

**St. Mary's School, Dwarka**  
**Holiday Homework**  
**Class X**

**Subject: English**

**Worksheet-I**

- 1. The following passage has not been edited. There is an error in each line. Write the error and the correction in the blanks provided: (1x8=8)**

		<b>Incorrect</b>	<b>Correct</b>
Islamic education arrive in India	(a)	-----	-----
many before Aurangzeb's time,	(b)	-----	-----
fully develop in concept, context and	(c)	-----	-----
functioning.	(d)	-----	-----
It had its beginning on mektabs,	(e)	-----	-----
the Arabic term for school. Though their	(f)	-----	-----
is no indication as for where they	(g)	-----	-----
were first establish.	(h)	-----	-----

- 2. Read the conversation given and complete the paragraph: (1x4=4)**

Julie : When is the Annual Day in your school?

Mona : It will be after two weeks.

Julie : Are you taking part in it?

Mona : Yes, I am taking part as one of the main characters, Charlie.

Julie : Why did you choose that?

Mona : He impresses me.

Julie asked Mona, (a) ----- . Mona replied that (b)-----  
----- Julie enquired (c) ----- . Mona said that  
she was taking part as one of the main characters. Julie asked (d)----- .

- 3. Fill in the blanks with suitable words: (1x6=6)**

Two boys were surprised to see fresh muddy impressions of a (a) -----of feet. They were the imprints of a barefooted (b) ----- in the middle of London. The boys followed the footprints but could not see the person who was leaving them (c) ----- . Still they kept (d) ----- till the muddy impressions grew

fainter and eventually disappeared. These boys were actually following a scientist named Griffin who had conducted a (e) -----of experiments that had led to the invention of a drug which could (f) -----a man invisible.

**4. Rearrange the following words and phrases to form meaningful sentences: (1x4=4)**

- (a) 1884/was/to/parents/Anna Eleanor Roosevelt/troubled/born/but/in/wealthy
- (b) young/when/was/both/she/they/died
- (c) in/cared/to/Roosevelt/by/for/went/grandparents/England/was/and/school/her
- (d) of/had/remarkable/intelligence/was/strength/a/who/woman/she/great/tremendous/character/  
and

- a) \_\_\_\_\_
- b) \_\_\_\_\_
- c) \_\_\_\_\_
- d) \_\_\_\_\_

**5. You are Saksham/Sakshi, Hostel Warden, Sanskriti Public School, Vrindavan, Uttar Pradesh. Write a letter to the Sales Manager, Bharat Electronics and Domestic Appliances Ltd., New Delhi, placing an order for a few fans, microwaves, ovens and geysers that you wish to purchase for the hostel. Also ask for discount permissible on the purchase. (8)**

## Worksheet-II

**1. The following passage has not been edited. Write the error and the correction in the blanks provided:** **(1x8=8)**

		<b>Incorrect</b>	<b>Correct</b>
Inactivity is the greater cause of being overweight these days.	(a)	-----	-----
People physical activity had decreased. The main reason is that there are much labour saving devices.	(b)	-----	-----
	(c)	-----	-----
	(d)	-----	-----
They do not wanted to exercise.	(e)	-----	-----
They spend hour sitting and watch television. Their excess weight make them sick.	(f)	-----	-----
	(g)	-----	-----
	(h)	-----	-----

**2. Read the conversation and complete the paragraph:**

**(1x4=4)**

Mother : Rita, finish your food.

Rita : I don't want to eat this food. You never give me a pizza or burger.

Mother : They are not good for health. You had pizza at your friend's birthday party last evening.

Rita : Fine. Give me french fries and milk shake.

Mother : If you live on junk food, you will spoil your health.

Mother asked Rita (a)----- . Rita replied that (b)-----and complained that her mother----- . Mother said that they were not good for her health and reminded her (c)----- . Rita then asked her mother to give her French fries and milk shake. Mother warned her that if (d)-----.

**3. Fill in the blanks with suitable words:**

**(1x6=6)**

Animals have an equal (a)----- to live on the earth as the humans but many of us (b)-----them deplorably. We find (c)----- people in the cities treating animals kindly but some (d)----- them

a nuisance to the society. Often the stray animals are pelted with stones to (e)----- . A great number of organisations like the PETA have come up to (f)----- the animals, yet many more such initiatives are required to protect them

**4. Rearrange the following words and phrases to form meaningful sentences: (1x4=4)**

- a) education/major/to/absenteeism/a/threat/is/quality
- b) it/a/years/has/concern/over/been/the/grave
- c) a/a/affecting/attendance/grow/factor/ability/is/regular/in /school/and/to/child's/crucial/learn
- d) of/that/regularly/development/of/fact/the/important/a/it/is/for/is/well-known/chidren/all-round/attending school

a)\_\_\_\_\_

b)\_\_\_\_\_

c)\_\_\_\_\_

d)\_\_\_\_\_

**5.** You are Sahil/Sahiba, residing at 65 Dwarka, Ahmedabad, Gujarat. You require some information about German Language Courses offered at the Max Mueller Bhawan, New Delhi. Write a letter to the Director, enquiring about the same. (8)

### Worksheet-III

**Q1. The following paragraph has not been edited. One word has been omitted in each line. Write the omitted word along with the word that comes before and the word that comes after against the correct blank:-** **(1/2x8=4)**

	Before	<u>Missing</u>	After
Happy is the man acquires the habit of	(a)	_____	_____
reading when he is young. He positively	(b)	_____	_____
secured a life-long source pleasure, instruction,	(c)	_____	_____
and inspiration. So long he has his beloved	(d)	_____	_____
books, he never feels lonely. He always a	(e)	_____	_____
pleasant occupation leisure hours, so	(f)	_____	_____
he never feels bored. He the possessor of	(g)	_____	_____
wealth more precious gold.	(h)	_____	_____

**Q2. Complete the passage with suitable words:-** **(1/2x8=4)**

An inadequate public transport system has (a) ..... to an increase (b)..... the number of vehicles(c) ..... the roads. Choked roads have added (d) ..... the traffic woes of commuters. Traffic problems need to (e) ..... because valuable time and energy (f) ..... in traffic jams. Increase in traffic (g)..... also led to an increase in the number of accidents. Extended travel time and unpredictable traffic jams (h) ..... people mad.

**Q3. Rearrange the following words or phrases to make meaningful sentences :-** **(1x4=4)**

- a) enter/millions of tons/the/every year/of/oceans/plastic
- b) are/water/sights/junk-filled/of/common/bodies
- c) population/the/increasing/is/coastlines/along/the
- d) amount of /trash/increase/has led/waste management/lack of/to/an/measures/in the

- a) \_\_\_\_\_
- b) \_\_\_\_\_
- c) \_\_\_\_\_
- d) \_\_\_\_\_

**Q4. Read the following conversation and complete the paragraph given below:-**

**(1x4=4)**

**Lady:** Why didn't you come yesterday?

**Plumber:** It was a busy day.

**Lady:** There is no water in the house.

**Plumber:** I will fix the leakage.

The lady asked the plumber(a)\_\_\_\_\_.The plumber replied(b)\_\_\_\_\_.The lady then informed the plumber (c)\_\_\_\_\_.The plumber said(d)\_\_\_\_\_.

**Q5.Complete the conversation between Sophia and the receptionist:-**

**(1x4=4)**

**Sophia:** Could I have an appointment with the doctor this evening?

**Receptionist:** I'm sorry. (a) .....today .

**Sophia:** Oh! I must see her, as I have to show her my reports so that (b)..... as possible.

**Receptionist:** Okay. I will fix an appointment for 9 p.m. (c)....., as the doctor leaves soon after.

**Sophia:** Thank you. I promise (d).....

### Worksheet-IV

**Q1. The following paragraph has not been edited. One word has been omitted in each line. Write the omitted word along with the word that comes before and the word that comes after against the correct blank:-** **(1/2x8=4)**

	Before	<u>Missing</u>	After
The word victory generally	(a) _____	_____	_____
associated war and brings to mind images	(b) _____	_____	_____
of battles, bloodshed conquest by force.	(c) _____	_____	_____
Some people think war as a glorious	(d) _____	_____	_____
achievement of great warriors struggled	(e) _____	_____	_____
for betterment of the human race.	(f) _____	_____	_____
We often forget realize that	(g) _____	_____	_____
victories of peace even more	(h) _____	_____	_____
glorious than the victories of war.			

**Q2. Complete the passage with suitable words:-** **(1/2x8=4)**

Multiple Sclerosis (MS) is a disease (a) \_\_\_\_\_ which, the patient's immune system attacks (b) \_\_\_\_\_ central nervous system. This can (c) \_\_\_\_\_ to numerous physical and mental problems (d) \_\_\_\_\_ the disease affects the transmission of electrical signals (e) \_\_\_\_\_ the body and the brain. (f) \_\_\_\_\_, the human body, being a flexible and adaptable system, can compensate (g) \_\_\_\_\_ some level of damage. So, a person with MS can look and feel fine (h) \_\_\_\_\_ the disease is present in the body.

**Q3. Rearrange the following words and phrases to make meaningful sentences:-** **(1x5=5)**

- a) very exciting/can be/new country/travelling to/a
- b) it/a lot of/before/actually requires/the visit/preparation
- c) option/is/light/travelling/best/the
- d) also need/we/the local weather/in mind/to/keep
- e) always/enriched/we/return/experience/ a/with/memorable

- a) \_\_\_\_\_
- b) \_\_\_\_\_
- c) \_\_\_\_\_

d) \_\_\_\_\_

e) \_\_\_\_\_

**Q4. Read the following conversation and complete the passage given below:-**

**(1x4=4)**

**Shilpa:** Can I borrow your English textbook?

**Jaya:** Sure you can. When will you return it?

**Shilpa:** I will return it to you after two days from today.

**Jaya:** Please do so as I have to prepare for the exams.

Shilpa asked Jaya (a) \_\_\_\_\_. Jaya replied that she could and asked her

(b) \_\_\_\_\_. Shilpa said she (c) \_\_\_\_\_. Jaya urged her to do that since she

(d) \_\_\_\_\_.

**Q5. Complete the dialogue between Preeti and her mother:-**

**(1x3=3)**

**Preeti :** (a)..... breakfast, today?

**Mother:** I have prepared butter toasts and milk.

**Preeti :** Mother, you know (b)..... Why don't you ever prepare it for me?

**Mother:** Dear, nobody else in the family likes porridge. I have to take care of everyone.

**Preeti :** I understand, I am sorry. Where (c).....?

Mother: Dad has gone to offer prayers in the temple.



## Experiential Learning

### 1-Amazing Journeys

1. In the lesson 'Two Stories about Flying' you read about the first flight of a young seagull (Part I) and a narrow escape by the pilot of the Dakota aeroplane (Part II). Make a power point presentation (maximum 10 slides) on the topics mentioned against your roll no. and mail it to your English teacher.
- **Birds and Their Wing Span – Roll No.1 to 15**
  - **Migratory Birds-Tracing Their Flights – Roll No.16 to 30**
  - **Progression of Models of Airplanes- Roll No. 30 to 45**

### 2-Digging Deep (Story Analysis)

*Reading is an act of civilization; it's one of the greatest acts of civilization because it takes the free raw material of the mind and builds castles of possibilities. —Ben Okri*

You read some interesting short stories like 'A Letter to God' by G L Fuentes, 'The Thief Story' by Ruskin Bond and 'A Triumph of Surgery' by James Harriot in the class. Read some more short stories by the following authors and write an analysis on any one, in your notebook.

1. Ruskin Bond, 2. Anton Chekov, 3. Ursula K Le Guin, 4. Rabindranath Tagore, 5. Saki, H. H Munro
6. Ray Bradbury, 7. Neil Gaiman, 8. Ernest Hemingway, 9. Oscar Wilde, 10. H G Wells 11. O. Henry

The points of analysis are given below:-

- **Summary/Synopsis** (brief outline of the plot)
- **Author** ( author's personal and literary background)
- **Justification of the Title** (Is the title apt/suggestive, intriguing or senseless? Suggest an alternative title.)
- **Setting** ( place and time when story was written, how has this has affected the story)
- **Characterization** (identify the main characters, their physical appearance, age, profession, social status, personality traits, importance in the story)
- **Plot** (divide the story into major/ important events)
- **Conflict** (identify the main conflict )

- **Identify the Literary Devices** (enumerate the literary devices that you come across while reading)
- **Resolution** (Is the ending abrupt/open-ended/interesting/unimpressive/predictable? Give reasons.)
- **Theme(s)** (write about the theme or different themes in the story)
- **Your personal view about the story** (character or the part of the plot that left a great impression on you/ your feelings about the story-liked or disliked the story, what did you take back after reading)

### **3- Health Matters**

**“Now I really mean this. If you do not cut his food right down and give him more exercise, he is going to be really ill. You must harden your heart and keep him on a very strict diet.”**

**Mrs. Pumphery’s over indulgent ways and blind love for her pet dog, Tricki led to his poor health.**

Healthy food and regular exercise is not only essential for a healthy body but also for a healthy mind.

Conduct a survey about the health habits of the members in your family.

Your survey forms can have questions based on the following:-

- Food Habits
- Exercise
- Sleep Patterns
- Use of Social Media
- Other relevant points related to health issues

(You may use Google Forms)

**Note:-**Write a paragraph based on your findings in your notebook.

### **4- Document Your Hobby**

**The boy in the poem ‘The Ball Poem’ by John Berryman, lost his ball and found it difficult to cope with the loss.**

**Hobbies keep us motivated and uplifted even in the troubled times. They bring joy to our lives and afford us with the opportunity to learn a new skill.**

Make a 2 minute video about one of your hobbies/talents/interests/skills and mail it to your teacher,  
(In the video you can talk about the following :-

- inclination
- time to practice
- efforts taken to enhance it
- support of the family members
- any other relevant detail

(A short performance may be included.)

## **Subject-Hindi**

**सामान्य निर्देश :** 1 दिए गए प्रश्नों के उत्तर अपनी उत्तर पुस्तिका में लिखिए।

2 कार्य स्वच्छ, शुद्ध एवं स्पष्ट लेख में कीजिए।

3 गतिविधि के रूप में दिए गए परियोजना कार्य के अन्तर्गत विडियो स्पष्ट होना चाहिए।

## **Worksheet - 1**

### **गतिविधि -1**

**अपने परिवार के सदस्यों के लिए मास्क बनाते हुए एक विडियो रिकार्डिंग कीजिए।**

**प्रश्न 1 निम्नलिखित अपठित गद्यांशों को पढ़कर प्रश्नों के उत्तर दीजिए — (2x5=10)**

(1) नैतिक शिक्षा की आवश्यकता आज छोटे -बड़े सबके लिए है। विद्यालयों में इस प्रकार की शिक्षा विद्यार्थियों को कब और कैसे दी जाए सभी का ध्यान इस बात पर केंद्रित है। यह ध्यान देना इसलिए भी आवश्यक है क्योंकि आज का विद्यार्थी ही भविष्य का कर्णधार है। भविष्य के इन कर्णधारों की आत्मा और सोच यदि नैतिक मूल्यों से संपन्न नहीं होगी तो निश्चित रूप से राष्ट्र समाज और परिवार की नाव कौन पार लगाएगा? सच तो यह है कि आज समाज में सभी लोगों के जीवन व्यवहार एवं मूल्य इस सीमा तक खोखले और दोगले हो गए हैं कि बच्चों को नैतिक शिक्षा कौन दे ? यह भी अपने आप में बहुत बड़ा प्रश्न बनकर रह गया है। विद्यालयों में नैतिक शिक्षा की आवश्यकता और अनिवार्यता पर सभी सहमत हैं। किंतु यह शिक्षा केवल उपदेश देने भर से ही मिल पाएगी इस पर भरोसा नहीं किया जा सकता। 'पर उपदेश कुशल बहुतेरे' की बात तो सत्य है लेकिन महात्मा गाँधी की तरह स्वयं गुड़ खाना छोड़ने पर ही

दूसरों को गुड़ न खाने की सीख देने का नैतिक बल और संकल्प आज शायद कुछ ही लोगों के पास हो। विद्यार्थियों को अध्यापक कक्षा में किसी भी विषय को पढ़ाते समय विचार के स्तर पर ऊँचे नैतिक मूल्यों की सीख दे सकते हैं। परिक्षाओं में नैतिक मूल्य संबंधी विवेचनात्मक प्रश्न पूछे जा सकते हैं। प्रार्थना सभाओं में ऐसी कथा, गीत और कहानियाँ सुनाई जा सकती हैं जो नैतिक रूप से सशक्त व्यक्तित्वों का निर्माण कर सकें। विभिन्न गतिविधियों से छात्रों को जोड़कर नैतिक मूल्यों को उनके व्यवहार में उतारा जा सकता है। चित्रकला, मूर्तिकला, संगीत इत्यादि अनेक विषयों में नैतिक शिक्षा का समावेश संभव है। नैतिक शिक्षा का सबसे प्रभावी रूप है अध्यापक वर्ग का आचरण। यह दायित्व गुरु का है और इसे पूरा करने वाले अभी भी शून्य नहीं हुए हैं। इस सबके साथ साथ परिवार भी अपनी महत्वपूर्ण भूमिका से पीछे नहीं हट सकता।

(क) आज के विद्यार्थियों के लिए नैतिक शिक्षा क्यों आवश्यक है ? (2)

(ख) आज के समय में सबसे बड़ा प्रश्न क्या है ? (2)

(ग) लेखक को किस बात पर भरोसा नहीं है ? (2)

(घ) महात्मा गाँधी जी का दृष्टांत देकर लेखक क्या बताना चाहते हैं ? (2)

(ङ) उपर्युक्त गद्यांश के लिए उचित शीर्षक लिखिए। (2)

(2) समाज में दो तरह के लोग होते हैं – अच्छे और बुरे। जो लोग यह नहीं जानते कि कौन अच्छा है और कौन बुरा, क्या उन्हें आप अज्ञानी समझेंगे? यदि हाँ तो किस आधार पर? दोनों ही तरह के लोगों में शारीरिक समानताएँ हैं। दोनों ही तरह के लोगों के पास दो हाथ, दो पैर, दो कान, दो आँखें, एक मुँह और एक नाक है। फिर अच्छे और बुरे लोगों को कैसे पहचाना जा सकता है? उन्हें पहचाना जा सकता है – उनके व्यवहार से। जब तक किसी का व्यवहार न देखा जाए, किसी को अच्छा या बुरा नहीं कहा जा सकता इसलिए व्यवहार ही किसी व्यक्ति के अच्छे या बुरे की पहचान करा सकता है। क्या कोई भी व्यक्ति कभी बुरा बनना चाहता है? यदि नहीं, तो फिर व्यक्ति बुरे कैसे बन जाते हैं ? जो लोग जीवन में सत्य और अनुशासन का पालन नहीं कर पाते, सही और गलत के भेद को नहीं समझ पाते वे लोग बुरे बन जाते हैं और जो लोग जीवन में सत्य और अनुशासन का पालन कठोरता से करते हैं, वे अच्छे बन जाते हैं। सत्य को कुछ विद्वानों ने ईश्वर का रूप भी माना है क्योंकि सत्यता से किया गया कोई

भी कार्य सबको सुख देने वाला होता है। ईश्वर सत्य के रूप में सबका ध्यान रखता है और हमेशा उन्हीं के साथ रहता है जो सदैव सत्य बोलता है। जीवन में सुख और आनंद प्राप्त करने का माध्यम सज्जनों ने आत्मा और परमात्मा को माना है। आस्तिकों का कहना है कि ईश्वर के विरुद्ध कोई कितने ही तर्क पेश करे, उनकी ईश्वर में आस्था कभी कमजोर नहीं पड़ेगी। वे तर्क सुन लेंगे लेकिन ईश्वर नहीं है इस बात को किसी भी हालत में स्वीकार नहीं करेंगे। उनका मानना है कि तर्क से ईश्वर को पाया नहीं जा सकता। वह तो तर्कहीन है। दूसरी तरफ़ जिन्होंने ईश्वर में अपनी आस्था खो दी है, उनका कहना है कि उन्होंने अपनी नवार्जित आस्था के कारण अपने परिवार और समाज में अकेला पड़ जाने का खतरा भी उठाया है, लेकिन धीरे-धीरे अपने परिवार में उन्होंने ऐसी स्थिति पैदा कर ली है कि उन्हें स्वीकार किया जाने लगा है।

- (क) लेखक के अनुसार अच्छे और बुरे लोगों को कैसे पहचाना जा सकता है? (2)
- (ख) सत्य को कुछ विद्वानों ने ईश्वर का रूप कैसे माना है? (2)
- (ग) आस्तिकों की ईश्वर के विषय में क्या राय है? (2)
- (घ) नास्तिक लोग किस खतरे के विषय में बताते हैं? (2)
- (ङ) उपर्युक्त गद्यांश के लिए उचित शीर्षक लिखिए। (2)

## Worksheet- 2

### गतिविधि -2

किसी कोरोना योद्धा के विषय में एक लघु कथा सुनाते हुए अपनी ऑडियो रिकार्डिंग कीजिए।

**प्रश्न 1 निम्नलिखित मुहावरों के अर्थ लिखकर वाक्यों में प्रयोग कीजिए :** (1x8=8)

- |                     |                           |
|---------------------|---------------------------|
| (क) दबे पाँव आना    | (ख) अंधे के हाथ बटेर लगना |
| (ग) लाज रखना        | (घ) दाँतों पसीना आ जाना   |
| (ङ) दिमाग हो जाना   | (च) राग अलापना            |
| (छ) हँसी खेल न होना | (ज) प्राण सूख जाना        |

**प्रश्न 2 निम्नलिखित वाक्यों का निर्देशानुसार रूपांतरण कीजिए :**

**(1x6=6)**

- |  |                    |
|--|--------------------|
| (क) भूकंप आते ही दीवार में दरार पड़ गई।        | (मिश्र वाक्य में)  |
| (ख) गरजते बादलों में बिजली कौंध रही है।        | (सयुक्त वाक्य में) |
| (ग) घायल सैनिक उठा और शत्रुओं से लड़ने लगा।    | (सरल वाक्य में)    |
| (घ) सीमा ने घर पहुँचते ही भोजन किया।           | (मिश्र वाक्य में)  |
| (ङ) जैसे ही सीटी बजी वैसे ही रेलगाड़ी चल पड़ी। | (सयुक्त वाक्य में) |
| (च) वह बाजार गया और फल लेकर आया।               | (सरल वाक्य में)    |

**प्रश्न 3 शब्दालंकार के भेद लिखकर एक - एक उदाहरण लिखिए।**

**(2x3=6)**

### Worksheet- 3

#### गतिविधि -3

घर में बन्द रहते हुए स्वस्थ रहने के तरीकों के विषय में अपने पिताजी / माताजी से बातचीत करते हुए एक विडियो रिकार्डिंग कीजिए।

**निम्नलिखित प्रश्नों के उत्तर लिखिए —**

**(2x10=20)**

- (क) बड़े भाईसाहब की भूमिका में स्वयं को रखकर बताइए यदि आप उनके स्थान पर होते तो अपने छोटे भाई के साथ कैसा व्यवहार करते?
- (ख) क्या आप रटंत विद्या की ही सफलता का आधार मानते हैं? अपने अनुभव के आधार पर उत्तर दीजिए।
- (ग) समाज या परिवार में किए गए अपने किसी योगदान का वर्णन करते हुए डायरी का एक पन्ना 100 से 150 शब्दों में लिखिए।
- (घ) मीराबाई श्रीकृष्ण की चाकरी क्यों करना चाहती है? दैनिक कार्यों में आप अपने बड़ों की सेवा किस प्रकार करते हैं ?
- (ङ) कबीरदास जी निंदक को अपने पास रखने की सलाह क्यों देते हैं? आप अपनी निंदा करने वाले तीन लोगों के द्वारा दी गई सीख का वर्णन कीजिए।

- (च) मीरा की भक्ति-भावना के विषय में आप क्या जानते हैं? आप ईश्वर का ध्यान करते समय ईश्वर से क्या प्रार्थना करते हैं?
- (छ) आप समाज की किन परंपराओं से असहमत हैं? किन्हीं दो का वर्णन कीजिए।
- (ज) कवि बिहारी ने अपने दोहों में ग्रीष्म ऋतु का वर्णन किस प्रकार किया है? ग्रीष्म ऋतु में एक दिन बिजली की उपलब्धता न होने पर अपना अनुभव लिखिए।
- (झ) कबीरदास जी ने मीठी वाणी बोलने के क्या लाभ बताए हैं? किसी बड़े या छोटे व्यक्ति द्वारा मीठी वाणी न बोलने पर अपनी मनःस्थिति का वर्णन कीजिए।
- (त्र) ततार्रा के चरित्र की विशेषताएँ बताते हुए लिखिए कि आप उसके व्यक्तित्व से किन-किन गुणों को अपने जीवन में अपनाना चाहते हैं ?

#### Worksheet - 4

##### गतिविधि -4

बीते दिनों में अपने परिवार के साथ बिताये गए दिनों के विषय में बताते हुए एक ऑडियो रिकार्डिंग कीजिए।

- प्रश्न 1** दो छात्रों के बीच में देश में आई आर्थिक मंदी के विषय में हुई बातचीत को 70 से 80 शब्दों में संवाद के रूप में लिखिए। **(4x1=4)**
- प्रश्न 2** गरीब जनता को अपने क्षेत्र में लगे भोजन वितरण केंद्र के बारे में बताते हुए एक सूचना पत्र लिखिए। **(4x1=4)**
- प्रश्न 3** कोरोना से बचाव के उपायों के बारे में लोगों को जागरूक करते हुए एक विज्ञापन तैयार कीजिए। **(4x1=4)**
- प्रश्न 4** 'देशव्यापी महामारी कोरोना' विषय पर 80 से 100 शब्दों में एक अनुच्छेद लिखिए। **(4x1=4)**
- प्रश्न 5** अपने जीवन की किसी भी अनुभूति पर एक लघु कथा लिखिए। **(4x1=4)**

## **Subject: Mathematics**

### **Worksheet-1**

**Choose the correct option (Q1- Q5):**

- Q-1 According to the Fundamental Theorem of Arithmetic, if  $p$  (a prime number) divides  $b^2$  and  $b$  is positive, then \_\_\_\_\_. (1)  
a.  $b$  divides  $p$                       b.  $b^2$  divides  $p$                       c.  $p$  divides  $b$                       d. None of these
- Q-2 A positive integer  $n$  when divided by 9, gives 7 as a remainder. What will the remainder be when  $(3n - 1)$  is divided by 9? (1)  
a. 1                      b. 2                      c. 3                      d. 4
- Q-3 Given that H.C.F  $(306, 954, 1314) = 18$ , find the L.C.M  $(306, 954, 1314)$ . (1)  
a. 1183234                      b. 1123238                      c. 1183914                      d. 1123328
- Q-4 If one zero of the polynomial  $f(x) = (k^2 + 4)x^2 + 13x + 4k$  is a reciprocal of the other, then  $k$  is equal to \_\_\_\_\_.  
a. 2                      b. -2                      c. 1                      d. -1
- Q-5 A polynomial of the form  $ax^5 + bx^3 + cx^2 + dx + e$  has almost \_\_\_\_\_ zeroes. (1)  
a. 3                      b. 5                      c. 7                      d. 11
- Q-6 Find the value of  $k$ , if 10,  $k$ , -2 are in A.P. (2)
- Q-7 Find the nature of roots of the quadratic equation  $2x^2 - 4x + 3$ . (2)
- Q-8 The sum of two numbers is 15. If the sum of their reciprocals is  $3/10$ , find the numbers. (2)
- Q-9 The  $n^{\text{th}}$  term of an A.P. is  $5n + 2$ . Find the common difference. (2)
- Q-10 The area of a right angled triangle is  $165\text{cm}^2$ . Determine its base and the altitude if altitude exceeds the base by 7m. (3)
- Q-11 Without actually performing long division, find the decimal expansions of the following numbers.  
(i)  $17/8$                       (ii)  $64/400$                       (iii)  $15/1600$ . (3)
- Q-12 Note down the morning and the evening temperatures of Delhi for a week. Take morning temperature as x-coordinate and evening temperatures as y- coordinate. Plot them on the Cartesian plane. Join these points and observe the rise in temperature. (3)
- Q-13 Out of total number of Covid-19 patients reported on a particular day in Delhi,  $7/2$  times of the square root of the number recovered and the two remaining were shifted to ICU. Find the total number of patients on that day. (4)
- Q-14 If the  $p^{\text{th}}$  term of an A.P. is  $q$  and its  $q^{\text{th}}$  term is  $p$  then show that its  $(p + q)^{\text{th}}$  term is zero. (4)



- Q-15 Draw a seating plan of your classroom. Represent each desk by a square. Write down the name of the student occupying the desk, which the square represent. Describe your friend and your position by shading the squares. Also write down the coordinates of these positions. (4)
- Q-16 Some cities of India are facing the worst attack of desert Locust. Till now a huge area of crop land is destroyed. If the sum of areas of 2 square fields destroyed by Locust is 468 km square and the difference between their perimeter is 24 km, find the side of each square field. (4)

### Worksheet 2

#### Choose the correct option (Q1- Q5):

- Q-1 Four numbers are inserted between the number 4 and 39 such that an A.P results. Find the biggest of these four numbers: (1)  
 a. 33      b. 31      c. 32      d. 30
- Q-2 In an A.P, the sum of first n terms is  $3n^2/2 + 13n/2$ , find its 25th term. (1)  
 a. 80      b. 120      c. 60      d. 78
- Q-3. Let a, b be the roots of the equation  $(x - a)(x - b) + c = 0$ , (1)  
 The roots of the equation  $(x - a)(x - b) - c = 0$  are \_\_\_\_\_.  
 (a) a, c      (b) b, c      (c) a, b      (d) a + c, b + c
- Q-4 Which polynomial represents  $(3x^2 + x - 4)(2x - 5)$ ? (1)  
 a.  $6x^3 - 13x^2 - 13x - 20$       b.  $6x^3 - 13x^2 - 13x + 20$   
 c.  $6x^3 + 13x^2 + 3x - 20$       d.  $6x^3 + 13x^2 + 3x + 20$
- Q-5 Two numbers whose sum is 12 and the absolute value of whose difference is 4 are the roots of the equation \_\_\_\_\_. (1)  
 a)  $x^2 - 12x + 30 = 0$       b)  $x^2 - 12x + 32 = 0$       c)  $2x^2 - 6x + 7 = 0$       d)  $2x^2 - 24x + 43 = 0$
- Q-6 A polynomial of degree 5 is divided by a quadratic polynomial. If it leaves a remainder, then find the degree of remainder. (2)
- Q-7 State whether  $6/200$  has a terminating or non-terminating repeating decimal expansion. (2)
- Q-8 For what value of p the polynomial  $x^3 + 4x^2 - px + 8$  is exactly divisible by  $(x - 2)$ . (2)
- Q-9 Find the value of k for which the following pair of equations has infinite solutions: (3)  
 $5x + 2y = k$  ,       $10x + 4y = 3$ .
- Q-10 The  $n^{\text{th}}$  term of an A.P. is  $5n + 2$ . Find the common difference. (3)
- Q-11 Solve the following pair of linear equations graphically:  
 $2x - 3y = 1$  ,       $3x - 4y = 1$ .  
 Does the point (3,2) lies on any of the line? Write its equation. (3)

- Q-12 The sum of  $5^{\text{th}}$  and  $7^{\text{th}}$  term of an A.P. is 52 and its  $10^{\text{th}}$  term is 46. Find the A.P. (4)
- Q-13 Note down the number of recovered Corona patients in India, USA, and England in the month of May. Write the prime factorization of the numbers obtained. Looking at the prime factorization, find out whether the fundamental theorem of arithmetic is verified? (4)
- Q-14 A medical shop has 4052 pair of gloves and 12576 masks. The owner of the shop wants to stack them in such a way that each stack has the same number and they take up the least area of the shelf. Using the concept of Euclid's division lemma, find out the number that can be placed in each stack for this purpose? (4)
- Q-15 A manufacturing company produced 600 televisions in the third week of April and 700 in the seventh week. Assuming that the production increases uniformly by a fixed number every week, find: (4)
- (i) the production in the first week (ii) the production in the fourth week.

### **Worksheet -3**

**Choose the correct option (Q1- Q5):**

- Q.1 ) What is the least number that must be added to 1056 so that the number is divisible by 23?  
A.0                      B.1                      C. 2                      D.3 (1)
- Q.2) The difference of two numbers is 1365. On dividing the larger number by the smaller, we get 6 as quotient and the 15 as remainder. What is the smaller number? (1)
- A. 360  
B. 295  
C. 270  
D. 240
- Q.3 ) Euclid's division lemma states "Given positive integers a and b, there exists unique integers q and r satisfying  $a=bq+r$ ". Which of the following is true for r? (1)
- A.  $r>a$   
B.  $r<0$   
C.  $0\leq r<b$   
D.  $r>b$

Q.4 ) The polynomial  $p(x)=x-323$  is a\_\_\_\_ (1)

- A. Cubic Polynomial
- B. Quadratic Polynomial
- C. Linear Polynomial

Q.5 ) If  $x=2, y=-1$ , then the value of  $x^2+4xy+4y^2$  is: (1)

- A. 2
- B. -1
- C. 1
- D. 0

Q.6) If the H C F of 657 and 963 is expressible in the form of  $657x + 963y - 15$ , find x. (3)

Q.7) Find the largest possible positive integer that will divide 398, 436, and 542 leaving remainder 7, 11, 15 respectively. (3)

Q.8) Find the value for K for which  $x^4 + 10x^3 + 25x^2 + 15x + k$  is exactly divisible by  $(x + 7)$ . (3)

Q.9 ) If two zeros of the polynomial  $f(x) = x^4 - 6x^3 - 26x^2 + 138x - 35$  are  $2 \pm \sqrt{3}$ . Find the other two zeros. (3)

Q.10) At a certain time in a deer park, the number of heads and the number of legs of deer and human visitors were counted and it was found there were 39 heads & 132 legs. Find the number of deer and human visitors in the park. (3)

Q.11) Solve the pair of linear equations  $41x + 53y = 135$  ,  $53x + 41y = 147$  (3)

Q.12) Solve by factorization :  $4x^2 - 4a^2x + (a^4 - b^4) = 0$  (3)

Q.13) Solve the quadratic equation:  $(x - 3)(x - 4) = 34 / 33^2$  (3)

Q.14) 120 masks, 180 hand gloves and 240 sanitizers are to be packed in equal no. of boxes with same dimensions. How many items of same kind can be kept in each box and how many boxes are required? (4)

Q.15) Under the project 'WE' plant, students planted fruit bearing trees to mitigate hunger. It was decided that the number of trees each section will plant be the same as the class (e.g. Class 1 will plant 1 tree, class 2 will plant 2 trees...). If there are five sections in each of the classes (1-12), find the total number of trees planted by your school. (4)

### Worksheet -4

**Choose the correct option (Q1- Q5):**

Q.1 ) The sum of the digits of a number is subtracted from the number. The resulting number is always :

(1)

- a) divisible by 6                      b) not divisible by 6  
b) divisible by 9                      d) not divisible by 9

Q.2 ) If  $(x-3)$  and  $x-1/3$  are both factors of the polynomial  $ax^2+5x+b$  ,then :

(1)

- a)  $a=5b$                                   b)  $a=b$   
c)  $a=3, b=2$                               d)  $a=\pm b$

Q.3 ) The value of 'a' for which  $(x-3)$  is a factor of the polynomial  $x^3-7x+a$  is :

(1)

- a) -6                      b) 6                      c) 48                      d) -48

Q.4 ). If the quadratic equation  $ax^2+bx+c=0$  has the sum of the roots equal to their product,then:

- a)  $a=b$                       b)  $b=c$                       c)  $b+c=0$                       d)  $b-c=a$                       (1)

Q.5 ) If 7 times 7<sup>th</sup> term of an AP is equal to 11 times the 11<sup>th</sup> term , then the 18<sup>th</sup> term of the AP is:

- a) 143                      b) 1                      c) 0                      d) can not be found                      (1)

Q.6 ) The sum of 1<sup>st</sup> , 3<sup>rd</sup> , 17<sup>th</sup> term of an AP is 216. Find the sum of the first 13 terms of the AP.

(3)

Q.7 ) Show that the sum of an AP. Whose 1<sup>st</sup> term is a ,2<sup>nd</sup> term is b and last term is c is equal to

$$(a+c)(b+c-2a) / 2(b-a).$$

(3)

Q.8 ) Solve for x by factorization method:  $x^2 - 4ax + 4a^2 - b^2 = 0$

(3)

Q.9 ) A number consists of three digits whose sum is 17. The middle digit exceeds the sum of the other digits by 1. If the digits of the number are reversed, the number is diminished by 396, find the number.

(3)

Q.10) A fox and an eagle lived at the top of a cliff of height 6m, whose base was at a distance of 10m from a point A on the ground. The fox descends from the cliff and goes straight to the point A. The eagle flew vertically upto a height x metres and then flew in a straight line to a point A, the distance traveled by each being the same. Find the value of x.

(3)

Q.11) Which term of the sequence 114, 109, 104, ... is the first negative term ?

(4)

Q.12) Ask the present age of your family members and make two linear equations. Solve them graphically and algebraically.

(4)

Q.13) A passenger while boarding the plane, slipped on the stairs and got hurt. The pilot took him for treatment. Due to this plane got delayed by half an hour. To reach the destination 1500 km in time the

speed of the plane is increased by 250 km/hr than the usual speed. Find the usual speed of the plane. What value is depicted in this question? (4)

Q.14) Due to lockdown, migrant workers walk from Delhi to their hometown Rajasthan. They travelled at certain speed and covered the distance of 450Kms in 48 hours. If they increase the speed by 2Km/hr, they take 5 hours less. Find their original speed using the concept of quadratic equations. (4)

Q.15) A sum of Rs. 2800 is to be used to award four prizewinners. If each prize is Rs.200 less than the preceding prize, find the value of each of the prizes. (4)

## **Subject: Science**

### **Objectives:**

To ensure revision of concepts.

To enhance skills to carry out research work and develop scientific aptitude.

To encourage learning through experience.

\*Attempt the questions keeping in mind the weightage of each question.

(1) Answer the 1mark questions in 5-10 words.

(2) Answer the 2marks questions in 10-20 words.

(3) Answer the 3marks questions in 20-30 words.

\* Attempt your worksheets in the science notebook, scan the notebook and mail the pdf to the respective teachers.

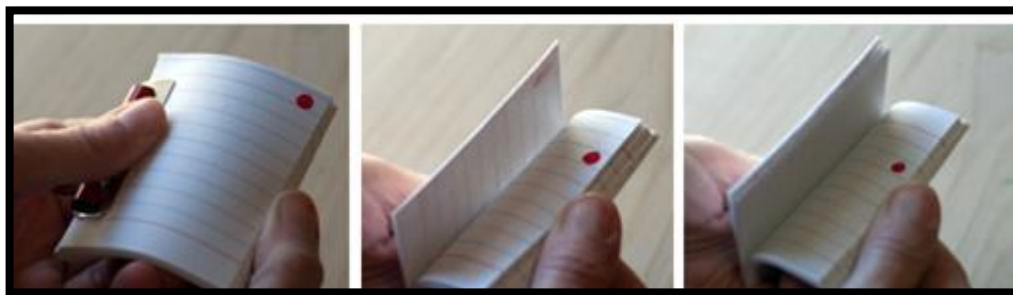
\* Document and mail the activities according to the specific instructions given with them.

### **Worksheet 1**

### **Activity:**

Follow the steps given below to create a flipbook:

1. Take 20 pages with dimensions 20cm x 10cm.
2. Bind them together in the form of a book.
3. Make dots on each page at the extreme right-hand side. Start putting the dots gradually from top to bottom, as shown in the figure, with a minor shift in each dot from the previous one.



4. Now flip the book quickly and answer the following questions.

- i) What do you observe?
- ii) Why do you think this happened?
- iii) List any other example around you where you can observe similar effects.

### Assignment 1

#### Physics

Q1. The headline from a popular newspaper reads as follows:



What are the types of emissions released by thermal power plants? What do you mean by clean energy? (1)

Q2. Stand in front of a mirror and look at your image. What is the nature and size of the image you see? What will be its magnification? (2)

Q3. A student sitting in the last row has difficulty in seeing the words written on the blackboard. What could be the defect of vision he is suffering from? How can it be corrected? Draw ray diagrams for defect of vision and its correction. (3)

#### Chemistry

Q1. Take your mother's help to set curd at home. What is the material of the container used and why? (2)

Q2. 'Always follow the baking recipe word for word because baking is a science.' With this quote in mind, download the recipe, go through the ingredients and bake a cake. Compare the ingredients of the cake to that of an instant semolina idli.

- a) Which is the common ingredient used to make them fluffy?
- b) Explain the process which helps the cake to rise. Write the relevant chemical equation. (2)

Q3. You planned to fix a few iron nails on a wooden block but observed that they were rusted.

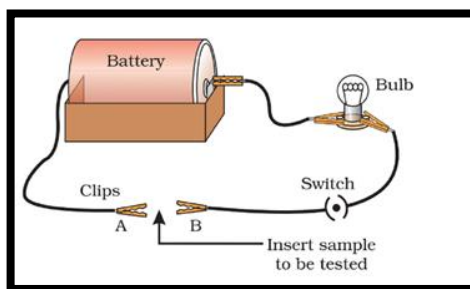
- a) Write down the colour and texture of a rusted nail. How is rust formed?
- b) Follow the given steps and record the observation
  - i) Put two rusted iron nails and 25ml of vinegar in a glass tumbler.
  - ii) Leave the arrangement undisturbed for two days. Take out the nails and wash them with water.
  - iii) Support the inference with explanation. (2)

### **Biology**

- Q1.a) Place your right thumb on the vein of your left wrist and count the frequency of the pulse per minute.
- b) Exercise for 10 minutes and count the pulse again. Why is there a fluctuation in the rate of frequency? (2)
- Q2. You could not complete the cross-country race due to a muscle cramp in your left leg. What was the cause of this discomfort? What would you do to ease the cause of discomfort? (2)
- Q3. Take a morsel of chapati or bread and chew it for at least one minute. Note the change in its taste.
- a) Which enzyme has led to the change in the taste? (1)
  - b) Which nutrient did the enzyme act on? (1)
- Q4. Take a beaker of warm water and put a fresh leaf in it.
- a) What do you observe? (1)
  - b) Why do you think the above process has taken place? (1)
  - c) Draw the labeled diagram of the above activity. (1)

### **Worksheet 2**

**Activity:** Prepare an electric circuit as shown in the figure.



Place a metallic wire, a spoon, the graphite rod of a pencil sharpened from both the sides, a rubber band, an eraser, a plastic comb, a wooden stick between point A and B to complete the circuit.

- a) Which of them are good conductors of electricity? Why?
- b) Which of them are insulators?
- c) 'All the insulators are not non-metals'. Comment.

**Assignment:**

**Physics**

- Q1. Why is only red colored light used at the traffic signals to stop vehicles? (1)
- Q2. Microscope is used to observe slides in a biology lab. You would have noticed a mirror just below the stage (place where you keep your slides). What is the type and function of this mirror? (2)
- Q3. While travelling by Delhi metro, you would have seen a big spherical mirror on the platform for safety. If the metro was 2.0m away from the mirror, its image was formed 5cm inside the mirror. Determine: (3)
- a) The type of mirror
  - b) The focal length of the mirror
  - c) The magnification of the image.

**Chemistry**

- Q1. While shopping you would have noticed that pickles/ curd/ tomato ketchup/tamarind sauce etc. are not stored in metallic containers.
- a) Why are metallic containers considered inappropriate to preserve them?
  - b) Which material is used to make the containers for this purpose? Give reason. (3)
- Q2. To remove the stain of curry from your clothes, you added a few drops of soap solution on it. Would there be any change in colour? What will happen if we add a few drops of lemon juice on it? Explain the observations after each step. Also define the type of chemical reaction involved. (3)
- Q3. What will happen if you rub tamarind paste or lemon juice on a tarnished copper vessel? Explain the process involved. (3)



### **Biology**

- Q1. While you were walking on the road you were chased by a dog. Name the hormone responsible for your reaction. (1)
- Q2. Express the physiological changes experienced while facing the situation of flight or fight. (2)
- Q3. Plan (identify and categorize) segregation of the waste generated in your house with the help of your family members and then classify them into reducible, reusable and recyclable items. How is segregation of waste beneficial to the environment? (2)

### **Worksheet 3**

#### **Activity:**

Take a tablespoon of baking powder in a glass tumbler. Add a pinch of food colour if available. Pour 50ml of vinegar in it.

- Note down your observation and explain it with the help of a relevant chemical equation.
- From the above information, write down the steps for creating a model. Support your presentation with a labelled diagram.

#### **Assignment:**

### **Physics**

- Q1. While on a road journey in your car with your parents, you would have stopped at a fuel station. Name the fuel used in your car. List any two characteristics of this fuel. (1)
- Q2. While observing the night sky you would have seen stars twinkling. Will the same effect be seen while observing a planet? Give reason. (2)
- Q3. Take a pencil and put it in a glass tumbler half filled with water. What do you observe? Name the phenomenon. If the refractive index of water in a tumbler is 1.33 and the speed of light in air is  $3 \times 10^8 \text{ ms}^{-1}$ . Calculate the speed of light in water. (3)
- Q4. You would have noticed that the person driving a car adjusts the side view mirrors to get a better image of the vehicles behind. Name the type of mirror and specify the nature of the image formed. If the magnification of the mirror used is 0.5 and a bus is 5m away from the mirror. Find the
- the position of the bus as shown by the mirror.
  - the radius of curvature of the mirror. (3)

### Chemistry

- Q1. You must have experienced the taste of vinegar in snacks and pickles. A small amount of vinegar makes food taste bright and fresh, while too much tastes unpleasantly sour. Take 50ml of vinegar in a glass tumbler and note down your observations by performing the following activities- (2)
- a) Observe its odour by wafting method.
  - b) Add a few drops of water and stir. Is it soluble in water?
  - c) Add a few drops of it on turmeric paste and china rose extract separately. Note down if any change occurs. What is the nature of vinegar - acidic or basic?
  - d) What is the composition of vinegar?
- Q2. A student took 2-3g of a substance X in a glass beaker and poured water over it. He observed bubbles along with hissing noise. The beaker became quite hot. Identify X . What type of reaction is it? Give another example of the same type of reaction. (3)
- Q3. Observe and note down the composition of the following substances- (i) an antacid like 'Digene / Gelusil' (ii) calamine lotion (iii) toothpaste (iv) baking powder. (2)
- a) What is the nature of the main chemicals used in them?
  - b) What is the function of these chemicals in the given substances?
  - c) Name the type of chemical reaction involved.

### Biology

- Q1. What would happen if there were no blood platelets in our body? (1)
- Q2. A blood report of a patient shows an increased count of WBC. What does it indicate? (1)
- Q3. During summers you drink more water than winters but the frequency of micturition is more in winters. Give reason for the difference in the output of urine. (2)

### Worksheet 4

#### Activity:

**Watch the movie 'Racing Extinction (2015)' on Netflix or YouTube and answer the following questions:**

- Q1. What is the core message reflected in the movie?
- Q2. Find out the record of mass extinctions from the internet and represent the same on a timeline.
- Q3. Enlist five causes that led to species extinction in the past.

Q4. List three species that have become extinct due to human activities.

Q5. Design a campaign to create awareness amongst the citizens to prevent a possible sixth mass extinction.

**Assignment:**

**Physics**

Q1. A puddle of water appears on the road during a hot summer day. Give reason. (1)

Q2. List any four real life situations where Tyndall effect can be observed. (2)

Q3. During this weather, you would have noticed lot of dry leaves on the road or in a park. (2)

a) Suggest a method to use these leaves to generate fuel.

b) Name the constituents of the gas.

Q4. What do you experience when you step out from a dark room into a well lit room? Which part of the eye helps you to cope with these changes? (2)

**Chemistry**

Q1.a) Why do silver articles like coins, ornaments etc. develop a black coating when exposed to air? (2)

b) Name and explain the chemical phenomenon involved.

Q2. What is rancidity? Explain the concept by giving the example of a packet of potato chips. (3)

Q3. Observe the following - window frames of your house, a cycle chain, a stainless-steel blade and an aluminium pan. (3)

a) Which metals are used in the manufacture of above items?

b) Which preventive methods are applied to save their metallic parts from being corroded?

c) Aluminium is a reactive metal but still aluminium pan is not covered with any preventive coating. Give reason.

Q4. You must have tasted the substances- apple, lemon, baking powder, grapes, tomato, coffee. (3)

a) Classify them as acids and bases.

b) How did you come to this conclusion?

c) Do you think that this is an effective way to find out whether a substance is acidic or basic? Explain.

### **Biology**

- Q1. The number of malaria patients increased tremendously when the population of frogs declined in a village. What could be the cause of it? Explain with the help of a food chain. (1)
- Q2. After harvesting, the agricultural waste/ residue/ stubble is burnt. How does this practice affect the residents in and around that area? What measure or measures would you suggest? (2)
- Q3. During the period of lockdown due to COVID-19, the air quality index has improved considerably all around the world leading to the healing of Ozone hole. State the reason behind this major environmental concern. (2)

### **Subject: Social Science**

#### **Worksheet 1 History**

**Write all the answers in your History notebook**

- Q1. Explain two methods that European employers used to recruit and retain labour in Africa 2
- Q2. What are MNCs? Explain. 3
- Q3. Explain what we mean when we say that the world 'shrank' in the 1500s. 3
- Q4. What was the Bretton Woods Agreement? Explain. 3
- Q5. Give two examples of different types of global exchange which took place in the seventeenth century, choosing one example from Asia and one from the Americas. 3
- Q6. Explain how the global transfer of diseases in the pre-modern world helped in the colonisation of the Americas. 3
- Q7. How do the silk routes link the world in the pre-modern era? Explain. 3
- Q8. Write a note on the effects of the Great Depression on the Indian Economy. 3

#### **Project Work**

Migrant workers who constitute about 50% of the urban population are likely to face job and livelihood crisis owing to Covid-19 pandemic., according to the findings of a research.

Design a Pamphlet to create awareness regarding the issue with reference to the topic Irish Potato Famine from the chapter The Making of a Global World.

### Methodology:

- You should refer to news articles , books and the internet to gather information for the Pamphlet .
- Mention sources of the information collected along with highlighting the causes and effects of the topic

### Guidelines

1. The project must be handwritten along with pictures and illustrations .
2. Cover page- Should include Title, Name, Class and Section.
3. List of contents with page numbers.
4. Project overview - Purpose, aim, methodology and experiences while doing the project

### Worksheet 2 Political Science

- Q.1 Give a brief account of the incident that took place in the Mexico Olympics, 1968 when two African– Americans raised the question of Civil Rights. What role did Peter Norman have in it? What action was taken against them? 5
- Q.2 Do you think that ‘Democracy is the best way to fight for recognition and also to accommodate diversity’? Justify. 3
- Q3. Why is it very difficult to make changes to the power sharing arrangement between the Union Government and State Governments? Explain with examples. 3
- Q4. Explain how power is shared among different organs of government. 5
- Q5. Describe any three demands of the Sri Lankan Tamils. How did they struggle for their demands? 3
- Q6. What is Majoritarianism? How has it increased the feelings of alienation among Sri Lankan Tamils? Explain with examples. 2
- Q7. How have Belgium and Sri Lanka deal with the question of power sharing differently?
- Q8. What was the language policy of India during formation of Indian Constitution? Write in detail. 2

### Project Work:-

**Topic - Popular Struggles and Movements / Consumer Rights.**

**Note:** - You can choose a country from the given list for the Project work —

- i. India
- ii. Sri Lanka
- iii. Kenya
- iv. US
- v. South Africa
- vi. France

### **Objective:-**

This project work is aims to allow an insight and pragmatic understanding of the theme and see all the social science disciplines from interdisciplinary perspective. It should also help in enhancing the Life Skills of the students.

You are expected to apply the Social Science concepts that you have learnt over the years in order to prepare the project report.

### **Guidelines for preparation of Project:-**

- If required, you may access the Google/Wikipedia/Internet to collect data and use different resources to prepare the project.
- If possible, various forms of art may be integrated in the project work.
- The project report should be handwritten.
- It should be written on A4 size sheets.
- The project report should consist of:
  - Cover Page
  - Title page
  - Acknowledgement
  - Content Sheets
  - Conclusion Sheet
  - Bibliography

### **Worksheet 3 Economics**

- |  |   |
|--|---|
| 1. Can development of one be destruction for other?  | 3 |
| 2. How can two countries be compared?  | 3 |
| 3. How can an economy be classified on production basis?   | 3 |
| 4. What do you mean by problem of double counting? Give an example.  | 3 |
| 5. What are public facilities? Why should it be provided by government? Explain with reference to the current situation. | 3 |
| 6. What is economic development?   | 2 |
| 7. What is per capita income? How is it different from GDP?  | 2 |
| 8. People may have conflicting goals. Give reasons.  | 3 |

9. Write a short note on HDI.

3

**Project:- What is Consumer Awareness? Why is it needed?**

**PREPARATION AND SUBMISSION OF PROJECT REPORT: -**

The following is required to be fulfilled for its preparation and submission:

1. The total length of the project report will be 10 -15 pages.
2. The project report will be handwritten, and credit will be awarded to original drawings, illustrations and creative use of materials.
3. The project report will be developed in this sequence-
  - Cover page showing project title, student information, school and year
  - List of contents
  - Acknowledgements and preface (acknowledging the institution, offices and libraries visited and person who have helped).
  - Introduction.
  - Objectives.
  - Developments around the world
  - Steps taken by Government of India
  - Conclusions (summary and suggestions or findings, future scope of study)
  - Bibliography

**Worksheet 4 Geography**

- |   |   |
|---|---|
| Q1. What is agenda 21?  | 1 |
| Q2. Describe any three steps that can be taken to solve the problem of land degradation?                        | 1 |
| Q3. Which international organization has classified existing plants and animal species of the world?            | 1 |
| Q4. What does the qualitative scarcity of water mean?   | 1 |
| Q5. What are the factors which help in the formation of soil?   | 1 |
| Q6. "There is a major problem due to the indiscriminate use of resources by man" Discuss.                       | 3 |
| Q7. Why did Jawaharlal Nehru proclaim that dams are the "temples of modern India"? Explain any three reasons.   | 3 |
| Q8. India has a wide variety of relief features, which are the most important resources. Justify the statement. | 3 |
| Q9. Explain the various stages of the resource planning.  | 3 |
| Q10. Explain the rubber cultivation in India under the following heads:   | 3 |
| a. Importance   |   |

- b. Geographical conditions
- c. Major producing states

### **Project**

Prepare a PowerPoint presentation on a resource exhibiting its importance and a need for conservation.

Out of the given resources pick one resource of your choice **water /mineral/ forests/wildlife.**

5

### **Contents:**

- Which resource am I?
- Type of resource.
- Importance of the resource
- Availability of the resource.
- Area of depletion
- Measures to conserve (steps taken by government and your personal contribution towards conservation.)
- Resources to be reflected on the map.

### **Subject: Computer Science**

#### **Practical Section**

**M.M. 20**

1. Using the hints : IT applications on the cloud, Microsoft Azure, SharePoint, Payment Gateway Solution, Microsoft .Net Frameworks
  - a) Create a document and write a paragraph on the theme “Latest in Microsoft Technologies” in about 200 to 300 words.
  - b) Create a new style in MS-Word and apply the new created style to the above document.

**You may refer the following websites:**

3

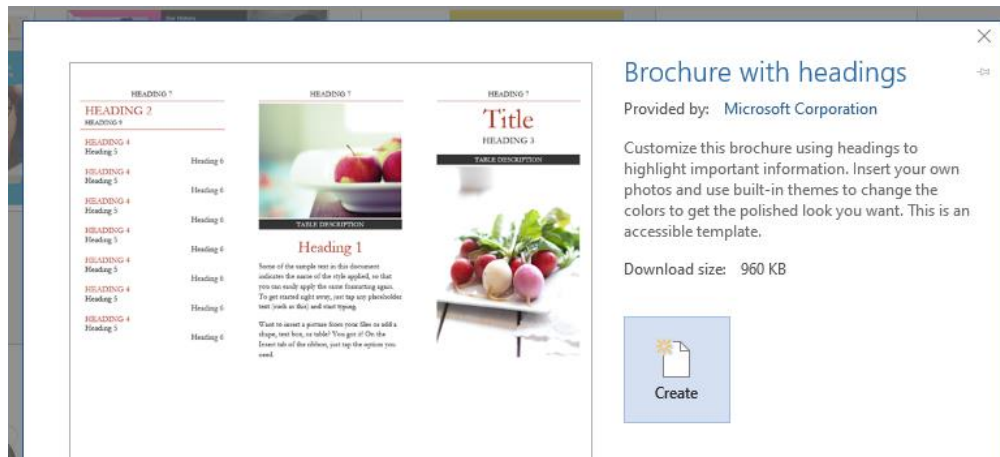
<https://www.srinsofttech.com/microsoft-development.html>

<https://www.infoworld.com/article/3512018/5-microsoft-developer-tools-and-technologies-to-explore-in-2020.html>



2. Create a template of a brochure with headings about 'Being Safe'.

3



3. a) Type a paragraph on the theme convergence of technologies. b) Create a table of contents for the document and define a hierarchy of headings. 2

4. Print the book labels using Mail Merge-

Note: a) must be 30 labels on one page b) The label must have the following details: 2

**Name of the Student :**

**Class & Section :**

**Admission Number :**

**Address :**

5. Create an excel file with the name NUM1.xls. Calculate the consolidated amount in the new sheet **summary** for the expenses incurred in all the four regions NORTH, SOUTH, WEST and EAST. 2

### **NORTH Region**

Expenses	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Airfare	₹ 4,086.99	₹ 4,300.21	₹ 4,060.89	₹ 4,224.47
Lodging	₹ 429.96	₹ 409.54	₹ 405.17	₹ 442.25
Transportation	₹ 43.76	₹ 41.31	₹ 40.34	₹ 43.65
Meals	₹ 85.51	₹ 82.48	₹ 83.56	₹ 80.08
Entertainment	₹ 200.87	₹ 211.09	₹ 215.70	₹ 206.19
Materials/Giveaways	₹ 447.26	₹ 435.96	₹ 429.13	₹ 415.03
<b>Total</b>	<b>₹ 5,294.35</b>	<b>₹ 5,480.59</b>	<b>₹ 5,234.79</b>	<b>₹ 5,411.68</b>

## **SOUTH Region**

Expense	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Airfare	₹ 4,295.06	₹ 4,372.89	₹ 4,354.34	₹ 4,422.14
Lodging	₹ 442.15	₹ 401.29	₹ 430.12	₹ 448.06
Transportation	₹ 44.06	₹ 43.54	₹ 41.54	₹ 44.19
Meals	₹ 85.45	₹ 82.48	₹ 88.36	₹ 81.77
Entertainment	₹ 206.46	₹ 205.31	₹ 200.09	₹ 205.66
Materials/Giveaways	₹ 436.61	₹ 402.29	₹ 446.13	₹ 404.78
<b>Total</b>	<b>₹ 5,509.79</b>	<b>₹ 5,507.81</b>	<b>₹ 5,560.58</b>	<b>₹ 5,606.59</b>

## **WEST Region**

Expense	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Airfare	₹ 4,024.19	₹ 4,168.62	₹ 4,096.31	₹ 4,065.46
Lodging	₹ 441.32	₹ 418.46	₹ 411.14	₹ 437.78
Transportation	₹ 43.55	₹ 41.55	₹ 41.67	₹ 42.43
Meals	₹ 84.47	₹ 89.84	₹ 85.72	₹ 88.42
Entertainment	₹ 222.16	₹ 224.54	₹ 219.84	₹ 200.24
Materials/Giveaways	₹ 448.19	₹ 419.56	₹ 424.56	₹ 408.62
<b>Total</b>	<b>₹ 5,263.88</b>	<b>₹ 5,362.57</b>	<b>₹ 5,279.24</b>	<b>₹ 5,242.94</b>

## **EAST Region**

Expense	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Airfare	₹ 4,442.11	₹ 4,425.58	₹ 4,130.79	₹ 4,284.76
Lodging	₹ 443.74	₹ 415.82	₹ 436.55	₹ 417.50
Transportation	₹ 44.09	₹ 42.76	₹ 44.94	₹ 40.16
Meals	₹ 84.54	₹ 81.16	₹ 84.98	₹ 84.42
Entertainment	₹ 216.17	₹ 215.49	₹ 209.83	₹ 222.27
Materials/Giveaways	₹ 412.95	₹ 435.30	₹ 447.52	₹ 414.76
<b>Total</b>	<b>₹ 5,643.59</b>	<b>₹ 5,616.11</b>	<b>₹ 5,354.60</b>	<b>₹ 5,463.87</b>

6. Create an excel file with the name CarLoan.xls. Calculate the down payment through Goal Seek feature. 2

**What should be the down payment, in order to bring the EMI to ₹ 10,000.**

Car Loan	
Price of Car	₹ 8,58,720.00
Down Payment	₹ 2,22,170.00
Annual Interest Rate	6.5%
Loan time period in years	5
Monthly Payment	₹ 12,454.83

### **Project Work:**

#### **Case Study on Cyber Security.**

On your visit to your friend's house, your friends want to use your account on a social networking site that asks for a password. As per the understanding between your parents and you, password sharing regarding social networking sites is not permitted.

**Answer the following questions based on the information mentioned above:**

- a) Should you go by your parents' rules (not to share password) or do whatever your friend does? 2
- b) What will be your reaction, if your friend plans to post a video of you and your mates on their facebook page without your consent? 2
- c) It is okay/understandable to ignore someone who is being cyber bullied online. Comment 2
- d) What steps will you take to secure a server? 2