

St. Mary's School, Dwarka
Holiday Homework
Class VIII
Week 1
Worksheet 1

Subject: English

Q1. Read the following passage carefully:

'He who hesitates is lost' is a well-known proverb. A leader who cannot decide on a plan of action will not be able to accomplish anything worthwhile. Indecision leads to confusion because people do not know what to do. Prompt decision-making is of great use in an emergency. A young doctor once had a patient who complained of intense pain. The doctor consulted two other doctors to find out if an operation should be performed. The other doctors felt that the patient's condition should be observed for a few days. But the young doctor, who felt responsible for the patient, examined him once again and decided to operate him immediately. When the operation was performed, the other doctors realised that a delay of even a few hours would have proved fatal to the patient. A prompt decision by the young doctor saved the life of his patient.

We are often faced with difficult problems. It is up to us to take prompt decisions that could make the difference between success and failure. We must be able to say 'yes' or 'no' without delay. No 'maybe' or 'perhaps' after hours of deliberation.

This does not mean we should say 'yes' or 'no' without thinking. We must cultivate the ability to quickly think out all the favourable and unfavourable circumstances of a situation and then decide whether we should say 'yes' or 'no'. To linger over a decision for days and months will get us nowhere. Hence, prompt decision-making is very important if one wants to achieve success.

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

1. How is indecision harmful?

Indecision is harmful as it _____.

- a) leads to pain
- b) causes confusion
- c) does not work in a hospital
- d) causes problems.

II. How did the young doctor save the life of his patient?

The young doctor saved the life of his patient by _____.

- a) giving him medicine
- b) operating upon him immediately
- c) consulting with other doctors
- d) deciding 'Yes' or 'No' without thinking

III. How should we decide 'Yes' or 'No' in an emergency?

- a) promptly, without thinking
- b) by consulting others
- c) by pondering over it again and again
- d) by thinking all the favourable and unfavourable results

IV. Which word in the passage is similar in meaning to the phrase 'to achieve'?

- a) to act promptly
- b) to accomplish
- c) to linger over
- d) to perform

V. Give a suitable title to the above passage.

- a) 'Prompt Decision -Making- A Tool for Success'
- b) 'A Doctor and a Patient'
- c) 'Say Yes or No'
- d) 'Qualities of a Leader'

Q2. You are Jim / Jennifer, the Cultural Head of St. George School, Allahabad. Your school is organizing theatre classes during the summer vacation. Draft a notice in about 50 words informing the students of classes VI-XII about the same. Also ask the interested students to assemble in the rear foyer during the break. Include all the necessary details like date, time, venue, fees and last date of submission of forms. Put the notice in a box. (2)

Q3. You are Ronit Sharma residing at 24/A, Kamla Nagar, New Delhi. You receive a letter from your aunt who writes about her son who isn't doing well in studies and is distracted as he wastes a lot of time either playing games on computer or sitting idle watching television. Write a letter in about 120 words, to your cousin Navin, explaining him the value of time. (3)

Q4. "Peace cannot be achieved through violence. It can only be attained through understanding."
- **Ralph Waldo Emerson**

Design a poster on the topic 'War and Peace' on an A/4 sheet. Make your poster colourful and attractive. Write relevant slogans and quotes also. (3)

Q5. Fill in the blanks with appropriate words. (1/2 x 4 =2)

Milk is a complete food, full of vitamins and proteins. Children (a) _____ drink it regularly otherwise, they (b) _____ suffer from under-nourishment. Elders (c) _____ also take it but those who (d) _____ afford it, must take pulses, vegetables and fruits as an alternative.

Q6. Choose the correct option to fill in the blanks: (1/2x 5 =2.5)

- (i) I marvelled _____ his performance.
 - a) for
 - b) at
 - c) of
 - d) in

(ii) He spoke _____ great confidence at the meeting.

- a) with
- b) by
- c) at
- d) in

(iii) He stood _____ the famous stars and starlets.

- a) between
- b) among
- c) about
- d) within

(iv) Kasturi never borrows anything _____ anyone.

- a) of
- b) from
- c) for
- d) over

(v) Sabia has been cooking for the party _____ morning.

- a) from
- b) after
- c) and
- d) since

Q7. Fill in the blanks with the correct form of the words given in the bracket. (1/2 x 4=2)

(1/2 x

Ramons is one of the (a) _____ (tall) girl in our class. She is (b) _____ (hardworking) than any other child in the class. She is loved by the teachers and her peers because of her sincerity. Even the (c) _____ (naughty) of students look up to her. She also received an award for being the (d) _____ (helpful) student in the school.

Q8. Fill in the blanks with suitable words.

(1/4 x 8 =2)

It was a beautiful summer afternoon with the sun shining (a) _____. I (b) _____ phoned my friends asking them to come over for a barbecue. (c) _____ making the calls, I (d) _____ drove into town to buy some food and drinks. When I arrived at the shop, I was (e) ----- surprised at how crowded it was. I needed sausages and saw that they had only two packets left, so I (f) _____ grabbed them before anyone else could. I picked up the items I needed and moved (g) _____ towards the billing counter. The man at the counter greeted me (h) _____.

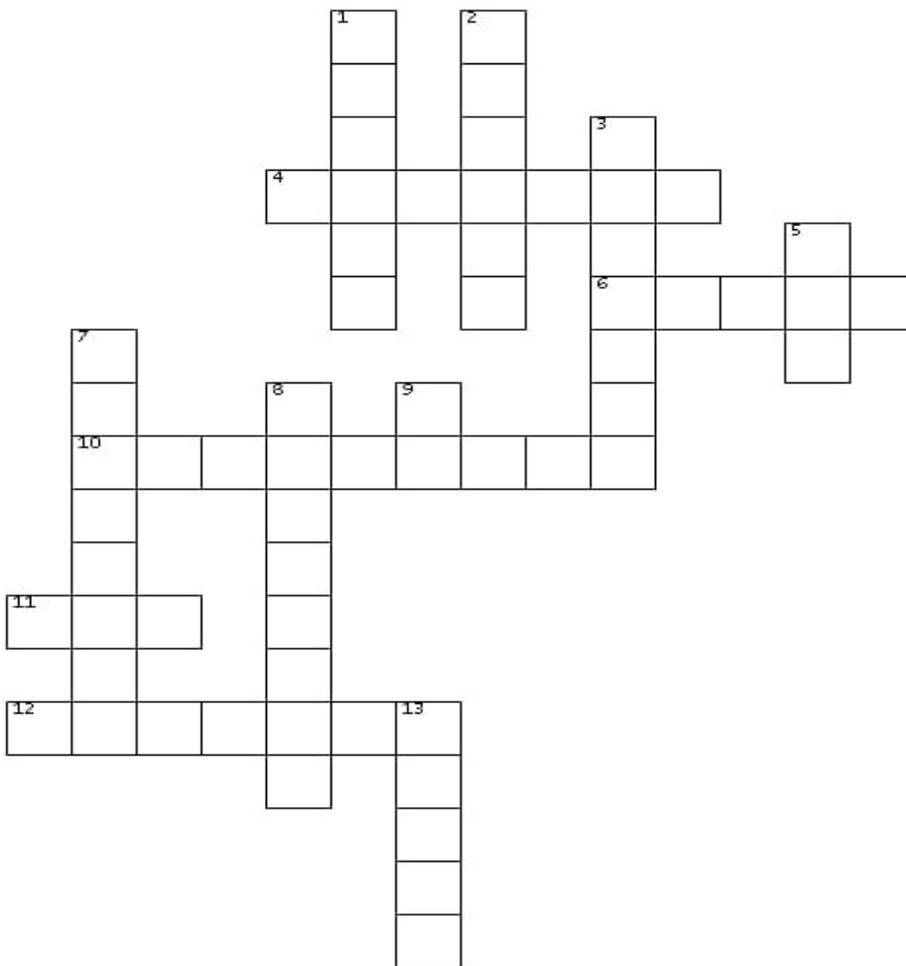
Q9. Answer the following question in about 100 words:

(3)

Who is Rappaccini? How did he study or observe the plants in his garden? Why does he want Beatrice to take care of the plants?

Q10. Solve the crossword with the help of the given clues.

(3)



ACROSS

- 4. means in addition to, also
- 6. tells about the sequence
- 10. is used to show the result of an action
- 11. is used to join two ideas that are opposite
- 12. is used to show contrast

DOWN

- 1. except on the condition that
- 2. means different from not similar to
- 3. is used to show reason
- 5. shows contrast
- 7. is used to show two opposite statements
- 8. means if or only if
- 9. used to condition
- 13. used to show result

PROJECT

CREATE A STORY TRAILER

Read any one of the adventures of Sherlock Holmes After reading the story, summarize, synthesize and analyze the main points and create a short trailer related to the setting, of objects important to the story and the imagination of the writer, etc Choose the right music considering the theme, mood and pace of the story. Make your trailer so interesting that would entice your friend to read that adventure also.

You may take the help of the given links

<https://play.google.com/store/apps/details?id=com.camerasideas.instashot>

<https://play.google.com/store/apps/details?id=com.nexstreaming.app.kinemasterfree>

1. Open InShot
2. Click on video
3. Click on new
4. Select the content
5. Begin to create your trailer
6. Click save on top right hand.
7. Share the trailer with your teacher.

You may use this link to see the steps to create your video on InShot:

<https://www.youtube.com/watch?v=1opcVKmjKt4>

You may even use this link to see the steps to create your video on KineMaster:

<https://www.youtube.com/watch?v=ON2mLNVNTFQ>

Subject- Hindi

निर्देश — 1 दिए गए सभी प्रश्नों के उत्तर हिन्दी की उत्तर पुस्तिका में लिखिए।

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

3 कार्य स्वच्छ, शुद्ध एवं स्पष्ट लेख में कीजिए।

M.M- 25

प्रश्न 1 वसंत ऋतु को ऋतुराज क्यों कहा जाता है? उदाहरण सहित उत्तर दीजिए। (2)

प्रश्न 2 वसंत ऋतु में आने वाले विभिन्न त्योहारों का चित्र बनाते हुए उनके नाम व विशेषताएँ लिखिए। (2)

प्रश्न 3 आम का चित्र बनाते हुए आम की विभिन्न किस्मों के नाम लिखिए। (2)

प्रश्न 4 किन-किन धातुओं से चूड़ियाँ बनाई जाती हैं? आपको किस तरह की चूड़ियाँ अच्छी लगती हैं? (2)

प्रश्न 5 महात्मा बुद्ध कौन थे और उनके जन्म के समय प्रकृति में कौन-कौन से बदलाव हुए? (2)

प्रश्न 6 भाषा किसे कहते हैं? आपके परिवार में कौन-सी भाषा बोली जाती है? उस भाषा में दो वाक्य अर्थ सहित लिखिए। (2)

प्रश्न 7 दिए गए संकेत बिंदुओं के आधार पर विषय 'जब मुझे कक्षा-मॉनीटर बनाया गया' पर 80 से 100 शब्दों में एक सुंदर अनुच्छेद लिखिए — (4)

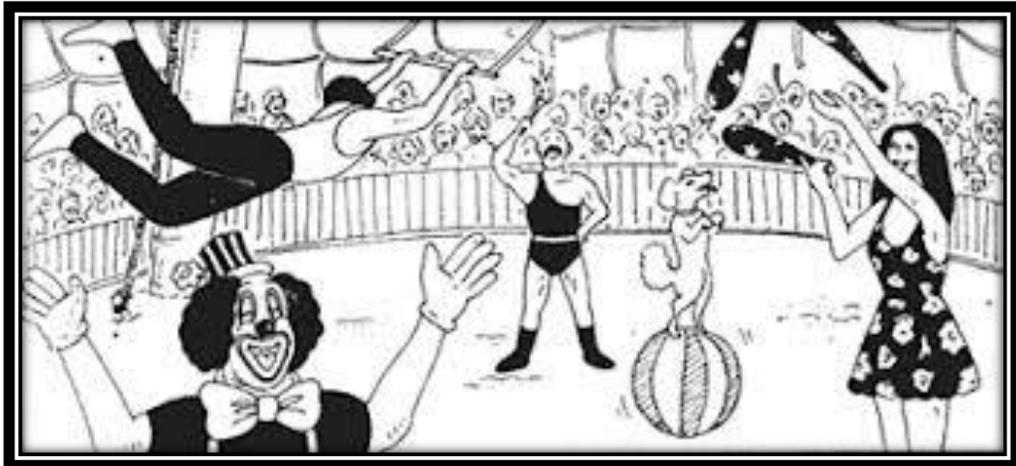
1 जिम्मेदारियाँ 2 कठिनाइयाँ 3 आपका अनुभव

प्रश्न 8 आपके शहर में नए ऑक्सीजन संयंत्र (Plant) लगाने वाले हैं। इसके प्रचार प्रसार हेतु एक सुंदर विज्ञापन तैयार कीजिए।

(3)

प्रश्न 9 'कक्षा में हुई विभिन्न गतिविधियों के विषय में दो मित्रों के बीच हुई बातचीत को 60 से 70 शब्दों में संवाद के रूप में लिखिए। (3)

प्रश्न 10 दिए गए चित्र का वर्णन 50 से 60 शब्दों में कीजिए। (3)



Subject- Mathematics

Q.1) Define linear Equations in one variable with an example. (1)

Q.2) Subtract $\frac{3}{-4}$ from $\frac{4}{5}$. (1)

Q.3) Solve: $1.32y + 0.02y = 1.19 + y$ (2)

Q.4) Represent $\frac{14}{13}$ and $\frac{-14}{13}$ on the number line. (2)

Q.5) Verify that $-(x + y) = (-x) + (-y)$ for $x = -3/4$ and $y = 6/7$ (2)

Q.6) Complete the following table: (2)

Name of 3-D shape	Cylinder	Cone
Vertices
Edges
Faces

Q.7) Solve: $2.8v = 54 + v$. (2)

Q.8) Arrange the following in descending order: $\frac{-4}{5}$, $\frac{9}{-15}$, $\frac{-2}{3}$. (2)

Q.9) Explain commutative property of rational numbers under multiplication with an example. (2)

Q.10) Write any four rational numbers equivalent to $\frac{12}{-13}$. (2)

Q.11) Find the multiplicative inverse of: (i) $\frac{-7}{-8}$ (ii) $0 \times \frac{2}{9}$ (2)

Q.12) What should be added to $\frac{-4}{7}$ to get $\frac{5}{9}$. (3)

Q.13) Simplify: $\frac{2}{5} + \frac{8}{3} - \frac{11}{15} + \frac{4}{5} + (\frac{-2}{3})$ using suitable properties. (3)

Q.14) Solve the following equation and verify your answer: $4y + \frac{y}{5} = 21$ (3)

Q.15) The difference between two whole numbers is 66. The ratio of the two numbers is 2: 5.
What are the two numbers? (3)

Q.16) Find the solution of the equation $\frac{15}{4} - 7x = 9$. (3)

Q.17) Divide the sum of $3/8$ and $-5/12$ by the reciprocal of $\frac{-15}{8} \times \frac{16}{27}$. (3)

Q.18) Solve the following equations: (3)

(a) $7 + 2(a+1) - 3a = 5a$ (b) $10p - (5p - 4) = 4(p + 1) + 7$

Q.19) Make the following 3-dimensional shapes by paper folding method and verify that $V + F - E = 2$ (Euler's Formula) for these shapes: (4)

(a) Cuboid (b) Hexagonal pyramid

Q20) (a) Find any two rational numbers between $1/3$ and $1/2$. (2)

(b) The area of a triangle is $\frac{725}{16}$ sq. cm. If its base is $\frac{25}{4}$ cm, find its corresponding height. (2)

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.

Research Project

We use a large number of articles or things made of plastics in our everyday life. Plastics are synthetic material which can be moulded into desired shape. Collect information on 'Plastics' under the given criteria and prepare a report in your notebook-

Your project report should include the following:

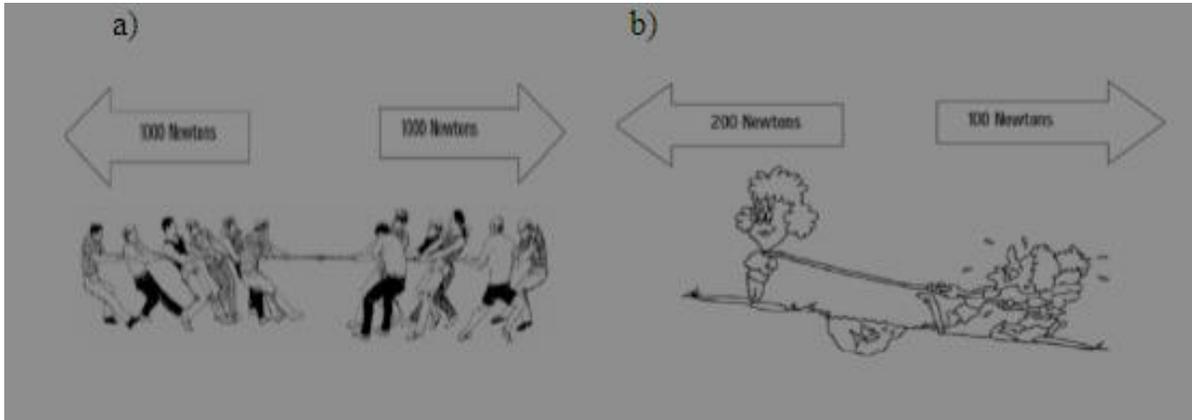
- 1) (a) Objective (b) The basic principle involved in determining the different types of plastics
(c) Properties of the different types of plastics(d) Any three applications in our daily life
- 2) Does plastics cause static electricity? Explain it with the help of a simple activity. Record the method used and your observations in your notebook.
- 3) Research on how micro plastics can change soil properties and affect crop production. What measures can be adopted to improve the soil fertility?

Worksheet 1 - PHYSICS

1. What is the SI unit of force? (1)
2. How does the speed of a moving object changes when a force is applied on it? (1)
3. Give any two situations from your surroundings where the net force changes the shape of the object. (1)
4. A ball of dough is rolled into a flat chapati. Name the force exerted and the effect of this force. (2)
5. What is the net force when two equal forces are applied on an object in the
a) same direction b) opposite direction. (2)
6. Classify the forces applied in the following situations as push or pull. (2)
a) Moving a trolley.

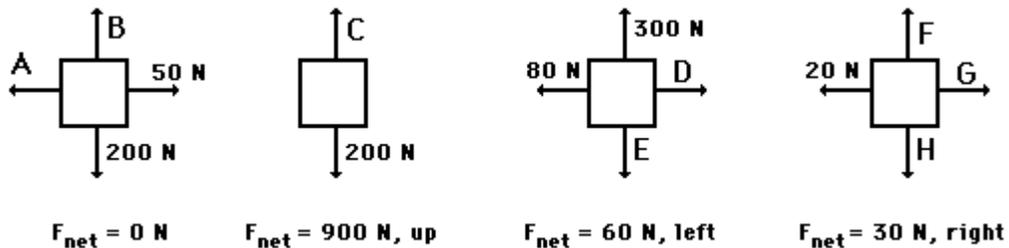
- b) Moving a car when it breaks down.
- c) Squeezing a lemon
- d) Dragging a box

7. Calculate the net force in the following cases and specify the direction of motion of the objects. (3)



8. Determine the net forces acting in the following situations. What will be the direction of motion of these objects after application of net force? (4)

9. Analyze each situation individually and determine the magnitude of the unknown forces. (4)



10. In the following situations identify the agent exerting the force and the object on which it acts. State the effect of the force in each case. (5)

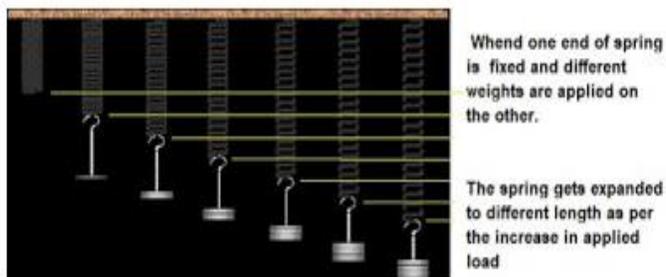
(a) Squeezing a piece of lemon between the fingers to extract its juice.



(b) Taking out paste from a toothpaste tube.



(c) A load suspended from a spring while its other end is on a hook fixed to a wall.



(d) An athlete making a high jump to clear the bar at a certain height.



(e) Pushing a box



Worksheet 1-Chemistry

1. Which fibre is known as artificial silk? (1)
2. Name some artificial fibres. (1)
3. A lady went to the market to buy a blanket. The shopkeeper showed her blankets made of acrylic fibres as well as made of wool. She preferred to buy an acrylic blanket. Why did she choose the acrylic blanket? (1)
4. What is a polymer? Name the natural polymer of which cotton is made. (2)

5. Distinguish between the characteristics of natural and synthetic fibre (two points of difference). (2)
6. What is nylon? State the important property of nylon. (3)
7. Which synthetic fibre feels like wool and is used as a substitute for wool? List its characteristics. (3)
8. Riya's father translocated to another town. While sorting out her clothes, Riya found many of her clothes were of various fabrics were not fitting her or were worn-out. She thought of burning them to get rid of them. But her friend Shweta suggested donating it to some charity house so that it can be reused. (4)
 - (a) What are the two main types of fibres?
 - (b) Which fabrics are known to be skin friendly? Why?
 - (c) Why should we not burn synthetic clothes?
 - (d) Enlist the properties of synthetic fibres.
9. Piku is very fond of art and craft. She decided to make some items like pen stands, purses, toys, etc., using old fabrics and plastics. She donated these items to the needy. (4)
 - (a) Is it practical to say completely 'NO' to plastics?
 - (b) How can we reuse plastic items?
 - (c) Which value of Piku is reflected here?
 - (d) What are the other options that can be used in art and craft work?
10. 'Plastics are a hazard to the environment'. Explain this statement. (4)

Worksheet 1- Biology

1. India is a agricultural country. Why do we require ample food products? (1)
2. Most often we see the gardeners loosening the soil around the plants. What is the purpose behind this? (2)
3. Why are paddy crops not grown in the summer season? (2)
4. Write short note on cultivator. (2)
5. Why do farmers level their fields before sowing seeds? (2)
6. Draw a neat and labeled diagram of i) Hoe (ii) Plough . (2)
7. Define the terms (i) Crop (ii) Ploughing (iii) Crumbs (3)
8. What are the three advantages of tilling? (3)
9. What do you mean by agricultural practices? Make a flow chart of the major agricultural practices involved in farming. (3)
10. Differentiate between the two types of crops grown in India and give two examples for each. (Three points of difference). (5)

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.
- Questions 1-6 are to be answered in 10 to 30 words.
- Questions 7-9 are to be answered in 60 to 80 words.
- Question 10 is to be answered in 80 to 120 words.
- Project work needs to be answered accordingly.

Worksheet 1 (History)

Answer the following questions:

Max Marks: 20

Q1. What is the importance of the three phases of History?

1



Q2. Which four questions are important in the study of history?

1

Q3. Who discovered the sea route to India and when?

1

Q4. Why do you think merchants and traders from Europe came to India?

1

Q5. "Historical events are interpreted differently by different people". Why?

1

Q6. Why did the British conduct so many surveys in India?

1

Q7. "A span of time is more important in history rather than a precise date". Elucidate.

3

Q8. List the defining features of the modern period. Was the modern period really modern?

3

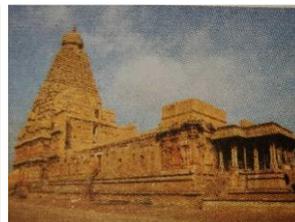
Q9. Write which periods of Indian history do the following belong to.

3

1.

2.

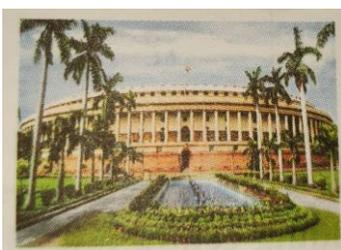
3.



4.

5.

6.



Q10. Make a G.O. of the sources to study modern period. Explain the literary sources in detail. 5

Worksheet 1 (CIVICS)

Answer the following questions:

Max Marks: 20

Q1. All minorities, religious or linguistic groups can set up their own educational institutions in order to preserve and develop their own culture. Which part of the Constitution says this? 1

Q2. Match the columns: 1

Column A	Column B
(i). Panchayati Raj	(a). Article 17
(ii). Constitution comes into force	(b). Dr. B R Ambedkar
(iii). Abolition of Untouchability	(c). Third tier of the government
(iv). Father of the Constitution	(d). 26 th January, 1950

Q3. Why are laws essential? 1

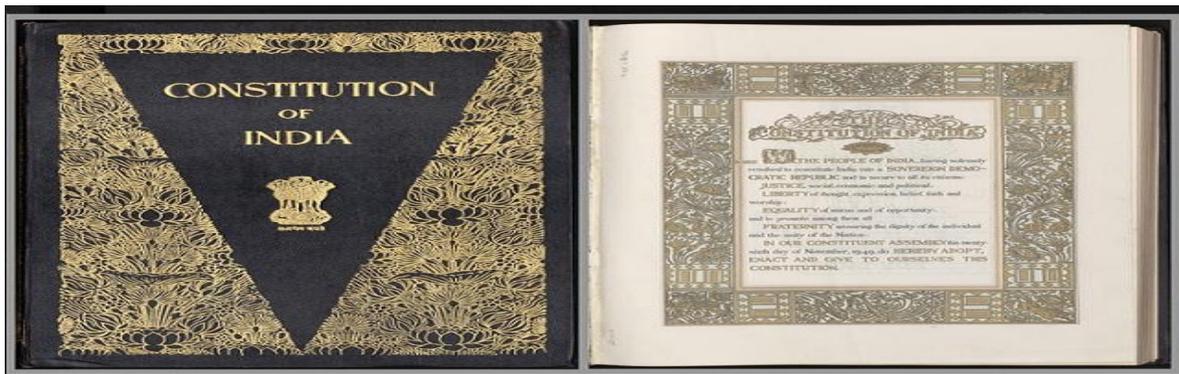
Q4. What does the Parliament consist of? 1



Q5. Explain the term 'Secularism'. 1

Q6. How do democracy and the Rule of Law complement each other? 1

Q7. Why is our constitution important? List any three reasons. 3



- Q8. What is female foeticide? Discuss the efforts made by the government to curb female foeticide. 3
- Q9. Explain briefly the 'Dowry Prohibition Act'. List any three disadvantages of dowry system in India. 3
- Q10. Write short notes on: (2 ½ x 2=5)
- (i). Salt Satyagraha of 1930 (ii). Anti - Liquor Movement

Worksheet 1 (GEOGRAPHY)

Answer the following questions:

Max Marks: 20

- Q1. What do you understand by the term sustainable development? 1
- Q2. Name an important factor which helps to change a substance into a resource. 1
- Q3. Look at the picture given below and answer the following questions: 1



- (a) Under which resource category can the above picture be categorized?
- (b) Write a brief note on the type of power it generates.
- Q4. Name the factors leading to soil degradation. 1
- Q5. Distinguish between National Park and Biosphere Reserves. 1
- Q6. What is the full form of CITES? 1
- Q7. Forest fire is a threat to the entire region of fauna and flora. Why does it occur?
Give any three reasons. 3
- Q8. What are the renewable resources and how can their stock of certain resources get affected? 3

Q9. What is the threat to vegetation and wildlife? What is the need to conserve them?

How can we do this?

3

Q10. Define Soil profile. Explain the different layers of the soil with the help of a diagram.

5

Project Work

Prepare a Power Point Presentation or a Report on Indigo Plantation.

How did Indigo plantation affect India's political, economic and social structure?

Discuss the socio-economic conditions that led to the Indigo revolt.



Guidelines for the project:

1. The total length of the project report should be 8-12 pages/slides
2. Use simple slide design.
3. Use lots of visuals.
4. Keep things simple and to the point.
5. Include maps, pictures and graphs.
6. Follow a sequence, like:
 - What is Indigo?
 - Uses of indigo
 - Places where it is grown in India and other countries
 - Features of Indigo cultivation system
 - How Industrial Revolution increased its demand?
 - How Indigo plantation was harmful for the agricultural land?
 - Indigo Rebellion
 - Analyse the role of ryots and intelligentsia during the revolt.
7. Sources of information
8. Presenter's name, class and section.

सामान्य निर्देश - 1 प्रदत्त प्रश्नानाम् उत्तराणि संस्कृतस्य उत्तर पुस्तिकायाम् लिखत।

2 सर्वेभ्यः प्रश्नानाम् उत्तराणि पूर्णवाक्येन लिखित्वा रिक्तस्थानम् रेखांकितम् कुरुत।

3 कार्यं स्वच्छ, शुद्ध एवं स्पष्ट रूपेण लेखनीय।

1 दिए गए प्रश्नों के उत्तर संस्कृत की उत्तर पुस्तिका में लिखिए।

2 सभी प्रश्नों के उत्तर पूर्णवाक्य में लिखकर रिक्त स्थानों को रेखांकित कीजिए।

3 कार्यं स्वच्छ, शुद्ध एवं स्पष्ट लेख में कीजिए।

प्रश्न 1 अधोलिखितं गद्यांशं पठित्वा प्रश्नान् उत्तरत -

(5)

अहम् एकः वृक्षः अस्मि। पूर्वं मां परितः सघनं वनम् आसीत्। स्वार्थ-सिद्धये मानवाः क्रमेण वृक्षान् अपातयन्। अधुना अवशिष्टः एकाकी अहं संसारस्य क्रिया-कलापम् पश्यामि। वृक्षान् विना वर्षायाः अभावः भवति, भूमिः च शुष्का जायते। सर्वत्र वाहनानां कोलाहलः, धूमः च वर्तते। इदानीं मां परितः भवनानां सघनं वनं, जनानां च आवागमनं अस्ति। अद्यापि अहं विशाल-वृक्षान्, जलपूर्णान् सरोवरान् स्मरामि। वनस्य सघनतायाः कारणात् दिने अपि भास्करस्य रश्मयः तत्र प्रवेष्टुम् असमर्थाः आसन्। पक्षिणः मम शाखासु स्वनीडानि अरचयन्। ग्रीष्मेषु वर्षासु च अहं तेषां सन्ततिम् अरक्षम्। मम शाखानाम् उपरि कूर्दित्वा वानराः अमोदन्त। स्वमित्रैः वृक्षैः सह अहं सततम् अभाषे। कदापि ईदृशः एकाकी खिन्नः च न अभवम्। प्रातः अरुणस्य रश्मयः वृक्षाणां शिखराणि अचुम्बन्। वनस्य खगाः तस्य स्वागतार्थं स्वकलकल-स्वरैः गीतानि अगायन्। पशवः अपि आहारार्थम् आखेटाय इतस्ततः अभ्रमन्। सायंकाले यदा सूर्यः अस्तः भवति स्म तदा पक्षिणः स्वनीडानि प्रत्यागच्छन्ति स्म। तेषां विविधैः स्वरैः सर्वम् वनं कोलाहलमयं वर्तते स्म।

1 एक पदेन उत्तरत -

(क) गद्यांशे कः स्वविषये वदति ?

(ख) वृक्षः कस्य क्रिया-कलापम् पश्यति ?

2 पूर्णवाक्येन उत्तरत -

(क) वृक्षम् परितः किम् आसीत् ?

3 निर्देशानुसारेण उत्तरत -

(क) 'वृक्षान्' पदे प्रयुक्तं विभक्ति वचनं च लिखत।

(ख) 'सूर्यः' इति पदस्य द्वयोः पर्याय शब्दयोः लिखत।

प्रश्न 2 चित्रं दृष्ट्वा मञ्जूषायां दत्तपदानां सहायतया रिक्तस्थानानि पूरयत —

(2)

मञ्जूषा — प्रसन्ना , छत्रम् , बालाः , वर्षा



- 1 अस्मिन् चित्रे भवति ।
- 2 बालाः अधः सन्ति ।
- 3 एकः बालकः धारयति ।
- 4 बालिका अस्ति ।

प्रश्न 3 उचितानि पदानि चित्वा अधोलिखितं संवादं पूरयत —

(2)

मञ्जूषा — रामायणम् , पुस्तकम् , रामस्य , कथा

निशा — हे रमे! तव प्रियम् _____ किम् अस्ति ?

रमा — मम प्रिय पुस्तकम् _____ अस्ति ।

निशा — शोभनम्! रामायणे कस्य _____ अस्ति?

रमा — रामायणे _____ कथा अस्ति ।

प्रश्न 4 भवतः अनुजः सन्तुलितभोजनं न सेवते । अनुजं सन्तुलितभोजनं सेवनार्थं लिखितं पत्रं मञ्जूषायां दत्तैः शब्दैः पूरयित्वा पुनः लिखन्तु- (3)

मञ्जूषा = खादिष्यति, ज्ञातम्, स्वास्थ्याय, भोजनम्, चिन्तयामि, प्रियपुत्र

343, दिलशादनगरम्

मध्यप्रदेशः

तिथिः 20.05.21

.....प्रशान्त!

रुनेहाशीष,

मातुः पत्रेण (i)यत् भवान् सन्तुलितं (ii) न सेवते। एतत् तु न उचितम् शरीरस्य (iii) सन्तुलितभोजनम् अनिवार्यम्। यदि भवान् सन्तुलितभोजनं न (iv) तदा अस्वस्थः भविष्यति। भवान् पुनः इत्थम् न करिष्यति इति अहम्.....।

भवतः अग्रजः

अनिलः

प्रश्न 5 धातु रूपाणि लिखत

(2)

(1) 'गम्' धातु लङ्लकारः प्रथम पुरूषः।

(2) 'पठ्' धातु लृट्लकारः मध्यम पुरूषः।

प्रश्न 6 शब्द रूपाणि लिखत

(3)

(1) 'किम्' (पुल्लिंग) शब्द द्वितीया विभक्तिः।

(2) 'किम्' (स्त्रीलिंग) शब्द षष्ठी विभक्तिः।

(3) 'किम्' (नपुंसकलिंग) शब्द तृतीया विभक्तिः।

प्रश्न 7 मञ्जूषायां प्रदत्तैः उचित अव्ययपदैः रिक्तस्थानानि पूरयत-

(2)

मञ्जूषा - तु , तत्र , अपि , कथम्

(1) सरोवरः अस्ति।

(2) रामः त्वम् मम मित्रम् असि।

(3) मीरा! गजः चलति?

(4) लता! किम् राधा तव भगिनी अस्ति?

प्रश्न 8 घटिकां रचयित्वा प्रदत्तं समयं संस्कृते लिखत।

(2)

अहम् प्रातः 5:30 वादने उत्तिष्ठामि। स्नानम् कृत्वा 6:00 वादने भ्रमणम् करोमि। बसयानेन

7:45 वादने विद्यालयम् गच्छामि। सभागारे 8:15 वादने प्रार्थनां करोमि।

प्रश्न 9 रेखांकित पदम् आधृत्य प्रश्नं निर्मायताम् -

(2)

(1) मम मनसि एका योजना अस्ति।

(2) बलात् उपायः श्रेष्ठः।

(3) अधनस्य कुतः मित्रम्।

(4) त्रैलोक्ये दीपकः धर्मः।

प्रश्न 10 घटनाक्रमानुसारम् अधोलिखितवाक्यानि पुनः लिखत-

(2)

- (1) सर्पः तयोः अपत्यानि अखादत् ।
- (2) काकी अवदत्-“ स्वामिन! त्यजताम् अयं तरुः ।
- (3) वृक्षस्य कोटरे एकः सर्पः आसीत् ।
- (4) कस्मिंश्चित् वृक्षे काकदम्पती निवसति स्म ।

Subject: Computer Science

Chapter 1 – Introduction to Python

INSTRUCTIONS:

- All the practical and project-based homework to be uploaded under **Assignments** in **Microsoft Teams**.
- The screenshots of each question of the Python Program and the output should be pasted in the word file. Save the file in the pdf format with the file name as '*Python - Student Name*'. For eg:- *Python - Shruti Sharma*.
- The mp4 format of the video on '**Digitization of Education**' should be saved with the student's name.

Q1. Fill in the blanks: -

1*5=5 Marks

- A is a set of commands, instructions and other syntax that is used to create software programs.
- GUI stands for
- The statement is used to display the output of the commands.
- The two main parts of the IDLE window are and
- In Python, is used to define a block of code for class, function or loop.

Q2. Answer the following questions: -

2*5=10 Marks

- Why high-level languages are used for creating software programs? Name any two popular high-level languages.
- What are statements in Python programming? How can we create a multiline statement in Python?
- List any four rules to write an identifier.
- Explain variables and data types in Python programming with the help of an example.
- Mention any four features of Python?

Q3. Practical Based Questions: -

2* 5=10 Marks

Write the Python programs for the following: -

- To find the perimeter of the rectangle whose length is 25 cm and breadth is 30 cm.
[$p=2*(l+b)$].
- To find the area of parallelogram whose base is 30 cm and height is 45 cm. [$a=b*h$].
- Take two variables x and y. Assign them the values 126 and 140 respectively.
Display the values of x and y variables using the print() statement.
- Using the print() command display the message 'Python is an Object- Oriented Programming Language' on the IDLE Shell prompt.
- To find the product of two numbers 95 and 15 by assigning it to the variables a and b.

Q4. Project:-

5 Marks

Make a video on '*Digitization of Education*' of 2-3 minutes duration using the Filmora 9 video making software .

Apply all the suitable effects, transitions, audio etc. Export the movie in the mp4 format.