St. Mary's School, Dwarka
Holiday Homework
Class VIII
Week 4
Worksheet 4

Subject: English

Q1. Read the following passage carefully:

Puducherry is called the French Riviera of the East for more reasons than one. One of course, is the history as a French colony and the visible impact of French culture in the area and its people. Puducherry's sheer beauty is very reminiscent of the coast line of the Cote d'Azur.

The French Quarter is one attraction of Puducherry you just should not miss out on. Almost everything here is a remnant of the glorious past of the French and a gorgeous sight. Taking a guided heritage walk is a great way to explore area and learn more about it. You will find street signs in the language, expats who have made the place their home for many years now and beautifully constructed roads and buildings, all in the heart of the Indian town.

Puducherry is known for its pristine beaches, French architecture and heritage structure. The most famous of its sights, of course, is the Shri Aurobindo Ashram or Auroville. Located on the Rue de la Marina, the Ashram was built in the early 19th century by Shri Aurobindo, who had fled to Puducherry from the British. Here, he discovered his spiritual side and his own philosophy of life and salvation. His teachings inspired many, including a Frenchwoman called Mira Alfassa, who stayed on with him to help develop the ashram. She came to be known as 'The Mother'. Today, the remains of both Shri Aurobindo and the Mother lie in the main building of the Ashram, whose fame has spread far and wide, attracting thousands of visitors every year.

On the basis of your reading of the above passage, answer the following questions: (½ x 5 = 2.5)

1.Which place in France is Puducherry compared?

a) Cannes
b) Paris
c) Cote d'Azur
d) Monaco

II. 'Expats' have made their homes here. Who are they?
   Expats are people who _____.

a) live outside their native country
b) live in exile
c) were residents from ancient times
d) were greatly revered

III. Which one of the following words is opposite in meaning to the word 'gorgeous'

a) ravishing
b) unattractive
c) stunning
d) beautiful

IV. Which one of the following statements is **TRUE** according to the passage?

a) Puducherry is famous for its safe beaches.
b) It has beaches with white sand.
c) It has beaches where one can surf.
d) Puducherry is known for its pristine beaches.

V. Which one of the following words is similar in meaning to the word 'remnant'?

a) beginning
b) remains
c) reminder
d) souvenir

Q2. Read the following telephonic conversation between Arun and Mr. Kumar, his father's colleague.
  Write a message as Arun, informing his father about the details of the conversation**.**   **(2)**

  Mr. Kumar: Hello! May I speak to Mr. Menon please?
  Arun: Hello! I am Arun, Mr. Menon's son. My father is not at home.
                   Is there any message for him?
  Mr. Kumar: Hi, Arun, your father should reach the advocates office sharp   at 10 am tomorrow
                   and should bring the blue file which contains all the important documents.
  Arun: I shall tell him when he returns. Have a nice day, uncle!
  Mr.Kumar: Thank you Arun.

 Q3. You are Srijan / Srijoni, residing at 6, Mall Road, Vasant Kunj, New Delhi. Write a letter in about

   120 words, to your cousin telling him or her about how you spent your vacation.   **(3)**

 **Q4. Technology has revolutionized our lives but at the same time it is also the cause of many
   challenges that the world is facing. We hugely depend on technology but have lost touch with
   our roots and values.**
   Design a poster on **'Importance of Technology in Our Lives'** in your notebook. Make your poster
   colourful and attractive. Write relevant slogans and quotes also**.**   **(3)**

Q5. Fill in the blanks using appropriate words: (½ x 4 =2)

Shaun sings even **(a)** _____(beautiful) than her mother, who is a famous opera star. In fact, she has **(b)**_____ (beautiful) voice I've ever heard. My daughter cook **(c)**_____(good) than I do, but my husband cooks **(d)**_____ (better) of all of us.

Q6. Choose the correct option to fill in the blanks: (½x 5 =2.5)

(i) I _____ go to the supermarket in the evening**.**

   a). could
   b) can
   c) will
   d) dare

(ii) You _____ borrow my books for your research.

   a) need to
   b) can
   c) have to
   d) ought to

(iii) I missed my last appointment. I _____ visit the doctor this weekend.

   a) must
   b) used to
   c) can
   d) could

(iv) She _____ make any mistake. She's an expert in her field.

   a) couldn't
   b) wouldn't
   c) shouldn't
   d) might not

(v) We _____ take a detour before we reach the destination.

   a) would
   b) should
   c) might
   d) will

Q7. **Fill in the blanks with the correct form of the word given in the bracket.** **(½ x 4=2)**

A new study has **(a)** _____ (find) that birds living in cities **(b)** _____ (be) larger brains while species with smaller brains **(c)** _____ (find) almost exclusively in rural locations. Researchers**(d)** _____ (found) that birds with relatively large brains, such as crows and magpies inhabit urban areas.

Q8. Fill in the blanks with suitable words: **(½ x 4=2)**

The impact of the earthquake was great **(a)** _____I was not seriously hurt. Just then the doorbell rang. It could be my wife **(b)** _____ the housemaid who usually comes at this time, I thought. It was my wife. She was terrified to see me in that condition. She ran to the bedroom to see **(c)** _____our daughter was safe **(d)** _____ not. Thankfully, she was still sleeping peacefully.
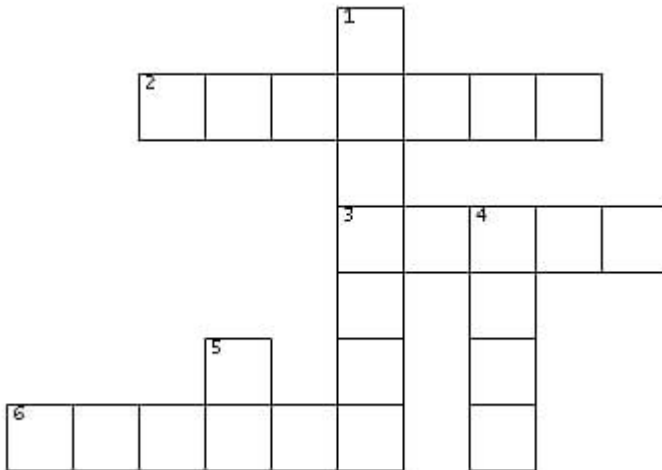
Q9. Answer the following questions briefly: **(1x 3 = 3)**

a) How is a foreigner different from a native?
b) How does going to a foreign land mean a change of status?
c) What is the essential difference between people of different races?

Q10. **Solve the following puzzle with the help of the clues given below.** **(3)**

ACROSS
2. movement across something
3. movement in a line
6. movement from one end of something to the other

DOWN
1. movement in the direction of something
4. describe the position of something when it is above something else
5. used when there is a specific destination in mind

प्रश्न 1 निम्नलिखित अपठित गद्यांश पर आधारित प्रश्नों के उत्तर दीजिए ।   (5)

मानव जीवन में श्रम का विशेष महत्त्व होता है। यही शक्ति है जो दुर्बल को सबल और रंक को राजा बना सकती है।परिश्रमी व्यक्ति अनवरत कर्म करते हुए बड़े-बड़े मार्ग तय कर लेता है।अपने परिश्रम के बल पर एक पिछड़ा छात्र भी उत्तीर्ण हो सकता है।इस संदर्भ में वरदराज का उल्लेख करना सर्वथा उपयुक्त है।वरदराज जी को बार-बार असफल होते रहने पर मंदबुद्धि समझकर अपने आश्रम से वापिस भेज दिया था कि वे कुछ नहीं बन सकते,परिश्रम करना उनके बूते से बाहर है। लेकिन राह में उन्हे एक कुएँ के पास विश्राम के लिए रूकना पड़ा। वहाँ कुएँ की मुंडेर पर ऊपर-नीचे आती– जाती रस्सी से पड़े निशान को देखकर उन्हें अनवरत परिश्रम करते रहने का महत्त्व ज्ञात हुआ और वे आश्रम लौट आए।उन्होने तत्पश्चात धैर्यपूर्वक परिश्रम किया। उसके बल पर वे ज्ञानी ऋषि वरदराज वैयाकरण के रूप में विख्यात हुए।परिश्रम व्यक्ति को उन्नति के सर्वोच्च शिखर तक पहुँचा सकता है।इतिहास के आध्येता भली भाँति समझते है कि अर्थ और कीर्ति प्राप्त करने वाले प्रत्येक व्यक्ति ने परिश्रम को सबसे अधिक महत्त्व दिया है।कर्तव्यनिष्ठ कर्मयोगी ही सदैव शिखर तक पहुँच पाते हैं और अपना तथा राष्ट्र का नाम ऊँचा करते हैं।श्रम की उपादेयता को कोई भी अस्वीकार नहीं कर सकता।

1 मानव जीवन में श्रम का क्या महत्त्व है ?   (1)
2 वरदराज जी को आश्रम से बाहर क्यों भेज दिया गया था ?   (1)
3 किस तरह के लोग राष्ट्र का नाम ऊँचा करते हैं ?   (1)
4 'परिश्रम'शब्द का वर्ण-विच्छेद कीजिए ।   (1)
5 'उत्तीर्ण' शब्द का विलोम शब्द लिखिए।   (1)

प्रश्न 2 निम्नलिखित शब्दों के संधि – विच्छेद कीजिए—   (2)
    1 विद्यार्थी 2 देवेश 3 सदैव 4 भ्रष्टाचार

प्रश्न 3 निम्नलिखित मुहावरे व लोकोक्ति को वाक्यों में प्रयोग कीजिए—   (2)
    1 कान पर जूँ न रेंगना   2 एक अनार सौर बीमार

प्रश्न 4 हिंदी के किन्ही चार महीनों के नाम लिखिए।   (2)

प्रश्न 5 'ध्वनि ' कविता द्वारा कवि हमें क्या शिक्षा देना चाहते हैं?   (2)

प्रश्न 6 आपके घर में कोई मेहमान आता है तो आप उसकी खातिरदारी कैसे करते हैं?अपना अनुभव लिखिए।   (2)

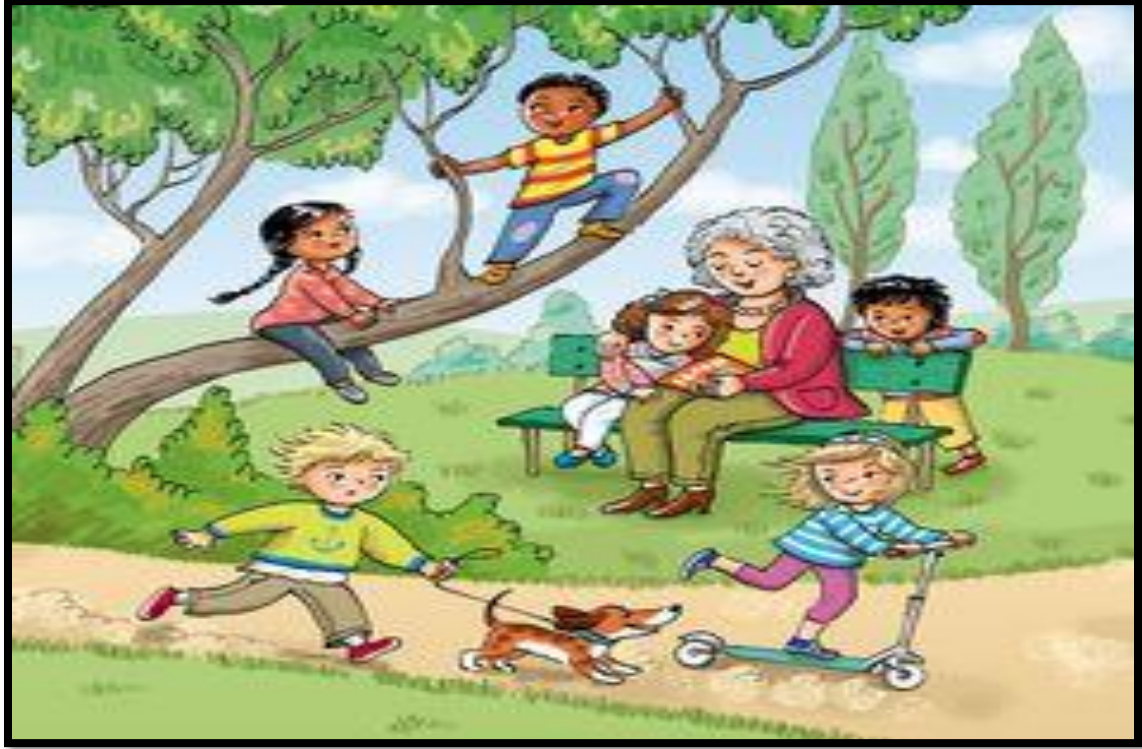**प्रश्न 7** सिद्धार्थ ने ऐसा क्या देखा जिसके बाद वे संसार से विमुख होने के बारे में सोचने
    लगे ?   (2)

प्रश्न 8 दिए गए संकेतों के आधार पर कहानी लिखिए—   (4)

    राजा के दरबार में एक विदूषक का आना.........सदा हँसाना ....मुँह लगा होना.........राजा को बहुता पसन्द होना ....दरबारियों का विदूषक से नाराज होना ...... सभी का मजाक उड़ाना......... एक

दिन राजा का भी मजाक उड़ाना .... राजा को गुस्सा आना .... उसे प्राण दण्ड की सजा देना......... राजा से क्षमा याचना करना .... राजा द्वारा दया करना...... मृत्यु के ढंग को चुनने के लिए कहना .... स्वाभाविक मृत्यु माँगना...... हाजिर-जवाबी से प्राण बचाना ......।शिक्षा......

प्रश्न 9 दिए गए चित्र का 50 से 60 शब्दों में वर्णन कीजिए— (4)

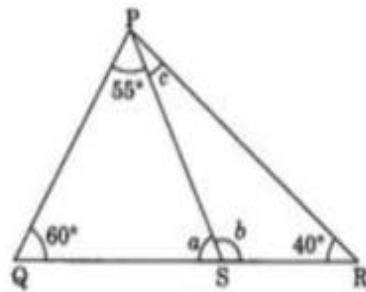## Subject- Mathematics

No. of questions: 20

Q.1) List the possible outcomes when two coins are tossed together. (1)

Q.2) Find the mode for the given set of observations: 2. 1 , 5 , 11, 7, 1, 11, 15, 11, 8, 15. (1)

Q.3) Find whether y= 4 is the solution of the equation $3y - 5 = 7$? (1)

Q.4) Simplify :$2^8 \div 2^6$ using laws of exponents. (1)

Q.5) Evaluate : -12 – (- 101) + 198. (1)

Q.6) Find the side and perimeter of a square whose area is 289 cm^2 . (2)

Q.7) There are 45 students in a class, out of which 40% are girls. Find the number of boys. (2)

Q.8) Write down the degrees of the following polynomials:

(i) $3x^3 - x^5$ (ii) $7b^2 - 11b^4 + b^6$ (2)

Q.9) A man bought some toys at the rate of 10 for Rs. 40 and sold them at 8 for Rs. 35. Find his gain or

loss percent. (2)

Q.10) Find the complement of each of the following angles: (i) 45º (ii) 82º (2)

Q.11) Solve the following: (2)

(i) $(-10)\times [(-13) + (-10)]$ (ii) $(-8) \times (-5) + (-6)$

Q.12) A bag contains 5 white and 9 red balls. One ball is drawn at random from the bag. Find the

probability of getting: (i) a white ball (ii) a red ball

Also find the sum of these probability. (2)

Q.13) An iron rod of length 5 m is placed against the wall in such a manner that the foot of the rod is 3 m

away from the wall. Find the height of the iron rod from the ground. (2)

Q.14) Write the algebraic expressions for the following statements: (2)

(i) x multiplied by 6 and the product is subtracted from 7.

(ii) 3 is added to the quotient of y divided by 5.

Q.15) Find the area and circumference of a circle whose radius = 2.4 cm [Use π= 3.14] (2)

Q.16) If 5 is added to both the numerator and the denominator of the fraction $\frac{5}{9}$, will the value of the

fraction be changed? If so, will it increase or decrease? (3)

Q.17) If selling price of an article is doubled, its profit gets triples. Find the profit percent of that article.

(3)

Q.18) One of the exterior angles of a triangle is 120º and the interior opposite angles are in the ratio 4 : 2.
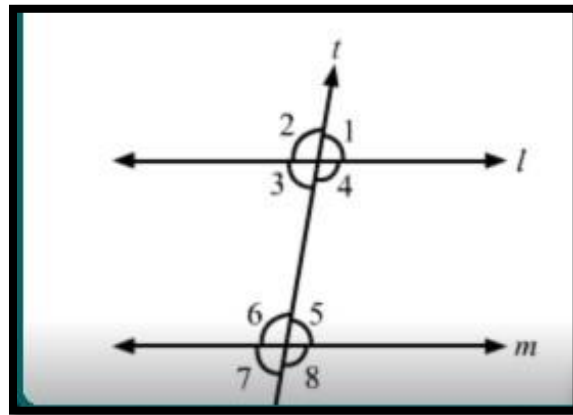
Find the angles of the triangle. (3)

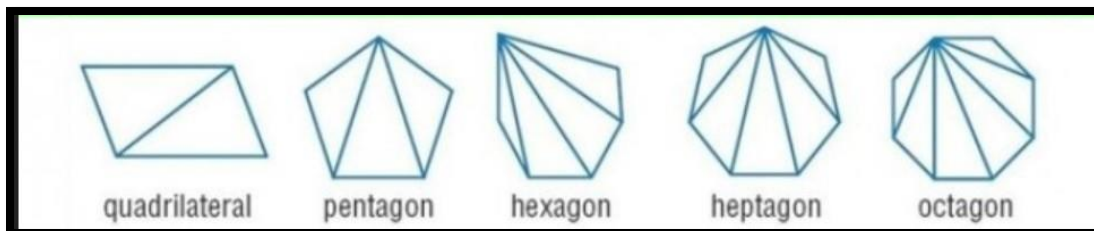Q.19) Find the value of a, b and c in the given figure. (3)

Q.20) In the given figure, l//m and t is a transversal. Also ∠1: ∠2 = 5:7, find the measures of angles 1,2,3 and 8. (3)

Project Work:

1) Consider the following polygons in which triangles are constructed by joining a line segment from any one vertex to the rest of the vertices.

| quadrilateral | pentagon | hexagon | heptagon | octagon |

Observe the number of triangles in each case and find the sum of interior angles for each polygon using the concept of Angle Sum Property of a triangle. Hence generalise the result for a polygon with n number of sides.[e.g. in case of quadrilateral, number of triangles formed are 2 = (4-2) and sum of interior angles = (4-2)*180]

2) Surf the net and complete the following data for the given states of India:

State	Maharashtra	Andhra Pradesh	Tamil Nadu	Karnataka	Utter Pradesh	Delhi
Total COVID-19 positive Cases	……….	……………	………	……..	……..	…….
Total Recoveries	……	…….	……….	……….	……………	……..

Draw the Double Bar Graph for the above googled data and interpret the graph.

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. PDF of handwritten work should be uploaded on it.

Worksheet 4 -Physics

Let's Recapitulate!

1. Watch the video using the link.

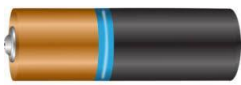   https://www.youtube.com/watch?v=CXr9gFaeHgg

   Fill the table given below by identifying the components used in making the circuit

   shown in the video.   (1/2 x 3 =6)
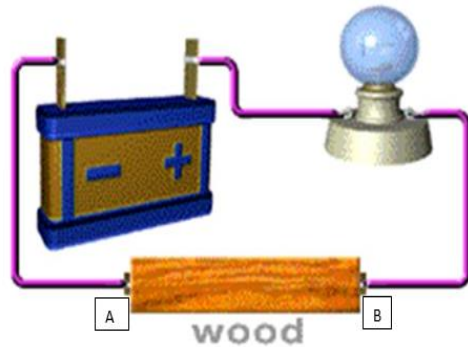
S.No.	Component used in video	Name of the Component	Electric symbol
1			
2			
3			
4			

5			
6			

2. After watching the video, draw the corresponding circuit diagram using electric symbols
   of the components.   (1)

3. Draw the circuit diagram of a 'conduction tester' using connecting wires, a bulb and
   a battery.   (2)

4. Given below is a circuit with wood connected between points A and B.   (1/2 x 8=4)

Fill in the table given below, if other materials are placed between points A and B.

S. No.	Objects	Will the bulb glow? (Yes/No)	Classify (Conductor/ Insulator)
1	Plastic straw		
2	Key		
3	Safety pin		
4	Ear bud		

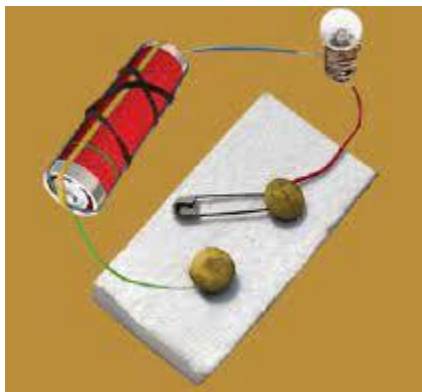5. Give reasons for the following:

   a) The handles of the tools like screwdrivers and pliers used by electricians for repair work
      usually have plastic or rubber covers on them.

   b) An electrician uses rubber gloves while repairing an electric switch.   (2)

6. A student made a circuit using a cell, a bulb, connecting wires and a safety pin. Even
   after completing the circuit by connecting the safety pin to the other terminal, the bulb
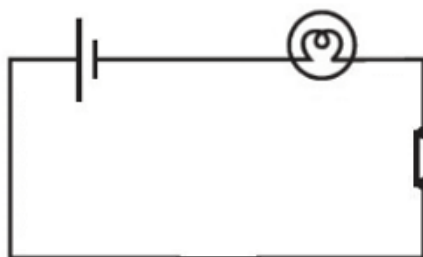
didn't glow. Suggest any 4 probable causes due to which the bulb did not glow. (2)

7. Natasha made the circuit given below and observed that the bulb didn't glow .
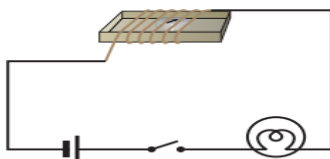
What will happen:

a) if one more cell is added to the circuit?

b) if the bulb is replaced by an LED? (2)

8. Pihu took a cardboard tray from inside a discarded matchbox. She wrapped an electric wire a few times around the cardboard tray. She placed a small compass needle inside it and then connected the free ends of this wire to an electric cell and a switch as shown in the diagram given below.
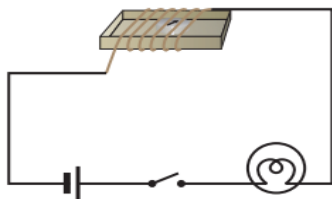

a) What will happen to the compass needle if a bar magnet is brought near it, when the switch is still in OFF position?

b) What will happen to the compass needle when the key is in ON position? (2)

9. a) Name the principle on which the circuit given below works.

   b) When the key is closed, what will happen to the deflection of the compass needle if

   the bulb is replaced by i) a metal key   ii) an eraser?   (2)

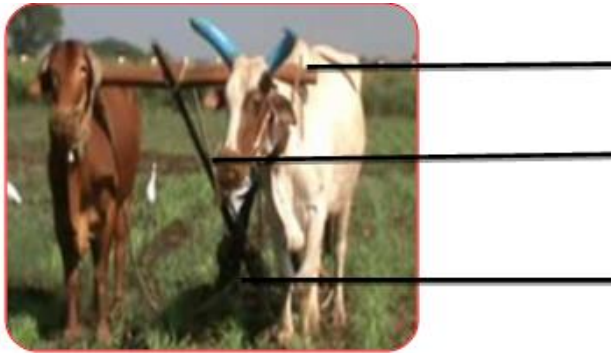10. a) Give any two applications of magnetic effects of electric current in daily life.

   b) Name the scientist to observe the deflection in a compass needle placed near an

   electric circuit carrying current.   (2)

Worksheet 4 -Chemistry

1. The rearing and management of silk moth is predominant in some parts of our country as cottage industry. Name the process of silk rearing.   (1)

2. Sweaters, shawls and blankets are prepared from a synthetic fibre which has the property of wool. Identify the fibre.   (1)

3. Name two natural fibres obtained from animal sources.   (1)

4. You have been asked to buy a woollen sweater from the market. How will you check its purity?

                                                                                             (2)

5. Give reason for the following: (2)

        (a) Nylon fibres cannot be worn in summers.

        (b) Synthetic fibres are non-biodegradable.

6. Write any three points of difference between artificial silk and natural silk.   (3)

7. What kind of dress material will you recommend for workers in metal and chemical industries?

                                                                                             (3)

8. What are occupational hazards? What occupational hazards are linked with wool and silk

production?   (3)

9. Draw and explain monomer and polymer.   (4)

10.(a) These days clothes made out of a mixture of synthetic fibres and natural fibres are more popular

   than those made purely out of synthetic fibres. Discuss the reasons for this.

   (b) State two advantages and two disadvantages of synthetic fibres.   (2+3=5)

Worksheet 4 -Biology

1. Why should we grow seeds in moist soil? (1)
2. We see gardeners adding black porous substance in the soil. How does this substance help the plants? (1)
3. Which season is preferable for the cultivation of wheat? Why? (2)
4. Differentiate between plough and hoe. (2)
5. Which type of soil is suitable for the growth of rice plants? Give reason. (2)
6. Observe the diagram and answer the following questions: (3)
   a. Identify the equipment.
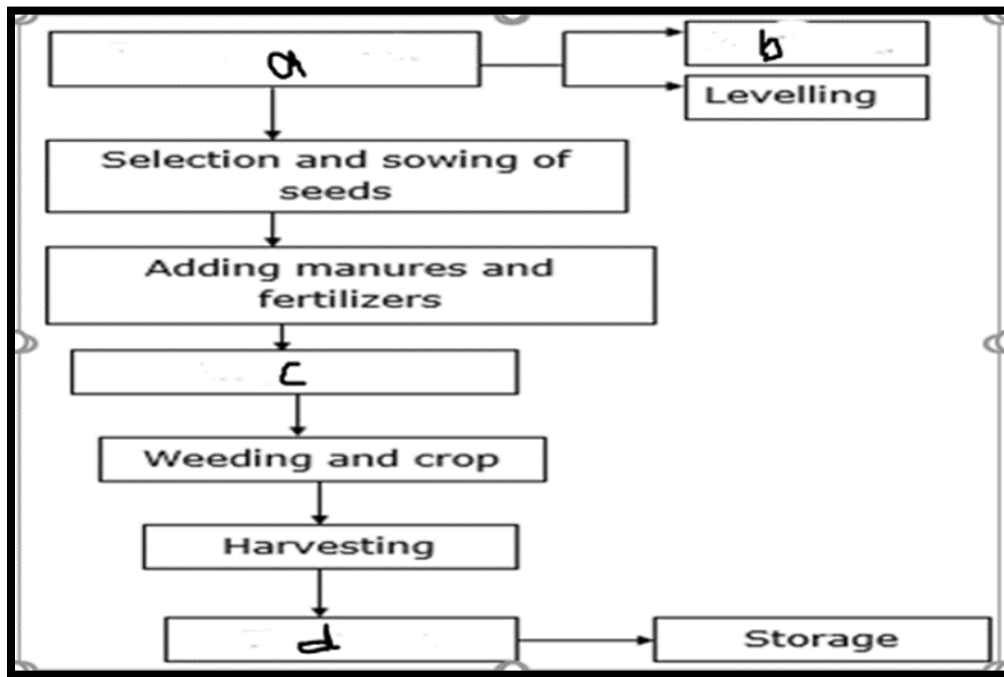   b. Label the parts.
   c. What is its significance?

7. What do you mean by symbiotic relationship? Explain with an example. (3)
8. During ploughing the land is pressed lightly. Give reasons (3)
9. Study the diagram carefully and answer the following questions: (4)

   a. Identify the process.
   b. Name the equipment used for this process.
   c. Write any two advantages of this process.

10. Study the G.O carefully. Redraw the G.O.and fill the vacant steps. (4)

Flowchart:

- **a**
  - → Selection and sowing of seeds
  - → (box) → **b** / Levelling
- Selection and sowing of seeds
  - → Adding manures and fertilizers
- Adding manures and fertilizers
  - → **c**
- **c**
  - → Weeding and crop
- Weeding and crop
  - → Harvesting
- Harvesting
  - → **d** → Storage

Subject: Social Science

Worksheet 4 -History

Max Marks: 20

Q1. Who is the author of 'A History of British India'?   1

(a) Nicholas Louis

(b) Clive Lloyd

(c) James Mill

(d) John Henry

Q2. Where is the national museum of India located?   1

(a) Delhi

(b) Shimla

(c) Kolkata

(d) Madras

Q3. Maharaja Ranjit Singh was ruler of_____?   1

(a) Mysore

(b) Awadh

(c) Bengal

(d) Punjab

Q4. Who was called 'Tiger of Mysore'?   1

Q5. Who was the first Governor General of Bengal?   1

Q6. In whose reign, Guru Nanak Deva established Sikhism.   1

Q7. Look at the picture given below and answer the following questions: 3

1.Where is this building located?

2. When was the building made?

3. How is it related to British Rule?

Q8. Mark the following places on the outline map of India under British rule.   3

(i) Lahore

(ii) Lucknow

(iii) Banaras

(iv) Calcutta

(v) Madras

(vi) Mysore

Q9. Name the following-   3

   (i)   He was the last powerful Mughal ruler.

   (ii)   This province became independent due to weak central rule in the Mughal Empire.

   (iii)   He attacked and looted India 17 times.

Q10. Choose the correct option-   5

   (i) By which name Bhagat Singh is often referred to?

          a) Veer Bhagat Singh

          b) Azad Bhagat Singh

          c) Shaheed Bhagat Singh

          d) Lokmanya Bhagat Singh

   (ii) When did an 18-foot-tall bronze statue of Bhagat Singh was installed in the Parliament of India?

          a) 23 January 2008

          b) 15 August 2008

          c) 27 September 2008

          d) 26 January 2009

(iii)   Bhagat Singh was sentenced to death in which case?

     a) Kakori Case

     b) Chauri Chaura Case

     c) Assembly bomb case

     d) Lahore conspiracy case

(iv)   How old was Bhagat Singh when he was executed?

     a) 23

     b) 29

     c) 32

     d) 55

(v)   In which year, a postal stamp was issued in India commemorating the birth anniversary of Bhagat Singh?

     a) 1950

     b) 1965

     c) 1967

     d) 1979

Worksheet 4- Civics

Max Marks: 20

Q1. Which among the following features of Indian Constitution is not borrowed from British Constitution?

1

(a) Parliamentary Form of Government

(b) Cabinet Form of Government

(c) Rule of law

(d) Concurrent List

Q2. The Preamble states that the Constitution derives its authority from_____.   1

(a) Indian Culture

(b) Parliament

(c) The People of India

(d) Princely states

Q3. The President nominates 12 members of the Rajya Sabha according to_____.   1

(a) their distinction in the field of science, art, literature and social service.

(b) the recommendations made by the Vice President.

(c) their role played in political set up of the country.

(d) their performance as office bearers of cultural societies.

Q4. What is the maximum period of the President's rule in a state?   1

(a) 4 months

(b) 5 months

(c) 6 months

(d) 7 months

Q5. Which one of the following is NOT a Fundamental Right?   1

(a) Right against Exploitation

(b) Right to Property

(c) Right to Constitutional Remedies

(d) Cultural and Educational Rights

Q6. The President's rule in a state means that the state is ruled by_____.   1

(a) the Governor of the State

(b) the Chief Minister of Delhi

(c) a caretaker government

(d) the President directly

Q7. Define constituent assembly. Why do you think 26 November is observed as Indian Constitution Day or Samvidhan Divas?   3

Q8. Refer to the given picture and answer the questions that follow: **3**

(a) Which movement is depicted in the picture?
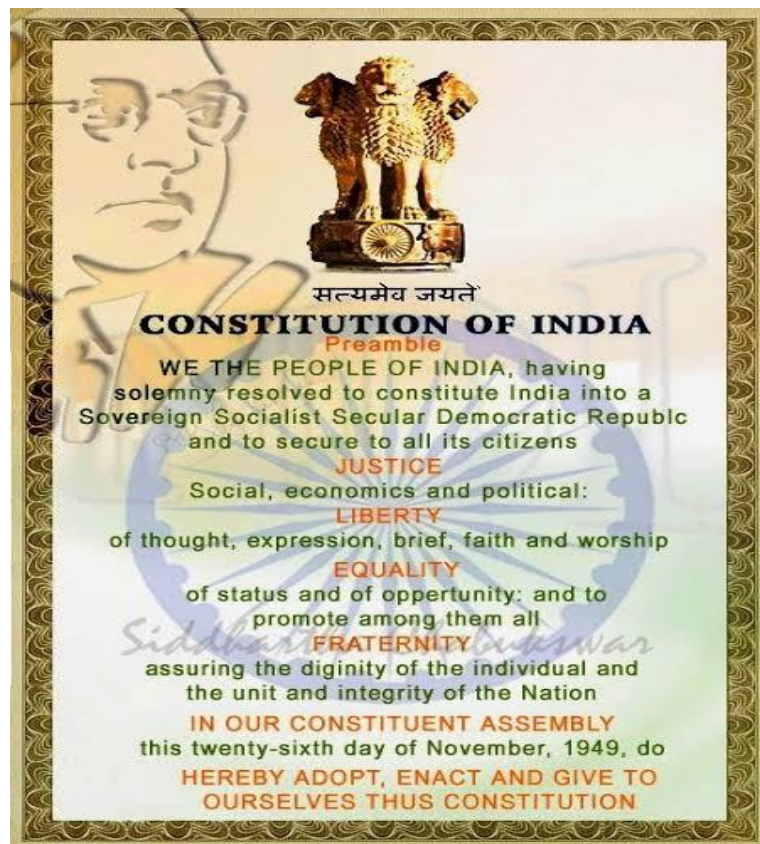
(b) When and where did this movement start?

(c) Why was this movement launched?

Q9. What are the various functions of a Constitution? 3

Q10. Explain any five features (secular, sovereign, etc.) given in the Preamble of the Indian Constitution

5

Worksheet 4-Geography

Max Marks: 20

Q1. Apart from nitrogen and oxygen, what other gases are found in the air in small volume?   1

Q2. Name the instrument which measures air Pressure.   1

Q3. Enlist any two sources of air pollution.   1

Q4. Mention any two effects of acid rain.   1

Q5. The wearing or breakdown of rocks by agents of gradation is known as _____   1

a) Erosion

b) Weathering

c) Deposition

d) Aggradation

Q6. "The human resources are called the ultimate resources". Justify the statement by giving any two reasons.   1

Q7. Define ecological balance. What will happen if this balance gets disturbed?   3

Q8. Differentiate between Weather and Climate.   3

Q9. Why do astronauts wear special protective space suits?   3

Q10. Read the news headings given below and on the basis of your reading write a short note on Global Warming.   5

निर्देश– 1 दिए गए सभी प्रश्नों के उत्तर संस्कृत की उत्तर पुस्तिका में कीजिए।

  2 सभी प्रश्नों के उत्तर पूर्ण वाक्य में लिखकर रिक्त स्थान को रेखांकित कीजिए।

  3 कार्य स्वच्छ ,शुद्ध एवं स्पष्ट लेख में कीजिए।

प्रश्न 1 अधोलिखितं गद्यांशं पठित्वा प्रश्नान् उत्तरत –   (5)

'गंगा-यमुना' संस्कृतेः संगमस्थली प्राचीनतम काशीनगरी पर्यटकेभ्यः अतीव रोचते। वाराणस्या प्राचीन नाम काशी नगरी आसीत्। अत्रैव विश्वप्रसिद्धं विश्वनाथमंदिरं सुशोभितः। विश्वनाथस्य दर्शनाय प्रतिदिनं अनेकाः पर्यटकाः आगच्छन्ति। वैदेशिकाः पर्यटकाः अपि भ्रमणाय, गंगादर्शनाय, अनुसंधानाय, ज्ञानाय, शिक्षायै च अत्र आगच्छन्ति। सांस्कृतिकाः विचारकाः अपि काशीम् आगत्य चिन्तनं कुर्वन्ति। एषा नगरी प्राचीनकालात् एव ज्ञानक्षेत्रे अतीव श्रेष्ठा आसीत्। अत्र गुरूकुलानि अपि सन्ति, येषु गुरवः छात्रेभ्यः शास्त्रज्ञानं यच्छन्ति। पापविमोचिनी गंगा काशीनगर्याः कृते शिवस्य वरदानम् इव अस्ति। ये जनाः काशीम् आगच्छन्ति, ते सर्वप्रथमं गंगास्नानम् एव कुर्वन्ति। सायंकाले गंगा-आरती दृष्ट्वा ते पारलौकिकम् आनन्दम् अनुभवन्ति। भारतस्य कृते गंगा नदी जनजीवनस्य आधारः वर्तते। जनाश्रयाय हिमालयात् आगच्छति भारतस्य भूभागं च सिञ्चति। काश्याम् एषा गंगा शिवस्य कृते स्वच्छं जलम् अर्पयति। काश्यामेव सारनाथः नाम बौद्धपीठम् अस्ति। वैदेशिकाः बौद्धधर्मावलम्बिनः ज्ञानविचारविमर्शाय आगच्छन्ति। बौद्धस्तूपं सारनाथस्य कृते एकं विशेषम् आकर्षणम् अस्ति। अत्रैव काशीविश्वविद्यालयः ,सम्पूर्णानन्दसंस्कृतविश्वविद्यालयः च स्तः। संस्कृति दर्शनाय, संस्कृतम् अध्ययनाय च काशी सर्वेभ्यः अतीव रोचते।

1 एक पदेन उत्तरत -   (2)

  (क) वाराणस्याः प्राचीन नाम् किम् आसीत् ?

  (ख) प्रतिदिनं अनेकाः पर्यटकाः कस्य दर्शनाय आगच्छन्ति ?

  (ग) जनजीवनस्य आधारः का वर्तते ?

  घ) जनाश्रयाय गंगा कुतः आगच्छति ?

2   पूर्णवाक्येन उत्तरत -   (2)

  (क) वैदेशिकाः पर्यटकाःकिम् किम् कर्तुम् काशी आगच्छन्ति ?

  (ख) काश्याम् कौ प्रसिद्धौ विश्वविद्यालयः च स्तः ?

3   निर्देशानुसारेण उत्तरत -   (1)

  (क) '**दृष्ट्वा**' अस्य पदस्य प्रकृति प्रत्ययं पृथकं कुरूत।

     (ख) '**अधुना** जनाः एतां वाराणसी अपि कथयन्ते।' अस्मिने वाक्ये अव्यय पदं किम्?

प्रश्न 2 स्व-मित्रस्य वर्णनं कुर्वन् पितरं प्रति पत्रं लिखत -   (3)

मञ्जूषा =   निवासी , पिताश्री , अस्मिन् , माता, चरित्रवान् , उमेशस्य

ह्निमगिरि-छात्रावासात्

श्रीनगरात्

दिनाॅकः 20.05.21

पूजनीयाः (i) ....

सादरं प्रणामाः।

अत्र कुशलं तत्रास्तु। अहम् (ii) .... पत्रे मम नव-मित्रस्य (iii) .... परिचयं लिखामि। सः कर्णपुर-नगरस्य (iv) .... अस्ति। तस्य (v) .... शिक्षिका, पिता च चिकित्सकः स्तः। सः परिश्रमी, सुशील, विनम्रः (vi) .... च छात्रः अस्ति। संगीते चित्रकलायां चापि कुशलः अस्ति। तस्य स्वभाव मधुरः अस्ति। आवाम् सहैव पठावः, खेलावः च। शेष कुशलम्।

भवताम् आज्ञापालकः,

  महेन्द्रः

प्रश्न 3 अधोलिखिते संवादे मञ्जूषायाः उचितपदानि चित्वा रिक्तस्थानानि पूरयत— (3)

> मञ्जूषा = मित्राणि, द्विचक्रिका, सायंकाले, धन्यवादः , जन्मदिवसः ,
> चरण-वन्दना, अहम्

अर्चितः – पितामह! (1) ....

पितामहः – यशस्वी भव। अद्य तु तव (2) .... अस्ति।

अर्चितः – आम्, अद्य (3) .... मम गृहे कानिचित् (4) .... आगमिष्यन्ति।

पितामहः – उत्तमम्। एषा (5) .... तुभ्यम् उपहारम् अस्ति।

अर्चितः – (6) .... पितामहः। एषा तु अति शोभना अस्ति।

प्रश्न 4   धातु रूपाणि लिखत (3)

(1) '**गम् '** धातु लट्लकारः प्रथम पुरूषः।

(2) '**पद्**' धातु लोट्लकारः मध्यम पुरूषः।

प्रश्न 5   शब्द रूपाणि लिखत (3)

(1) '**किम्**' (स्त्रीलिंग) शब्द प्रथमा विभक्तिः।

(2) '**किम्**' (नपुंसकलिंग) शब्द द्वितीया विभक्तिः।

प्रश्न 6 घटिकां रचयित्वा प्रदत्तं समयं संस्कृते लिखत। (2)

    4ः30,   6ः00,   7ः45,   9ः15

प्रश्न 7 कोष्ठके प्रदत्तैः उचित संख्या पदैः रिक्तस्थानानि पूरयत– (2)

1 अस्मिन् ग्रामे (30) .... गृहाणि सन्ति।

2 अस्मिन् विद्यालये (12) .... कक्षाः सन्ति।

3 एतेषां फलानाम् मूल्यं (26) .... रूप्यकाणि सन्ति।

4 सप्ताहे (7) .... दिनानि भवन्ति।

प्रश्न 8 अधोलिखित शब्दानाम् अर्थ लिखत – (2)

बलात् , अपत्यानि ,सरसि , प्रज्ञा .

प्रश्न 9 रेखांकित पदम् आधृत्य प्रश्नं निर्मीयताम् – (2)

(1) **वृक्षे** काकदम्पती निवसतः स्म।

(2) काकी **काकम्** अवदत्।

(3) संततेः **जीवनम्** सुरक्षितं न अस्ति।

(4) **दर्पणः** किम् करिष्यति।

Subject: Computer Science

Q1. Choose the correct option:-   **1*7=7**

i) All keywords in Python are in _____
    a. Lower Case
    b. Upper Case
    c. Capitalized
    d. None of the mentioned

ii) Which character is used in Python to make a single line comment?
    a. //
    b. +
    c. #
    d. ?*

iii) Which of the following statements is correct for variable names in Python language?
    a. All variable names must begin with an underscore.
    b. Unlimited length
    c. The variable name length is a maximum of 2.
    d. All of the above

iv) What do we use to define a block of code in Python language?
    a. Key
    b. Brackets
    c. Indentation
    d. None of these

v) In which year was the Python 3.0 version developed?
    a. 2008
    b. 2000
    c. 2010
    d. 2005

vi) Is Python case sensitive when dealing with identifiers?
    a. yes
    b. no
    c. machine dependent
    d. none of the mentioned

vii) Which of the following is an invalid statement?
    a. abc = 1,000,000
    b. a b c = 1000 2000 3000
    c. a,b,c = 1000, 2000, 3000
    d. a_b_c = 1,000,000

Q2. Which of the following is an invalid or a valid variable?   **1*3=3**

    a. _a=2

    b. My-string34

    c. #visual67

Q3. Find the output of the following Python code:-   **1*5=5**

    a. x,y = 12,2.5

       print(x-y)

    b. a='Welcome'

       b='Home'

       c=a+b

       print(c)

    c. $^\circ$ C =35

       $^\circ$ F = 9/5 ($^\circ$ C) + 32

    d. >>>print(2*3+4-15)

    e. >>>print('Graphical User Interface')

Q4. Define the following:-   **1*5=5**

    a. Comments

    b. Keywords

    c. Identifiers

    d. IDLE

    e. Line Indentation