# St. Mary's School, Dwarka <br> Holiday Homework <br> Class VIII <br> Week 2 <br> Worksheet 2 

## Subject: English

## Q1. Read the following passage carefully:

Many animals are able to communicate with each other very well-but none of them can talk as we do. That is, animals cannot speak and therefore cannot use words.

Birds cry out and make sounds that other birds understand. Smells, movements, and sounds are used for communication by animals. They express joy or anger or fear through these.

Human speech is a very complicated process, which no animal can perform. One reason is that in a very special way we use a whole series of organs to produce the sounds we want to make when we utter words. The way our vocal cords are made to vibrate, the way the throat, mouth and nasal cavities are adjusted, the way the lips, teeth, lower jaw, tongue, and palate are moved just to make vowel and consonant sounds, is something animals can't do. They cannot produce a whole series of words to make a sentence. And there is another, perhaps more important reason why animals can't talk. Words are only labels for objects, actions, feelings expressions and ideas. For example, the word' bird' is a label for a living, flying object. Other words describe its colour, shape, flying and singing. Still other words would be used to tell what the speaker thinks or feels about the bird or its actions.

For human beings, therefore, the use of words means the use of labels or symbols, and then organizing them in a certain way to communicate something. This requires a degree of intelligence and logical thinking that no animals have. So, they can't talk the way people do.

On the basis of your reading of the above passage, answer the following questions:
I. Communication in animals takes place through $\qquad$ .
a) smells, movements and sounds
b) sitting. flying and smells
c) running. sitting and sounds
d) eating, movements and sounds
II. What are the emotions which are expressed by birds during communication?
a) love. hate or joy
b) joy. fear or anger
c) jealously, zeal or surprise
d) trust. disgust and awe
III. Animals cannot perform human speeches at it is a $\qquad$ process.
a) complete
b) easy
c) complicated
d) confused
IV. What do the human beings require to use words properly?
a) a degree of graduation
b) sound and logical thinking
c) imagination and intelligence
d) intelligence and logical thinking
V. Which word is similar in meaning to the word 'complicated'?
a) intricate
b) lucid
c) uninvolved
d) unravelled

Q2. You are Raj /Rajika. Your mother's friend, Mrs Chopra called to inform your mother that she needs to reach The Taj Hotel for a meeting hosted by the Women's Welfare Association at 8 p.m. tomorrow followed by dinner. Write a message for your mother as she was out for an evening walk and you have to leave for your piano class.

Q3. You are Pulkit / Nikita living at A -405 , Vijay Laxmi Apartments, Lajpat Nagar, Delhi. An International Book Fair is going on in your city. Write a letter to your friend Abhinav, in about 120 words, who lives in Bangalore, inviting him to come and stay with you and visit the Book Fair.

Q4. "A mother's love for her child is like nothing else in the world. It dares all things and crushes down remorselessly all that stands in its path."- Agatha Christie
Design a poster on 'Mother's Day' on an A/4 sheet. Make your poster colourful and attractive. Write relevant slogans and quotes also.

Q5. Fill in the blanks using appropriate words.
One Sunday afternoon, my wife had gone to the grocery shop (a) $\qquad$ I was at home with my two-year-old daughter. (b) $\qquad$ my daughter fell asleep, I decided to read a book. (c) $\qquad$ I was reading, I suddenly heard a sound as loud as thunder. The room swayed as if shaken by giant hands. I could not hold onto something(d) $\qquad$ I was flung across the room.

Q6. Choose the correct option to fill in the blanks.
(i) Those are probably the $\qquad$ curtains in the store.
a) fancyest
b) fanciest
c) most fancier
d) fancy
(ii) The valleys tend to be $\qquad$ than the hilltops during the snowfall.
a) foggy
b) foggier
c) more foggier
d) most foggier
(iii) The parents are excited but their children are $\qquad$ .
a) more excited
b) excited
c) most excited
d) exciteder
(iv) My father's cooking is $\qquad$ than my mother's.
a) more good
b) good
c) best
d) better
(v) Ice hockey is $\qquad$ sport than basketball and tennis.
a) more dangerous
b) the most dangerous
c) dangerouser
d) dangerous

Q7. Fill in the blanks with the correct form of the word given in the bracket.
Priyam (a) $\qquad$ (go) to the Taj Holiday Village, Cochin with her parents for a holiday. She gets a call from her grandmother (b) $\qquad$ (ask) her what were they doing. Priyam (c) $\qquad$ (tell) her grandmother that her mother (d) $\qquad$ (read) a book while she was making sand castles.

Q8. Fill in the blanks with suitable words.
( $1 / 2 \times 4=2$ )
Once there was a greedy dog. He went (a) $\qquad$ search of food. He stood (b) $\qquad$ a meat shop. He stole a large piece of meat. He ran away(c) $\qquad$ it. On the way, there was a stream. It had a bridge (d) $\qquad$ it. The dog was crossing the bridge. He saw his own reflection in the water.

Q9. Answer the following questions briefly.
a) What two changes take place when we cross the boundaries of our own native countries?
b) Why is there a conflict between the natives and foreigners?
c) Who is a coroner? Why does he get involved?

Q10. Solve the following puzzle with the help of the clues given below.

Adverbs Puzzle


## ACROSS

2. adverb of time
3. adverb of manner
4. adverb of affirmation

DOWN

1. adverb of degree
2. adverb of frequency
3. adverb of place

प्रश्न 1 अपठित गद्यांश की पढ़क्र निम्न प्रश्नों के उत्तर दीजिए-
प्राचीन युग की बात है। एक प्रसिद्ध गुरूकुल था।उसके आचार्य बहुत विद्विन थे। एक बार उन्होने अपने शिष्यों की परीक्षा लेनी चाही।उन्होंने सभी शिष्यों को गुरूकुल के प्रांगण में एकत्रित किया और उनसे कहा, "हे प्रिय छात्रो! भैने तुन्हें यहाँ एक विशेष प्रयोजन से बुलाया है। मेरे सामने एक समर्या आ गई है। मेरी कन्या विवाह योग्य हो गई है और विवाह करने के लिए मेरे पास्स पर्याप्त धन नहीं है। मेरी समझ में नहीं आ रहा है कि मैं क्याकरूँ।"कुछ विद्यार्थी आगे बढ़कर बोले,"हम अपने माता-पिता से धन माँग लाएँगो। आप उस्से गुरू दक्षिणा के रूप में स्वीकार कर लीजिएगा।" आचार्य बोले, "नही,,मै चाहता हूँ कि तुम धन तो ले आओ, पर मॉगकर नर्ही। तुम इस्स प्रकार लाओ कि किसी को पता भी न चले और काम भी हो जाए। इससे मेरा काम भी हो जाएगा और लाज भी रह जाएगी।
1 आचार्य ने धन लाने के लिए क्या उपाय बताया?
2 आचार्य की क्या समर्या थी?
3 छातों ने आचार्य के समर्या का हल किस प्रकार प्रकार किया?
4 गुरूकुल के आचार्य कैसे थे ?
5 गुरू जी ने अपने शिष्यों को क्यों एकत्रित किया?
6 'प्राचीन' शब्द का विलोम शब्द लिखिए।
7 'विद्यार्थी' शब्द का संधि -विच्छेद कजिए।
(1)

## प्रश्न 2 अपठित गद्यांश की पढ़कर निम्न प्रश्नों के उत्तर दीजिए-

कुछ लोगों का आज भी मानना है कि खेलने-कूदने से समय नष्ट होता है, स्वार्थ्य बनाने के लिए व्यायाम कर लेना ही काफी है। पर अपने अनुभव से मैं कह सकता हूँ कि यह विचार ठीक नहीं। खेल-कूद से स्वार्थ्य तो बनता ही है, साथ ही साथ मनुष्य कुछ ऐसे गुण भी सीखता है, जिनका जीवन में विशेष महत्त्व है और जो केवल व्यायाम की अपेक्षा खेलकूद से ही अधिक प्राप्त हो सकता है। लोग सफलता न पाने पर साहस छोड़ बैठते हैं और दुबारा साहस नर्ही करते। परंतु अच्छा खिलाड़ी उन बातों को सीखता है जो नागरिक की समर्या सुलझाने में सहायता प्रदान करती है। अतः हमें व्यायाम तो करना ही चाहिए परन्तु साथ ही साथ तरह-नरह के खेल भी खेलने चाहिए ताकि शारीरिक विकास के साथ-साथ हमारा मानसिक विकास भी हो सके।
1 खेल-कूद के बारे में लोगों का क्या मानना है?
2 खेल-कूद से क्या लाभ होता है?
3 अच्छा खिलाड़ी क्या सीखता है?
4 सफलता न पाने पर लोगों का क्या हाल होता है?
5 शारीरिक तथा मानसिक विकास्त के लिये क्या-क्या आवश्यक है?
6 'व्यायाम' और 'विकास' शब्द का वर्ण-विच्छेद कीजिए।
7 'सफलता' शब्द में से मूल शब्द और प्रत्यय अलग कीजिए।

प्रश्न 3 निम्नलिखित पठित काव्यांश पर आधारित प्रश्नो के उत्तर्र दीजिए।
अभी न होगा मेरा अंत
अभी -अभी ही तो आया है
मेटे वन में मृदुल वसंत-
अभी न होगा मेरा अंत।
हरे -हरे यो पात,
डालियाँ ,कलियाँ ,कोमल गात ।
नैं ही अपना स्वप्न-मृदुल कर
फेख़ँगा निद्रित कलियों पर
जगा एक प्रत्यूष मनोहर।
1 कवि को ऐसा क्यों लगता है कि उनका अभी अंत नहीं होगा?
2 कवि ने पत्तों डालियों तथा कलियों की क्या विशेषताएँ बताई हैं?
3 कवि कलियों के साथ क्या करना चाहते है?
4 'मृदुल'शब्द का अर्थ लिखकर वाक्य बनाइए।
5 'लालसा'शब्द के दो पर्यायवाची शब्द लिखिए।
6 'अंत' शब्द का विलोम शब्द लिखिए।
प्रश्न 4 निम्नलिखित पठित गद्यांश पर आधारित प्रश्नों के उन्तर दीजिए।
बदलू मनिहार था ।चुड़ियाँ बनाना उसका पैतृक पेशा था और वास्तव में वह बहुत ही सुंदर चुड़ियाँ बनाता था।उसकी बनाई चूड़ियों की खपत भी बहुत थी।उस गाँव में तो सभी स्त्रियाँ उसकी बनाई चूड़ियाँ पहनती ही थी आस्स - पास्त के गाँवों के लोग भी चुड़ियाँ ले जाते थे।परंतु वह कभी भी चुड़ियों को पैस्सों से नह्ही बेचता था।उसका अभी तक वस्तु -विनिमय का तरीका था और लोग अनाज के बदले उसरे चूड़ियाँ ले जाते थे। बदलू स्वभाव से बहुत सीधा था। मैने कभी भी उस्से किसी से झागड़ते नही देखा।हाँ , शादी - व्याह के अवसर्टों पर अवश्य जिद्द पकड़ लेता था।

1 बदलू कौन था और वह कौन-सा काम करता था?
2 बदलू की बनाई चुड़ियाँ कौन-कौन पहनता था?
3 वर्तु -विनिमय का अर्थ क्या है ?
4 बदलू का स्वभाव कैसा था?
5 गद्यांश में से योजक लगे शब्द छाँटिए।

## Subject- Mathematics

Q.1) Simplify the following:
(i) $0.8 \times 0.009$
(ii) $0.678 \times 860$
Q.2) Evaluate: $4.346-1.16-3.024+2.3$
Q.3) Find the reciprocal of $\frac{1}{2}-\frac{3}{4}$.
Q.4) Find the value of $(5 x)^{3}$ when $x=-2 / 5$
Q.5) Add: $3 a+5 b-4 c$ and $2 a-5 b-4 c$
Q.6) Subtract $7 m^{2}+m n-4 n^{2}$ from $5 m^{2}-3 m n+n^{2}$
Q.7) Express the following in power notation: (i) 343 (ii) 1331
Q.8) Write the coefficient of:
(i) $x y$ in $-4 x y z$
(ii) a in $\frac{2}{3} \mathrm{a}$
Q.9) Find the cost price of an article if its selling price is Rs. 8 and loss $\%=20 \%$.
Q.10) Construct the following angles using compass:
(i) $45^{\circ}$
(ii) $105^{\circ}$
(iii) $120^{\circ}$
Q.11) The cost of 22.5 m cloth is Rs. 1350 . Find the cost of $27 / 4$ metres of cloth.
Q.12) If the ratio of the cost price and selling price of an article is $5: 6$, find the gain percent.
Q.13) At what rate of S.I. will a sum of money double itself in 20 years?
Q.14) The product of two numbers is $\frac{16}{3}$. If one of the numbers is $\frac{-26}{3}$, find the other number.
Q.15) Express $12 \%$ as a : (i) fraction
(ii) decimal
(iii) ratio
Q.16) Sunil obtained 750 marks out of 800 and Preeti obtained 540 marks out of 600 . Whose performance is better?
Q.17) Find the loss percent if the selling price is Rs. 20 and the total loss is Rs.5.
Q.18) Draw a rough sketch of two lines intersected by a transversal and write any two pairs of :
(i) corresponding angles (ii) alternate interior angles and (iii) co-interior angles
Q.19) Construct a $\triangle A B C$ in which $\mathrm{AB}=7 \mathrm{~cm}, \mathrm{BC}=9 \mathrm{~cm}$ and $\mathrm{AC}=6 \mathrm{~cm}$. Write the measurement of all three angles also.
Q.20) Find: (i) area of a triangle whose base is 9.6 cm and the corresponding altitude is 5 cm .
(ii) Altitude of a triangle whose area is $45 \mathrm{sq} . \mathrm{cm}$ and base is 15 cm

## Subject-Science

## Objective:

Ø Revision of concepts
Ø Application of the concepts to real life situations.
Ø Skills to carry out research work and develop scientific aptitude

## Instructions:

*Neatly write all the answers in your science notebook.
*Attempt the questions keeping in mind the weightage of each question.
*Assignment ‘Summer Holiday Homework' will be created on TEAMS a PDF of handwritten work should be uploaded on it.

## Worksheet 2 -Physics

1. Figure shows a teenage boy applying a force to push a ball and a young boy applying a force to pull a kite. Write the effect of the forces exerted in both the situations.

2. A block of mass 2 kg tied with a rope is going down under the force of gravity of 20 N as shown in the diagram. How much force is required by the hand to stop the motion of the block?

3. Two persons are applying forces on two opposite sides of a moving cart. The cart still moves with the same speed in the same direction. What do you infer about the magnitudes and direction of the forces applied?
4. A girl is pushing a box in the east direction. In which direction should her friend push the box so that it moves a) faster b) slower in the same direction?
5. An archer shoots an arrow in the air horizontally. However, after moving some distance, the arrow falls to the ground. How many forces are acting on the arrow in the situation given above? Write the effect of each force on the arrow.
6. Give one example each for the following effects of force where :
a) force changes the speed of a moving object.
b) force changes the direction of a moving object.
c) force stops a moving object.
7. Fill the following table by calculating the net (resultant) force.

| Forces acting on the table | Balanced or unbalanced | Resultant force | Direction of the net force (left or right) |
| :---: | :---: | :---: | :---: |
| $\underset{500 \mathrm{~N}}{\leftrightharpoons} \square 75 \mathrm{~N}$ |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

8. Forces are everywhere! You use force to pull a door handle, park a bike, or even stir soup! When you make something move, you exert force on the object. Look at the pictures below and describe how the person is exerting force and name the type of force.


9. How is the strength of the force expressed? In a tug of war game, members of Team A pull with a force of $100 \mathrm{~N}, 115 \mathrm{~N}, 125 \mathrm{~N}$. Team B pulls with a force of $105 \mathrm{~N}, 130 \mathrm{~N}, 115 \mathrm{~N}$. How much is the total force applied by each Team? Which team will get the rope and why?

## Worksheet 2 - Chemistry

1. Name the polymer in cotton.
2. The artificial polymer has a shine as silk and is commonly known as artificial silk. Identify the polymer.
3. Terrycot is made by mixing two fibres. Name the two fibres used.
4. Burning of plastics and synthetic fibres causes air pollution. Give two points to support the statement.
5. Nylon is used for making climbing ropes used by mountaineers. Can you tell why nylon is selected for the purpose of making climbing ropes and not cotton and jute?
6. Synthetic fibres brought a revolution in the textile industry. Enlist three points to explain the statement.
7. A polymer is composed of many repeated units of monomers. What is polyester, cotton and silk composed of?
8. Write two advantages each of
(a) Nylon over rayon
(b) Acrylic over polyester
9. Study the difference of characteristics of natural and synthetic fibre on the basis of absorption of water and strength and complete the table:

| Types of cloth | Cotton | Wool | Nylon | Chiffon |
| :--- | :--- | :--- | :--- | :--- |
| Absorption of <br> water |  |  |  |  |
| Strength |  |  |  |  |

10. Mrs. Bose makes sure that the sarees and dresses made of silk are sent to the laundry to be dry washed whereas synthetic clothes are washed at home. Why do you think that Mrs. Bose takes special care in the washing of silk clothes?


## Worksheet 2 - Biology

1. What do you mean by 'crop of wheat'?
2. There is a rich variety of crops grown in different parts of India. Why?
3. How does loosened soil help the growth of microbes and earthworms?
4. Why is maize not grown in the winter season?
5. What are major agricultural implements used to level the land before sowing seeds? Why?
6. How do farmers decide on the kind of crop to be grown?
7. Write short note on
(i) Hoe
(ii) Plough
8. What are the advantages of modern methods of farming over traditional methods? (3)
9. Turning and loosening of soil are the important steps in the preparation of soil. Explain.
(3)
10. Segregate the following crops into kharif and rabi crops: Rice, wheat, soyabean, gram, pea, mustard, linseed, groundnut, Jowar, millet.

## Subject: Social Science

## General Instructions:

$>$ The work should be done neatly and in a systematic way.
$>$ The given worksheets are to be done in S.ST (red) notebook.
$>$ Mention the number of worksheet while doing the work.
$>$ Write questions along with the answers and number them correctly.

## Worksheet 2-History

Max Marks: 20

## Answer the following questions:

Q1. Which one of the sources do historians use in writing about 250 years of Indian history?
a) Official records of the French administration
b) Official records of the British administration
c) Official records of the Portuguese administration
d) Official records of the Dutch administration

Q2. In which year was the first census of India conducted?1

Q3. Which is NOT the source of describing history?
a) Diaries written by the people
b) Conversation between two people
c) Accounts of pilgrims and travellers
d) Autobiographies and Biographies

Q4. How are films an important source of study of history of a period?
Q5. Who wrote the book 'Poverty and Un-British Rule in India'. What does this book highlights? 1


Q6. What are topographic maps?


Q8. Differentiate between a biography and an Autobiography with examples.

## Q9.


a) Identify the monument and where is it located?
b) Who was its chief architect?
c) Why was it constructed?
d) Which monument of Paris does it resemble?
e) What was the first main event that took place at the Gateway of India?

Q10. Mark and label the following on the physical map of India.

1. The place where the British first landed in India for trade.
2. Two main trading centres of French in India.
3. The place where Portuguese explorer Vasco de Gama reached India.
4. The place where Dutch founded its first factory in India.

## Worksheet 2 -Civics

## Answer the following questions:

Q1. The Untouchability Offences Act was passed in the year $\qquad$ .

1
a) 1950
b) 1955
c) 1961
d) 1965

Q2. In the constitutional framework of India, who interprets the law? 1
Q3. What are 'Directive Principles of State Policy'?

$$
\begin{aligned}
& \text { Directive } \\
& \text { Principles of } \\
& \text { State Policy } \\
& \text { [DPSP] }
\end{aligned}
$$



Q4. Explain the term 'Sovereignty'.
Q5. 'Everyone is not given the right to vote in the Indian elections.' List two cases where the right to vote can be denied to the Indian citizens.
Q6. List two reasons why do we need a speaker in Lok Sabha.
Q7. What could happen if:
a) there was no written constitution
b) there was no rule to guide the students in a school

Q8. Match the following columns.

Column A

1. Ability to reside anywhere in India
2. Schools maintained for minority communities
3. Prohibition of human trafficking
4. No discrimination in public employment
5. No state religion
6. This makes other rights effective

## Column B

a) freedom of religion
b) right against exploitation
c) right to Constitutional Remedies
d) right to freedom
e) cultural and educational rights
f) right to equality

Q9. 'Two members of Lok Sabha are nominated by the President to represent the Anglo-Indian community.' Who are Anglo-Indians? Find out which two Anglo-Indian members are nominated by the President in the present Lok Sabha.

a) Identify the political leader. Which state she belongs to?
b) What is the name of her party. Draw her election symbol.
c) Define the term 'Constituency'. How many constituencies the state is divided for the Legislative Assembly elections which happened recently in the state.

## Worksheet 2 -Geography

## Answer the following questions:

Max Marks: 20
Q1. What is Human Resource Development? 1
Q2. What helps in making people a valuable resource? 1
Q3. Write any two factors on which the distribution of the natural resources depend? 1
Q4. Match the following: 1

| (A)Land Use | (i) | Prevent soil erosion |
| :--- | :--- | :--- |
| (B) Humus | (ii) | Land suitable for agriculture |
| (C) Rock dams | (iii) | Productive use of land |
| (D) Arable Land | (iv) | Organic matter deposited on top <br> soil |

Q5. Take two trays A and B of the same size. Make six holes in the end of these trays and then fill them with the same amount of soil. Leave the soil in tray A bare while growing grass in tray B. When the grass in tray B has grown few centimetres high, place both the trays in such a way that they are on a slope. Pour one mug of water from the same height into trays. Collect the muddy water that trickles down the holes of both trays in two separate containers.
Compare how much soil is washed out of each tray tray and why?


Q6. Earthquake-A case study

(a) Read the 'Earthquake - A case study' given in the form of headlines that appeared in the newspapers after the quake. Arrange the events in the right sequence of their happening.
(b) Imagine if a quake suddenly shook in the middle of the school day, where do you go for safety?

Q7. What do you understand about Slash and Burn?
Q8. Mention any two major factors of soil formation. 3
Q9. Observe the land, type of soil, and water availability in the region you live. Throw some light how it has influenced the lifestyle of people there. 3
Q10. https://www.youtube.com/watch?v=gimg8449uaU
Click on the above link and watch the full video to answer the following questions:-
(a). "Resource depletion is a major problem in the world today. Many resources that we rely on in our everyday lives are being used up at an alarming rate". What can we do to prevent this rapid depletion of the resources?
(b). How does overconsumption of the resources affect us?

## Subject - Sanskrit

## प्रश्न 1 अधोलिखितं गद्यांशं पठित्वा प्रश्नान् उत्तरत -

एकदा एकः सैनिकः एकं शिशुम्म् बाहुम्याम् नीत्वा एकर्य नृपर्य सभायाम् आगच्छत्। द्वे नार्यौं च तेन सह अगच्छताम् | शिथुम् भूमौ निक्षिप्य सैनिकः नृपमवदत्- "महाराज, द्वे नार्यौ शिशो॰ कारणेन परसपरं कलहं कुरूतः।प्रथमा कथयति— एषः मम पुत्रः। द्वितीया कथयति- एषः मम पुतः।न्यायार्थमहं द्वे नार्यौं अत्र
 आकर्णयत् | अल्पात् कालात् पश्चात् सः नृपोडवदत्- "हे चैनिकः! खडगोन शिथुं द्वयो॰ खण्डयो॰ कृत्वा एकमेकं खण्डं नारीभ्याम् यच्छ। सैनिकः खडवां करे धृत्वा शिशुं प्रति अचलत्।तं दृष्ट्वा एका नारी नृपस्य समक्षं भूमौ पतित्वा अवदत्- "महाराज! कृपालु भव।शिशोः खण्डं का कुरू। मम शिथां रक्ष। अहम् मम
 च दृष्टवा नृपोऽवदत्- "एषा नारी सत्यंवदति। सा शिशो॰ जननी। द्वितीया असत्यम् वदति। प्रनायै शिशुं यच्छ | द्वितीया बन्दीगृहं नयू | "सैनिकः प्रथमायै नार्यै शिशुम् अयच्छत् | सः द्वितीया बन्दीगृहमनयत् |

## एक्र पदेन उ़त्तरत -

(क) नृपच्य सभायाम् कःआगच्छत्?
(ख) सैनिकःकम् भूमौ निक्षिप्य नृपमवदत् ?
(ग) के नृपर्य न्यायं प्रशांसन्ति सम्म ?
(घ) एका नारी कर्या समक्षं भूनौ पतित्वा अवदत् महाराज कृपालु भव ?

## पूर्णवाक्येन उत्तरत -

(क) द्वे नायौ किमर्थम् कलहं अकुरूताम् ?
(ख) सैनिकः खडगां करे धृत्वा कुत्र अगच्छत् ?
निर्देशानुसारेण उत्तरत -
(क) 'सैनिकः ' पदे प्रयुक्तं विभक्ति वचनं च लिखत।
(ख) 'न्यायप्रिये नृपष ' इति पदस्य विशेषणं विशेष्यां च लिखत।

## प्रश्न 2 अधोलिखितं गद्यांशं पठिन्वा प्रश्नान् उत्तरत -

हिमालयः पर्वतराज॰ अस्ति। पर्वतेषु श्रेष्ठत्वाद् अयं पर्वतराज॰ नगाधिराजो वा कथ्यते। एषः भारतस्य उत्तरदिशायां स्थितः अस्ति। हिमालयर्य शिखराणि अति उन्नतानि सन्ति। एवरेस्ट गौरीशड्करादीनि शिखराणि जगति प्रसिद्धानि उन्नतानि च सन्ति। एतानि शिखराणि सम्पूर्णवर्षे हिमेन आच्छादितानि भवन्ति। हिमेन आच्छादितन्वात् पर्वतोऽयं हिमालयः कथ्यते। हिमालयात् बहवः नद्यः निस्सरन्ति। यथा- गंड्गा, यमुना, शतद्रु, विपाशा॰, इरावती, चन्द्रभागा, वितस्ता, ब्रह्टपुन्रादय॰। एतार्सां नदीनां वारि मारतर्य भूलिंचने महतू कार्य करोति। एवं हिमालयः फलोक्पादने, अन्नोत्पादने च सहायो भवति। अर्मात् उदभूता॰ नद्य॰ अस्माकं देशं शर्यश्यामलं कुर्वन्ति। हिमालय॰ भारतर्य रक्षकः अस्ति। हिमालयस्य हिमेन आच्छादितानि उन्नतानि शिखराणि उत्तरदिशायां शत्रुभ्य॰ मारतं रक्षन्ति। हिमालयर्य उन्नताणि शिखराणि भारतवर्षे मेघानां वर्षणे अपि सहायकानि भवन्ति। हिमालये विविधा॰ अन्यत्र दुर्लभा॰ पशवะ पक्षिणะ वनस्पतयश्च प्राप्यन्ते। अत्र विविधा॰

औषधयः वृक्षाะ धातवะ रत्नानि च भवन्ति। एतानि वर्तूनि जनान् महत् उपकुर्वन्ति। औषधयः रूठणानां रोगां दूरीकृत्य तान् स्वस्थान् कुर्वन्ति ।

## 1 एक्र पदेन उ़्तरत -

(क) कะ पर्वतराज॰ अस्ति?
(ख) हिमालयर्य शिखराणि कीदृशानि सन्ति?
(ग) नदीनां वार्टिस्य भूसिंचने महत् कार्य करोति?
(घ) हिमालयะ भारतचर्य कะ अस्ति?
2 पूर्णवाक्येन उत्तरत -
(क) हिमालयः कु习ः स्सिथतः अस्ति?
(ख) हिमालयात् कति नद्य॰ निस्सरन्ति तेषां नामानि लिखत?

## 3 निर्देशानुस्सारेण उत्तरत -

(क) 'उन्नतानि शिखराणि' अत्र विशेषणं विशेष्य पदम् च लिखत।
(ख) 'पर्वतषष' पदे विभक्तिः वचनं च लिखत।

## प्रश्न 3 चित्रम् दुष्टवा दत्वपदानां सहारायतया रिक्त सृथानानि पूरयत -

 मश्जूषा $=$ नानावर्णानि , उद्यानस्स्य, योगाभ्यास्सं, वृक्षा॰, खगा॰.

1 इदम् चित्रम् $\qquad$ उद्यानर्य अस्ति ।
2 बालकाः $\qquad$ कुर्वन्ति ।
3 उद्याने $\qquad$ पुष्पाणि विकसन्ति |
4 आकाशे उत्पतन्ति ।
5 अनेके हरिता०. $\qquad$ सन्ति ।

## Subject: Computer Science

## Chapter 1 - Introduction to Python

Q1. Fill in the blanks: -
$1 * 5=5$
a) A $\qquad$ language is machine independent and uses English like syntax that provides a user-friendly environment to develop a source code.
b) IDLE stands for $\qquad$
c) Python was developed by $\qquad$
d) The $\qquad$ allows you to enter commands directly into Python and get an instant output by pressing the Enter key.
e) In Python, $\qquad$ is used to write a comment.

Q2. Which of the following identifiers are correct?
a) $9 X=120$
b) Y-2='Hello World'
c) A_1='Welcome'
d) $\mathrm{B} \$=' 123$ '
e) $\mathrm{C} 2=34$

Q3. What will be the output of the following Python programs?
a) $S=$ 'Python Shell'
print(S)
b) >>>print(123+56)
c) $\mathrm{X}, \mathrm{Y}=15,32$ print('The product of X and Y is $=$ ", $\mathrm{X} * \mathrm{Y}$ )
d) >>>print(675/5)
e) >>>print(101.5-76)

Q4. Answer the following questions: -
a) Define programming language. Name the categories of programming languages.
b) What are keywords and identifiers in Python?
c) List any four uses of Python.
d) How can you open the IDLE (Python 3.7.0) window?
e) Why is Python considered as the language of programmers? Name some applications /apps which have been built using Python as a language.

