------------------|
| 1. Spirit lamp      | 6. Beaker             |
| 2. Test tube        | 7. Mortar and pestle  |
| 3. Conical flask    | 8. Measuring Cylinder |
| 4. Evaporating dish | 9. Gas jar            |
| 5. Wire gauze       | 10. Reagent bottle    |

### II. From what materials are the following made of?

1. Test tube rack
2. Test tube holder
3. Measuring Cylinder
4. Wire gauze
5. Mortar and pestle

### III. Fill in the blanks

1. A porcelain dish is used \_\_\_\_\_.
2. Glass apparatus is made of \_\_\_\_\_ or \_\_\_\_\_ glass.
3. \_\_\_\_\_ is used to hold the test tube while it is heated.
4. Experiment and \_\_\_\_\_ are the two important basics of chemistry.
5. \_\_\_\_\_ is used for the grinding and crushing solid substance into a powder.

### IV. Match the following

- |               |                            |
|---------------|----------------------------|
| 1. Iron stand | i) To boil chemicals       |
| 2. Test tube  | ii) To keep solution       |
| 3. Funnel     | iii) To stir the solution  |
| 4. Beaker     | iv) To support apparatus   |
| 5. Glass rod  | v) To transfer the liquids |

## MATHEMATICS

1. Arrange the following numbers in descending order: 100101, 100001, 100011, 10001.

2. Place value of 8 in 86, 93, 04, 600 is

- (A) Eight crores
- (B) Eighty crores
- (C) crores
- (D) eighty six crores

3. Roman numeral for 2143 is

- (A) MMCXLIII
- (B) MMCLIII
- (C) MMCXLII
- (D) none of these

4. Difference between the place values of "3" in 3116365 is (A) 2999700

- (B) 3000700
- (C) 2990700
- (D) none

5. How will the following number be read out? 3, 53, 552

- (A) Three lakh, fifty three thousand, five hundred and fifty two
- (B) Three crore, fifty three lakhs, five hundred and fifty two
- (C) Three million, fifty three lakhs, five hundred and fifty two
- (D) Three lakh, fifty three thousand five hundred and twenty five.

6. Which of the following number is correctly represented?

- (A) VVI
- (B) LLXX
- (C) MDDL
- (D) XXI

7.  $XIX + XXX = \dots\dots\dots$  (Ans in Hindu Arabic)

- (A) 49
- (B) 51
- (C) 55
- (D) 44

8. Number of boys in a class are 27 and the girls are 19. Write the total strength of the class.

- (A) XCV
- (B) XLIV
- (C) XLVI
- (D) XLVII

9. Roman numerals for 498 is

- (A) CDCXVIII
- (B) CDCXIV
- (C) CDXCVIII
- (D) CDXCVII

10. Raju is 22 years old and Ramu is 19 years old. Write the difference of their ages in Roman system.

- (A) III
- (B) XXDI
- (C) XXXLII
- (D) XXXLL

11. Find the product  $1768 \times 25$ . (A)

44100

- (B) 44200
- (C) 44300
- (D) 44400

12. Choose the correct descending order : 85868788, 85888687, 85878688 (A)  $85868788 >$

$85878688 > 85888687$

- (B)  $85878688 > 85868788 > 85888688$
- (C)  $85868788 > 85888687 > 85878688$
- (D)  $85888687 > 85878688 > 85868788$

13.648340021 is written with commas according to International System as (A) 648,340,021

- (B) 6, 4, 8, 3, 0, 0, 2, 1
- (C) 64, 83, 40, 02, 1
- (D) none

14.190216536 is written with commas according to Indian System as (A) 190,216,536

- (B) 1, 9, 0, 1, 2, 1, 6, 5, 3, 6
- (C) 19,02, 16, 536
- (D) 1902, 1, 65, 36

15. Numeral for five hundred three million eight thousand seven hundred two is

- (A) 500380702
- (B) 503800702
- (C) 503008702
- (D) 503080702

16. Sum of the greatest 6 digit number and the greatest 7 digit number is (A) 1099998 (B)

- 10999998
- (C) 10099998
- (D) 1099998

17. Standard form of  $900000000 + 800000 + 50000 + 3000 + 20 + 3$  is

- (A) 900085323
- (B) 98503023
- (C) 900853023
- (D) 985323

18.1km = .....

- (A) 1000 hectameters
- (B) 1000 cms
- (C) 1000 metres
- (D) 1000 decametres

19. What will be the cost of 2kg of papaya and 1kg of oranges?

Fruits	Price/kg
Apples	Rs. 40
Oranges	Rs. 30
Grapes	Rs. 20
Papaya	Rs. 30
Guava	Rs. 20

(A) Rs. 100      (B) Rs. 80      (C) Rs. 90      (D) Rs. 70

20. What will be the total cost of one kg. of apple and one kg. of grapes?

Fruits	Price/kg
Apples	Rs. 40
Oranges	Rs. 30
Grapes	Rs. 20
Papaya	Rs. 30
Guava	Rs. 20

(A) Rs. 50      (B) Rs. 60      (C) Rs. 70      (D) Rs. 80

21.By how much is the cost of guava less than papaya?

Fruits	Price/kg
Apples	Rs. 40
Oranges	Rs. 30
Grapes	Rs. 20
Papaya	Rs. 30

Guava	Rs. 20		
(A) Rs. 20	(B) Rs. 30	(C) Rs. 10	(D) Rs. 40

22. What Fruits Apples Oranges Grapes Papaya Guava will be the price of 2 kg of papaya?

Fruits	Price/kg
Apples	Rs. 40
Oranges	Rs. 30
Grapes	Rs. 20
Papaya	Rs. 30

23. Which is the fruit that cost 10 rupees less than apples? Fruits  
Price/kg

Apples	Rs. 40
Oranges	Rs. 30
Grapes	Rs. 20
Papaya	Rs. 70
Guava	Rs. 20

(A) Guava                      (B) Oranges                      (C) Papaya                      (D) Apples

24. Which Fruits Apples Oranges Grapes Papaya Guava is the fruit that cost twice that of grapes?

Fruits	Price/kg
Apples	Rs. 40
Oranges	Rs. 30
Grapes	Rs. 20
Papaya	Rs. 30
Guava	Rs. 20

(A) Papaya                      (B) Guava                      (C) Apples                      (D) Oranges

25. What will be the ascending order of the numbers given below? (i) 6392    (ii) 6782                      (iii) 6784                      (iv) 6654

(A) (i) < (iii) < (ii) < (iv)  
 (B) (ii) < (iv) < (iii) < (i)  
 (C) (i) < (iv) < (ii) < (iii)  
 (D) (ii) < (iii) < (i) < (iv)

26. Arrange the following in ascending Order. 6392,6782,6789,6654

27. How will the number 3,53,552 be read out According to Indian System?

28. Place value of 9 in 9,83,04,600 is

29. Which one is greater, greatest 5 digit number or the smallest 6 digit number also find out the difference of these two numbers.

30. 645340001 is written with commas according to International System as

31. Difference between the place values of "1" in 3116365 is

32. Roman numerals for 98 is

33. Sum of Roman Number XX, XXIX will be equal to
34. Without repetition make the greatest And smallest 5-digit number of: 2, 8, 7, 4, 0
35. Write in Roman numerals. Of the following 64, 92 36.1 million =  
thousands
37. 1 crore = ----- lakh
38. Without repetition make the greatest And smallest 4-digit number of: 9, 3, 4, 6
39. Write in Roman numerals. (a) 65  
(b) 77
40. Arrange the numbers in ascending order: 947, 10009, 8331, 502.
41. Place commas correctly and write the numerals.  
(a) Nine crore five lakh forty-one.  
(b) Fifty eight million four hundred twenty three thousand two hundred two.
42. Arrange the numbers in ascending order: 847, 9754, 8320, 571
43. Write 96 and 79 as Roman Numbers.
44. a) How many thousands make a million?  
b) How many lakhs make a crore?
45. Without repetition make the greatest and smallest 4-digit number using the digits: 2, 8, 7, 4
46. Find a three-digit number, which can be formed by using the digits 0, 3, 5 without repeating any digits.
47. A vessel has 30 litres and 525 ml of milk. In how many glasses, each of 25 ml capacity, can it be filled?
48. What will be the total cost of 3 kg. banana, 2kg orange and  $\frac{1}{2}$  kg papaya, if banana is 30 Rs/kg, orange is 40 Rs/kg and papaya is 20 Rs/kg.
49. Fill in the blanks:  
(a) 1 km = \_\_\_\_\_ metres  
(b) 1 Gram = \_\_\_\_\_ milligrams  
(c) 1 litre = \_\_\_\_\_ millilitres
50. In an election the successful candidate registered 5,77,500 votes and his nearest rival secured 3,48,700 votes. By what margin did the successful candidate win the election?
51. A vessel has 4 litres and 500 ml of curd. In how many glasses, each of 25ml capacity, can it be filled?
52. Population of a city was 2,35,471 in the year 1991. In the year 2001 it was found to be increased

by 72,958. What was the population of the city in 2001?

53. Subtract the face value of 7 from its place value in the number 9,87,964.

54. Arrange the following numbers in descending order 1,00,101, 1,00,001, 1,00,011, 1,01,001.

55. The town newspaper is published every day. One copy has 12 pages. Everyday 11,980 copies are printed. How many total pages are printed everyday?

56. The population of a town is 9,75,689. In the first year it increased by 4563 and in the next year it decreased by 8976. What population was left at the end of two years?

57. 70 Black-boards and 40 chairs were purchased for a school. If each black-board costs Rs. 450 and each chair costs Rs. 225, find the total amount spent by the school.



# PHYSICS

## Worksheet - I

### 1. Write true or false for each statement

- (a) S.I. unit of temperature is fahrenheit.
- (b) Every measurement involves two things – a number and a unit.
- (c) Mass is the measure of quantity of matter.
- (d) The S.I. unit of time is hour.
- (e) The area can be expressed as the product of length of two sides.

### 2. Fill in the blanks

- (a) The S.I. unit of length is \_\_\_\_\_, of time is \_\_\_\_\_ and of mass is \_\_\_\_\_.
- (b) °C is the unit of \_\_\_\_\_.
- (c) 1 metric tonne = \_\_\_\_\_
- (d) The zero mark in Celsius thermometer is the melting point of \_\_\_\_\_
- (e) The thermometer used to measure the human body temperature is called the \_\_\_\_\_ thermometer.
- (f) The normal temperature of human body is \_\_\_\_\_ °C or \_\_\_\_\_ °F.
- (g) The \_\_\_\_\_ of an object is measured with the help of a beam balance.

### Question 3.

Define one metre, the S.I. unit of length. State its one multiple and one sub multiple.

### Question 4.

Convert the following quantities as indicated

- (a) 12 inch = \_\_\_\_ ft
- (b) 1 ft = \_\_\_\_ cm
- (c) 20 cm = \_\_\_\_ m
- (d) 4.2 m = \_\_\_\_ cm
- (e) 0.2 km = \_\_\_\_ m
- (f) 0.2 cm = \_\_\_\_ mm
- (g) 1 yard = \_\_\_\_ m

### Question 5.

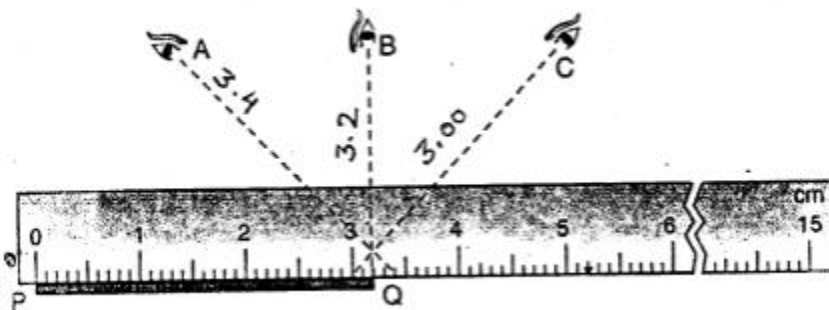
Describe in steps how would you measure the length of a pencil using a metre rule. Draw a diagram if necessary.

### Question 6.

Name the device which you will use to measure the perimeter of your play ground. Describe in steps how you will use it.

### Question 7.

The diagram below shows a stick placed along a metre RULER. The length of the stick is measured keeping the eye at positions A, B and C.



- (a) Write the length if stick PQ as observed, for each position of the eye. Are they all same?
- (b) Which is the correct position of the eye? Write the correct length of the stick.

**Question 8.**

Define mass. State its (1) S.I. (2) C.GS and (3) F.P.S. units.

**Question 9.**

Convert the following quantities as indicated:

(a) 2500 kg = ..... metric tonne.

(b) 150 kg = quintal

(c) 10 lb = ..... kg

(d) 250 g = ... .kg

(e) 0.01 kg = ..... g

(f) 5 mg = ..... kg

**Question 10.**

Name the instrument which is commonly used to measure the mass of a body. State how is it used ?

## Worksheet - II

### 1. Select the correct alternative

- (a) The symbol of degree celsius is
- °C
  - °F
  - K
  - °K
- (b) 10 mm is equal to
- 1cm
  - 1m
  - 10dm
  - 10cm
- (c) The amount of surface occupied by an object is called its:
- volume
  - area
  - mass
  - length
- (d) A metre ruler is graduated in:
- m
  - cm
  - mm
  - km
- (e) A thermometer is graduated in:
- kelvin
  - °C
  - g
  - cm

### Question 2.

What is measurement ? How is a measurement expressed ?

### Question 3.

State two characteristics of a unit.

### Question 3.

Name four basic measurements in our daily life.

### Question 4.

What are the S.I. units of

- mass
- length
- time and
- temperature. Write their names and symbols.

### Question 5.

Define one kilogram, the S.I. unit of mass. How is it related to (i) quintal (ii) metric tonne and (iii) gram.

### Question 6.

Name and define the S.I. unit of time. How is it related to (i) minute (ii) hour, (iii) day and (iv) year ?

**Question 7.**

Name two devices used to measure the short time interval of an event.

**Question 8.**

Express in second

- (i) 3 minute 15 second and
- (ii) 5 hour 2 minute 5 second.

**Question 9.**

What does the temperature measure ?

**Question 10.**

Name the S.I. unit and one common unit of temperature. Write their symbols also.

**Question 11.**

Name the instrument used for measuring of the temperature of a person. Draw its labelled neat diagram.

**Question 12.**

Write the temperature of (i) melting ice (ii) boiling water.

**Question 13.**

What is a clinical thermometer ? State its special feature. Draw a labelled neat diagram of a clinical thermometer showing the range of temperature marked on it.

**Question 14.**

What is the normal temperature of the human body ? How is it indicated in a clinical thermometer ?

**Question 15.**

Can a clinical thermometer be used to measure the temperature of the boiling water ? Give reason for your answer.

**Question 16.**

Explain the term 'area of a surface'.

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**Note:-**

- 1) Solve the above worksheets in your fair notebook.
- 2) Learn chapter 1- matter and chapter 3- force along with all the practice sheets provided for your upcoming unit test.

# GEOGRAPHY

Q1- Fill in the blanks:-

- A)- The variation on the earth surface are known as \_\_\_\_\_.
- B)- The \_\_\_\_\_ which originate from within the earth are called tectonic forces.
- C)-The raised blocks are called \_\_\_\_\_.
- D)- Block mountains are also called \_\_\_\_\_ mountains.
- E)- \_\_\_\_\_ are also called tablelands.

Q2- Write two examples of each:-

- A)- Young fold mountains \_\_\_\_\_
- B)-Erosional Plains \_\_\_\_\_
- C)- Volcanic Mountains \_\_\_\_\_
- D)- Block Mountains \_\_\_\_\_
- E)- Continental Plateaus \_\_\_\_\_

Q3- Define the followings:-

- A)- Weathering
- B)- Erosion
- C)- Lowland
- D)- Mountains
- E)-Exogenic Forces

Q4- Draw a diagram of block mountain and volcanic mountain from your text book only.

Q5- Answer these questions:-

- A)- Explain the importance of plateaus.
- B)- Write a short note on fold mountains.
- C)- Write two ways of formation of block mountains.
- D)- Write the four importance of mountains.
- E)- How are the structural plains formed? Give two examples of it.

**WORK SHEET No**

Q1- Fill in the blanks:-

- A)- A model of the \_\_\_\_\_ is called a Globe.
- B)- It is \_\_\_\_\_ to carry.
- C)- A \_\_\_\_\_ is a representation of the earth as a whole or apart of it.
- D)- The network of parallels and meridians on a map called \_\_\_\_\_.
- E)- A rough diagram which is drawn without a scale is called a \_\_\_\_\_.

Q2- Tick [✓]the correct answers:-

A)- The place from where are river originates:-

- 1- Source                      2- meanders                      3- Deltas

B)- An accurate map of a house is called a:-

- 1- Sketch                      2- Plan                      3- Diagram

C)- Physical features or landforms are also called:-

- 1- Wall map                      2- Relief                      3- Survey

D)- The triangular shape land formed between the distributaries, called:-

- 1- Delta                      2- Anticline                      3- River Basin

E)- The place where a river joins a lake, a sea or an ocean, called:-

- 1- Mouth                      2- Tributary                      3- Delta

Q3- Define the followings:-

- A- Anticline                      B- Syncline                      C- Tributary                      D- Distributary                      E- Meander
- F- Bearing                      G- A Sketch                      H- River Basin                      I- Survey                      J- Small-scale map

## HISTORY

Q1- Fill in the blanks:-

- A) \_\_\_\_\_ is the study of past events.
- B) People who study history are called \_\_\_\_\_.
- C) Edicts are commands issued by the \_\_\_\_\_ in olden days.
- D) Monuments and artefacts are \_\_\_\_\_ sources of history.
- E) \_\_\_\_\_ is a system of writing.

Q2- Answer the followings:-

- A) Why should we study history?
- B) How many divisions are there in time line of history?
- C) How was the name India derived?
- D) What is archaeology?
- E) How many categories can literary sources be divided into?
- F) Write one major difference between manuscripts and inscriptions.
- G) Why do you think ordinary men and women did not generally keep records of what they did?
- H) Explain two ways in which you think the lives of kings would have been different from those of farmers.
- I) What were the subjects on which generally books were written in the past?

Q3- Write true or false:-

- A) The Granary of Mohen Jodaro is made of fired bricks.
- B) Harappans grew no food of their own.
- C) Terracotta figures of Mother Goddess have also been found.
- D) Sir Alexander Cunningham discovered seals at Mohen Jodaro.
- E) Lothal was destroyed by frequent floods.

Q4- Define the followings:-

- A) Excavated      B) Dockyard      C) Sculpture      D) Terracotta      E) Dicing

## WORK SHEET NO.2

Q1- Fill in the blanks:-

- A) In the \_\_\_\_\_, man lived in small villages.
- B) When man begin to live in towns, it marked the beginning of \_\_\_\_\_.
- C) The main sources of the \_\_\_\_\_ are the archaeological evidences.
- D) Mohen Jodaro, Lothal and other cities are known to have a good \_\_\_\_\_.
- E) The lower part of the city of Mohen Jodaro had the \_\_\_\_\_ houses of the people.

Q2- Write one word:-

- A) Part one of the city was build on a raised ground.
- B) A huge structure of 46 metres long and 15 metres wide used to store food grains.
- C) A script written in the form of pictures.
- D) A seated figure of a male god having three faced.
- E) Mounds of the dead.

Q3- Answer the followings:-

- A) Explain the religious life of Indus people.
- B) Explain the features of the great public bath of Mohen Jodaro.
- C) What was the most important occupation of Indus people?
- D) Write about the reasons of decline of Indus valley civilization.
- E) Explain how did the Indus people care for the play things of children.
- F) Write the names of two contemporary civilization of the Indus valley civilization.
- G) Write two reasons which show that the Indus valley people had a good sense of town planning.
- H) Describe the contribution of Indus valley civilization.
- I) What did R.D.Banerjee discover?
- J) Writing detail about food and cloths of the Harappans.

Q4- Write true false:-

- A) The Harappan people knew the art of bead making.
- B) The Indus valley people did not believe in life after death.
- C) The Harappan civilization was urban.
- D) The Indus valley people did not believe in magic.
- E) More than two thousand seals have been found at different sites of the Indus valley.

## **ART & CRAFT**

**Drawing:** - Village scene with colouring (any colour)

**Craft:** - Pen holder



PUNJABI

PUNJABI HOLIDAY HOME-WORK

Class - VI

I) ਮਿੱਥਾਂ ਦੇ ਰਿਮੀ ਦਸ ਸ਼ਹੀਦਾਂ ਦੇ ਨਾਮ  
ਤਸਵੀਰਾਂ ਕਾਲ ਲਿਖੋ।

II) ਹੇਠਾਂ ਲਿਖੇ ਸ਼ਬਦਾਂ ਨੂੰ ਵਾਰਾਂ ਵਿਚ ਵੰਡੋ।

1) ਸ਼ੇਰ                      3) ਬੱਚੇ                      5) ਚੌਮਤੀ

2) ਗੀਤ                      4) ਯਤਨ                      6) ਕਲਮ

III) 'ਮੇਰਾ ਘਰ' ਉੱਤੇ ਦਸ ਕਾਈਨਾਂ ਦਾ ਲੇਖ  
ਲਿਖੋ।

## गुरु हर राय अकादमी

### विषय – हिन्दी

#### कक्षा – 6

#### अभ्यास कार्य (1)

#### खण्ड 'क'

- 1- ऑनलाइन अध्ययन से सम्बन्धित अनुभव का सचित्र वर्णन करें।
- 2- 'दढ़ इच्छाशक्ति' इस विषय पर रचानात्मक (कहानी) लेख लिखें।
- 3- दिए गए सही वाक्यों के सामने ( ) और गलत वाक्यों के सामने ( ) का चिन्ह लगाइए-

- 1) हिंदी भारत की राजभाषा है।
- 2) लिखने की विधि के दृंग को व्याकरण कहते है।
- 3) लिपि भाषा को शुद्ध बनाती है।
- 4) आ, ए, ऐ, दीर्घ स्वर कहलाते है।
- 5) वर्णों के तीन प्रकार होते हैं।
- 6) स्+र व्यंजनों के मेल से 'श्र' बना है।

4- उचित शब्दों द्वारा रिक्त स्थानों की पूर्ति कीजिए-

- 1) भाषा के मुख्यतः से रूप प्रचलित है..... तथा..... ।
- 2) जिन स्वरों के उच्चारण में कम समय लगता है उन्हें.....स्वर कहते हैं।
- 3) भाषा शब्द संस्कृत की..... धातु से बना है।
- 4).....एक से अधिक व्यंजनों के मेल से बनते है।
- 5) देवनागरी लिपि का जन्म .....लिपि से हुआ है।
- 6) व्यंजन ध्वनियों के उच्चारण में.....की सहायता लेनी पड़ती है।
- 7) पाँच ऐसे शब्द लिखिए जिनमें संयुक्त व्यंजनों का प्रयोग किया गया है।

खण्ड 'ख'

1- निम्नलिखित शब्दों के अर्थ लिखिए

- |         |            |        |
|---------|------------|--------|
| 1- दूषण | 2- अवहेलना | 3- धीर |
| 4- लक्ष | 5- उन्मुख  | 6- नीर |

2- निम्नलिखित प्रश्नों के सही उत्तर पर ( ) लगाइए-

(क) वीर स्वभाव के लोग कैसे होते हैं।

- 1) झगड़ालू  2) वाचाल
- 2) अवसरवादी  4) धीर एवं गम्भीर

(ख) कवि ने किस तरह जीने या मरने को कहा है-

- 1) धनवान की तरह  2) आलसी की तरह
- 3) वीर की तरह  4) गरीब की तरह

3- 'वीर की तरह' इस कविता में कवि 'श्रीकृष्ण सरल' ने क्या शिक्षा दी है।

4- कवि 'श्रीकृष्ण सरल' द्वारा रचित कविता (वीर की तरह) की प्रथम आठ पंक्तियाँ याद करें।

गुरु हर राय अकादमी  
विषय – हिन्दी

कक्षा – 6

अभ्यास कार्य (2)

खण्ड 'क'

- 1- निम्नलिखित प्रश्नों के उत्तर दीजिए –
- 1- 'वर्ण' किसे कहते हैं?
- 2- पर्यायवाची तथा विलोम में अन्तर उदाहरण सहित लिखिए?
- 3- लिपि किसे कहते हैं?
- 4- अनुस्वार को उदाहरण सहित परिभाषित कीजिए?
- 2- दिए गए शब्दों का वर्ण- विच्छेद करके लिखिए—
  - 1- संस्कृत
  - 2- गीता
  - 3- परिश्रम
  - 4- विज्ञापन
  - 5- व्याकरण
  - 6- अक्षर
- 3- निम्नलिखित शब्दों के दो-दो पर्यायवाची शब्द लिखें—
  - 1) चंद्रमा
  - 2) किनारा
  - 3) उपवन
- 4- निम्नलिखित शब्दों के विलोम शब्द लिखिए—
  - 1) आस्तिक
  - 2) गंभीर
  - 3) उतार
  - 4) इष्ट
  - 5) जड़
  - 6) अमृत
- 5- निम्नलिखित शब्द समूहों के लिए एक शब्द लिखिए—
  - 1) पर्वत पर रहने वाला
  - 2) जिसका कोई शत्रु न हो।
  - 3) जो आँखों के सामने हो।
  - 4) जानने की इच्छा रखने वाला।

खण्ड 'ख'

- 1- निम्नलिखित शब्दों के अर्थ लिखिए—
  - 1) क्षणों
  - 2) अंतरात्मा
  - 3) पाबंदी
  - 4) पाई
  - 5) कृतघ्न
  - 6) कोसा
- 2- निम्नलिखित प्रश्नों के उत्तर एक शब्द में लिखें—
  - 1) रसोई में कितने नींबू रखे थे?
  - 2) स्वामी के मित्रों के क्या नाम थे?
  - 3) दादी ने स्वामी को कितने पैसों दिए?
- 3- 'स्वामी की दादी' इस प्रसिद्ध बाल उपयान्स के लेखक 'आर०के० नारायण के जन्म रचना तथा मृत्यु के विषय में बताइए।

गुरु हर राय अकादमी

विषय - संस्कृत

कक्षा- 6

अभ्यास कार्य - 1

1. निम्नलिखित वाक्यों का संस्कृत में अनुवाद कीजिए -

- क) वह जाता है।
- ख) वे दोनों खाते हैं।
- ग) फल गिरता है।
- घ) वे खेलते हैं।
- ड.) वे सब खाते हैं।

2. निम्नलिखित वाक्यों का हिन्दी में अनुवाद कीजिए -

- क) रामः गच्छति।
- ख) बालकाः पठन्ति।
- ग) बालिके पठतः
- घ) अश्वाः धावन्ति।
- ड.) छात्रों खादतः।

3. अयोगवाह कौन- कौन से हैं? उनका प्रयोग करते हुए दो- दो शब्द लिखिए।

4. निम्नलिखित शब्दों का वर्ण - विच्छेद कीजिये-

- १) बालकः २) लता ३) चित्रम ४) वृक्षः

5. रिक्त स्थानों की पूर्ति कीजिए -

- १) संस्कृत भाषा में वर्ण \_\_\_\_\_ प्रकार के होते हैं।
- २) संस्कृत वर्णमाला में स्वरों की संख्या \_\_\_\_\_ है।
- ३) संस्कृत भाषा की लिपि \_\_\_\_\_ है।
- ४) \_\_\_\_\_ स्वर का दीर्घ रूप नहीं होता है।
- ५) 'क' से 'म' तक के व्यंजन \_\_\_\_\_ व्यंजन कहलाते हैं।

6. 'भू' धातु का लङ्ग लकार (भूतकाल) का रूप लिखे।

7. 1 से 10 तक गिनती संस्कृत भाषा में लिखे।

8. 'पुस्तकम्' इस अकारान्त नपुंसकलिंग शब्द का प्रथमा से पंचमी विभक्ति तक रूप लिखें।

9. निम्नलिखित पशुओं के नाम संस्कृत में लिखें -

१) घोड़ा २) बैल ३) शेर ४) बाघ

### अभ्यास कार्य - 2

1. निम्नलिखित वाक्यों का हिंदी में अनुवाद कीजिए-

क) त्वं छात्रः असि।

ख) त्वं लिखसि।

ग) युवां खादथः।

घ) युवां धावथः।

2. निम्नलिखित वाक्यों को शुद्ध कीजिए -

क) त्वं खादति।

ख) यूयं गायति।

ग) युवां लिखन्ति।

घ) यूयं गच्छसि।

3. निम्नलिखित शब्दों के अर्थ लिखिए -

क) सः ख) पतति ग) गच्छति घ) स्थः ड.) त्वं च) असि

4. सुभाषितानि से सम्बंधित दो श्लोको को अर्थ सहित लिखें।

5. 11 से 20 तक की गिनती संस्कृत भाषा में लिखें।

6. 'वनम्' इस अकारान्त नपुंसक लिंग शब्दों का प्रथमा से पंचमी तक रूप लिखें।

7. 'गम' का लृट लकार (भविष्यकाल) का रूप लिखें।

8. निम्नलिखित पशु-पक्षियों के नाम हिन्दी में लिखें।

क) मयूरः ख) काकः ग) गजः घ) उष्ट्रः