



SARASWATI ENGLISH HIGH SCHOOL

Narpoli, Bhiwandi

ASSIGNMENT - 2

(FIRST SEMESTER)

CLASS : 7th

SYLLABUS

ENGLISH

- 2.1 From a Railway Carriage
- 2.2 The Souvenir
- 2.3 Abdul Becomes a Courtier
- 2.4 How doth the little busy bee
- 2.5 Learn Yoga From Animals
- 2.6 Chasing The Sea Monster
- 2.7 Great Scientist
- **Grammar** : Noun Forms, Rhyming Words, Punctuations, Singular & Plural, Subject & Predicate
- **Composition** : Letter Writing, Story Writing, Speech Writing, News Report, Dialogue Writing.

MARATHI

- 5. दादास पत्र
- 6. टप् टप् पडती (कविता)
- 7. आजारी पडण्याचा प्रयोग

HINDI

- 5. बंदर का धंधा
- 6. 'पृथ्वी' से 'अग्नि' तक
- 7. जहाँ चाहा, वहाँ राह
- 8. जीवन नहीं मरा करता है

MATHEMATICS

- Operations on Rational Numbers
- Indices
- Joint Bar Graph
- Algebraic Expressions and Operations on them

GENERAL SCIENCE

- Measurement of Physical Quantities
- Motion, Force and Work
- Static Electricity
- Heat
- Disaster Management

SOCIAL SCIENCE

- Hist – 3. Maharashtra before the Times of Shivaji Maharaj
- Hist – 4. The Foundation of The Swaraj
- Hist – 5. Conflict With The Mughals
- Civ – 2. Preamble to The Constitution
- Civ – 3. Features of The Constitution
- Geog – 4. Air Pressure
- Geog – 5. Winds

From A Railway Carriage

ENGLISH (Lesson 2.1)

Assignment : Textbook Page 22 & 23

Q.1 Write the following.

1. The sights seen through a railway carriage mentioned in the first stanza.
2. The sights mentioned in the second stanza.
3. The sights mentioned in the third stanza.

Q.2 Think and answer:

1. Why are the sights said to 'fly'?
2. Does the last line make you happy or sad? Why?

Q.3 Find pairs of rhyming words from the poem.

Q.4 Read the following.

'Charging along like troops in a battle'

'Fly as thick as driving rain'

Using your imagination, write one or two comparisons using 'like' or 'as...as'.

The Souvenir

ENGLISH (Lesson 2.2)

Assignment 1 : With the tip of stay on the moon. (TB Pages 24 and 25)

Q.1 Write smaller and related words that you see within the words given below :

1. Exorbitantly
2. Precautions
3. Unauthorized

Q.2 Think and answer:

1. In what time periods is the story taking place?
2. Where does Sayali live?
3. What were the two important instructions?

Q.3 Guess the meaning of the following words :

1. Exorbitantly
2. Precautions
3. Unauthorized

Q.4 Write whether the following statements are Right or Wrong :

1. Sayali was travelling in space for the first time.
2. Many changes had occurred on the earth in the hundred years before Sayali's trip to the moon.
3. There were no old cities left on the earth.
4. Sayali's mother did not want her to go on the trip.

Assignment 2 : A jam-packed a lot of sight-seeing. (TB Pages 25 and 26)

Q.1 Think and Answer

1. What was special about sky watch on the moon?
2. What does it tell you about the conditions on the earth at that time?

Q.2 Rewrite the following sentence using correct punctuation :

1. Wow what a beautiful shot
2. The teacher said Do you want to hear a story today
3. The boys ate three apples two bananas a watermelon and some cherries

4. The girl's father in law was ill
5. There are three lakes in this area the Blue Lake the Green Lake and the Gray Lake.

Abdul Becomes a Courtier

ENGLISH (Lesson 2.3)

Assignment 1 : Father who is a schoolmaster..... I'll put it to good use. (TB Pages 30 & 31)

Q.1 Guess the meaning of the following words in the context of the play.

1. a brighter tomorrow
2. a gem

Q.2 Find words / phrases that mean 'rare'.

Q.3 Think and answer.

1. What does Abdul want to do? How does he plan to do it?
2. What request must Abdul have sent to the Emperor?

Q.4 Answer the following question in one sentence each:

1. What was Abdul's father's profession?
2. How many books could Abdul's father get for him?
3. What was the merchant's reaction to Abdul's work?
4. What job did the emperor give Abdul?

Q.5 Find pairs of rhyming words used on page 31.

Q.6 Write the noun forms of:

- | | | | | |
|-----------|--------------|----------|------------|----------------|
| 1. Move | 3. explore | 5. treat | 7. arrange | 9. repay |
| 2. direct | 4. determine | 6. enjoy | 8. Compel | 10. appreciate |

Assignment 2 : Abdul worked with conviction.....great name and fame. (TB Pages 32 & 33)

Q.1 Think and answer.

1. How did Abdul manage to feed the birds well without spending money?
2. How did the Emperor reward Abdul for his good work as a poultry keeper? Do you think the Emperor's action was right?
3. How did Abdul manage to get expensive jackets for the books?
4. Abdul got the Royal Tailors to work for making the jackets. What skills does it reflect?

Q.2 Write how you take care of your books.

Q.3 The Emperor says he had realised earlier that Abdul had great talent. Does this tally with his actions? Give your opinion.

Q.4 Write the plurals for the following nouns.

1. Woman
2. Family
3. bee
4. cottage
5. life
6. journey

Q.5 Write a letter from Abdul to the Emperor, requesting the Emperor to give Abdul a suitable job.

Q.6 Rewrite the play in the form of a short story.

How doth the little busy bee

ENGLISH (Lesson 2.4)

Assignment : Textbook Page 35

Q.1 Answer the following questions:

1. What does the bee stand for?
2. What does the crocodile stand for?

3. Why does the bee work hour after hours?
4. Why does the crocodile work?
5. Is the bee a gentle creature? Is the crocodile gentle?
6. Why does the parody sound funny?

Q.2 Compare the original poem and its parody using the following points:

Points	How doth the little busy bee (original)	How doth the little crocodile (parody)
Choice of subject (an animal)		
Number of lines and stanzas		
Same or similar construction		
Tone of the poem		

Q.4 Open ended questions :

1. Which do you like better-the original poem or the parody? Why?
2. Describe a crocodile in your own words. Tick mark the words and phrases you will use in a realistic description:
 little shining tall golden scale cheerful
 grin claws gently smiling jaws

Q.6 Pick out the rhyming words form both the poems.

Learn Yoga from Animals

ENGLISH (Lesson 2.5)

Assignment : Since the year 2015.....practise them on your own. (TB Page 37)

Q.1 Think and answer :

1. Where was yoga perfected?
2. What does yoga involve?
3. What are the benefits of yoga? Show it in diagram form.

Benefits of Yoga

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4. What is biomimicry?
5. In what way is yoga a form of biomimicry?

Q.2 Complete the following diagrams.

What is Yoga?

Precautions in Yoga Practice

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Q.3 List the names of body parts used in the passage.

Q.4 Underline the conjunctions in the following sentences:

1. I will wait for you here till you return.
2. My mother will come if she is invited to the party.
3. You must be tired, for you've studied the whole day.
4. The children slept in the tent and the parents kept guard.
5. My sister is unhappy because she has lost her phone.

Q.5 Fill in the blanks with the correct conjunctions from those given in the brackets:

1. _____we were hungry, we did not complain. (*Although, For*)
2. That bottle will crack _____you are not careful. (*though, if*)
3. We will go for a picnic _____it stops raining. (*since, after*)
4. Take care of your sister _____she will fall down. (*or, still*)
5. You will not get admission _____you work hard. (*and, unless*)

Q.6 Underline the interjections in the following sentences :

1. Bravo! You saved that child from the leopard.
2. Ouch! That was very painful.
3. Hurrah! We finally won.
4. Wow! What a beautiful scene.
5. Ugh! That medicine is bitter.

Q.7 Fill in the blanks with the correct interjections from those given in the brackets:

1. _____! That was a nasty remark. (Hurrah, Ouch)
2. _____! The Poor old lady could not get up. (Wow, Alas)
3. _____! That was a terrible dish.(Yuck, Hush)
4. _____! It's a holiday tomorrow. (Yippee, Bravo)
5. _____! I forgot to give her your message. (Ouch, Oops)

Chasing The Sea Monster

ENGLISH (Lesson 2.6)

Assignment 1 : Our frigate wanted to towards the animal. (TB Page 43 &

Q.1 Guess and write the meaning of:

1. astern to port 2. Blunderbusses 3. Duck guns 4.harpoon

Q.2 Think and answer.

1. What is the name of the narrator?
2. What is the name of the ship?
3. At what time is the event in the first five paragraphs taking place?

Q. 3 From the page 43 & 44, find all the words & phrases used to describe the 'monster'.

Assignment 2: Three cheers greeted..... hurled into the sea. (TB Page 45 & 47)

Q.1 Guess and write the meaning of:

1. cannoneer
2. Harpooner

Q.2 Think and answer.

1. Why did the masts tremble?
2. What reward did the commander offer? To whom?
3. Guess what order the Commander must have given.
4. How long does the whole event described in this lesson take? Work it out.

Q.3 Underline the verbs in the following sentences.

1. Three cheers greeted this order.
2. The shell reached its target and hit the animal.
3. This was our chance, and the Commander decided to take full advantage of it.
4. His face showed great astonishment at my question.
5. The whole crew stayed in their feet the whole night long.

Great Scientists

ENGLISH (Lesson 2.7)

Assignment 1 : Michael Faraday is regarded.... he just kept trying. (TB Page 49 & 50)

Q.1 Think and answer.

1. Guess what the passage is about.
2. What were the odds against Faraday in his childhood?
3. Why do you think Faraday's friend gave him a free ticket to Davy's programme?
4. What was the subject of Davy's lecture?

Q.2 Write what is implied in the following sentence.

'But few know his inspirational life story, which is all about courage and fighting against the odds.' What does it tell you about Faraday's life?

Q.3 What is the meaning of:

1. Reading became his obsession
2. Electricity became a lifelong fascination
3. mentor

Assignment 2 : Destiny had a strange plan during difficult times. (TB Page 50 & 52)

Q.1 Guess the meaning of 'reverse engineer it'.

Q.2 Think and answer.

1. Why did Davy choose Faraday as his secretary?
2. Was Davy fair in his treatment of Faraday?
3. An induction motor is a commonly used electrical machine. What examples of its use are given here?
4. What happens when an electric current is applied to a wire?

Q.3 Write what is implied in the following sentences.

1. 'Even then Davy did not have much hope for Faraday'. What do the words 'even then' suggest?

2. 'People started telling Davy that of all his discoveries, the best was Faraday himself.'
What does this suggest about Davy's work?

Assignment 3 : In 1829, Davy died..... It does not matter who you are.(TB Page 52 & 53)

Q.1 Think and answer.

1. Write the idea behind an electrical generator.
2. Why were Faraday's drawings not accepted?
3. Does it mean they were wrong?

Q.2 Underline the subject in each of the following sentences.

1. Most of my life has been spent in this town.
2. He kept taking notes about the 'mysterious force of electric fluid.'
3. We might even be able to communicate with aliens across different galaxies.

Grammar

ENGLISH

Q.1 Write the Noun form of :

1. treat
2. repay
3. arrange
4. manage

Q.2 Find rhyming words :

1. serve
2. store
3. clerk
4. care

Q.3 Spot at least three abstract nouns in the following paragraph.

We put the plan of action in motion immediately. We kept it a secret. We wanted to give Mrs. Desai a surprise, but her intelligence is really appreciable she spotted the change within a week.

Q.4 Rewrite the following sentence using correct punctuation :

1. Wow what a beautiful shot
2. the girls father in law was ill

Q.5 Write the plurals for the following nouns :

1. women
2. cottage
3. Family
4. Life
5. Bee
6. Child

Q.6 Underline the conjunction in the following sentences:

1. I will wait for you here till you return.
2. My sisters unhappy because she had lost her phone.

Q.7 Underline the interjections in the following :

1. Ugh! That Medicine is bitter.
2. Hurrah! That was very painful.

Q.8 Fill in the blanks with the correct conjunctions from those given in the brackets :

1. You will not get admission you work hard. (*and, unless*)
2. Take care of your sister She will fall down. (*or, still*)

Q.9 Underline the Subject in each of the following sentences :

1. Most of My life has been spent in this town.
2. A chemical explosion happened inside Davy's lab.

Q.10 Underline the Predicate in each of the following sentences :

1. Destiny had a strange plan in store for him.
2. He was unable to explain them in the form of Mathematical equation.

Writing Skill

ENGLISH

1. Write a letter from Abdul to the Emperor, requesting the Emperor to give Abdul a suitable job.
2. Write a letter to your younger brother describing the benefits of physical exercise or take part in sports regularly.
3. Write a letter to the principal of your school applying for a fees concession.
4. Write a paragraph of about 8-10lines about : 'Role of Media in Our life'
5. Draft a speech on the following topic : 'Waste Management'
6. Your parents have gone out to attend a wedding and you are alone at home. A guest comes to your house during that time. Write a dialogue that you have with the guest.
7. Prepare a news report on your school Annual Day Function.
8. Prepare a news report with the headline 'Tree Plantation Programme' .

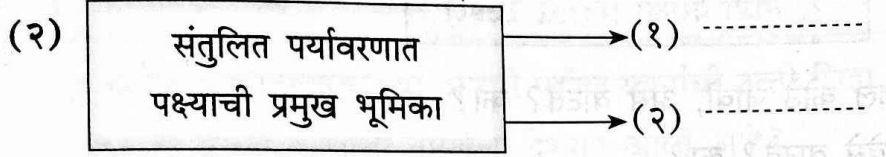
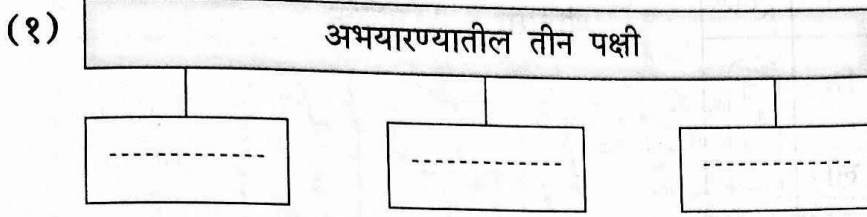
दादास पत्र

MARATHI (Lesson 5)

प्र.१ एक-दोन वाक्यांत उत्तरे लिहा :

१. विद्यार्थ्यांनी अभयारण्यात सहलीला जाण्याचा हट्ट का धरला
२. अभयारण्यातून फिरताना सरांनी विद्यार्थ्यांना माळढोक पक्ष्याबद्दल काय संगितले ?

प्रश्न २ आकृती पूर्ण करा.



प्र.३ पुढील चौकोनातील अक्षरांमध्ये क्रियाविशेषण अव्यये लपलेली आहेत .उभ्या,आडव्या व तिरप्या पद्धतीने अक्षरे घेऊन क्रियाविशेषण अव्यये बनवा व दिलेल्या जागेत लिहा.

ह	ळू	थो	डे	आ	रो
आ	ज	डा	मो	ज	के
ज	रा	सा	व	का	श
त	सा	जि	र	ल	ही
अ	ने	क	दा	चि	त
ति	क	डे	खा	ली	र

टप् टप् पडती (कविता)

MARATHI (Lesson 6)

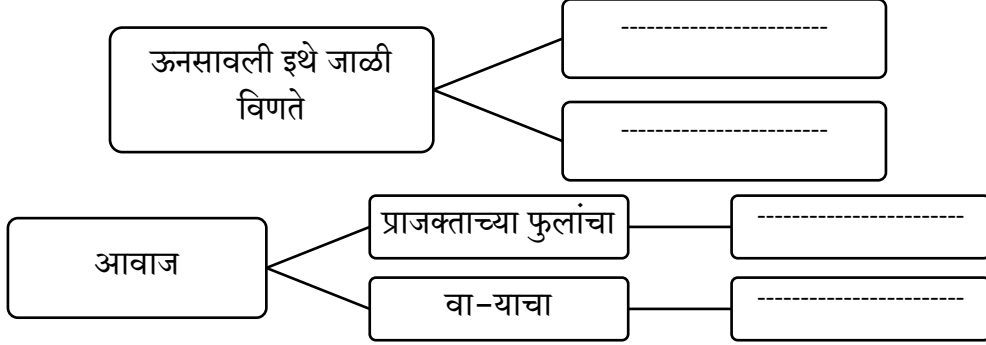
प्र.१ एक-दोन वाक्यांत उत्तरे लिहा :

१. कवितेतील मुलांचे गाणे कधी जुळून येते ?
२. गवत खुशीने का डोलते ?
३. मुलांच्या गाण्यातून काय काय फुलते ?
४. कवितेत खुळे कोणाला म्हटले आहे ?

प्र.२ कवितेच्या पुढील ओळी पूर्ण करा :

१. कुरणावरती, -----
२. हसते धरती, -----
३. पाऊस, वारा, -----

प्र.३ आकृती पूर्ण करा :



प्र.४ पुढील शब्दांत लपलेले शब्द लिहा :

१. कुरणावरती - -----
२. झाडाखाली - -----
३. ऊनसावली - -----

प्र.५ पुढे दिलेल्या करड्या चौकोनातील शब्दांना लाल चौकोनात दिलेले विरुद्ध अर्थाचे शब्द शोधा व लिहा

अशुभ	अपयश	उतार
लहान	बरे, चढ, नफा, आत, आनंद, यश, मोठे, शुभ	बाहेर
वाईट	तोटा	दुःख

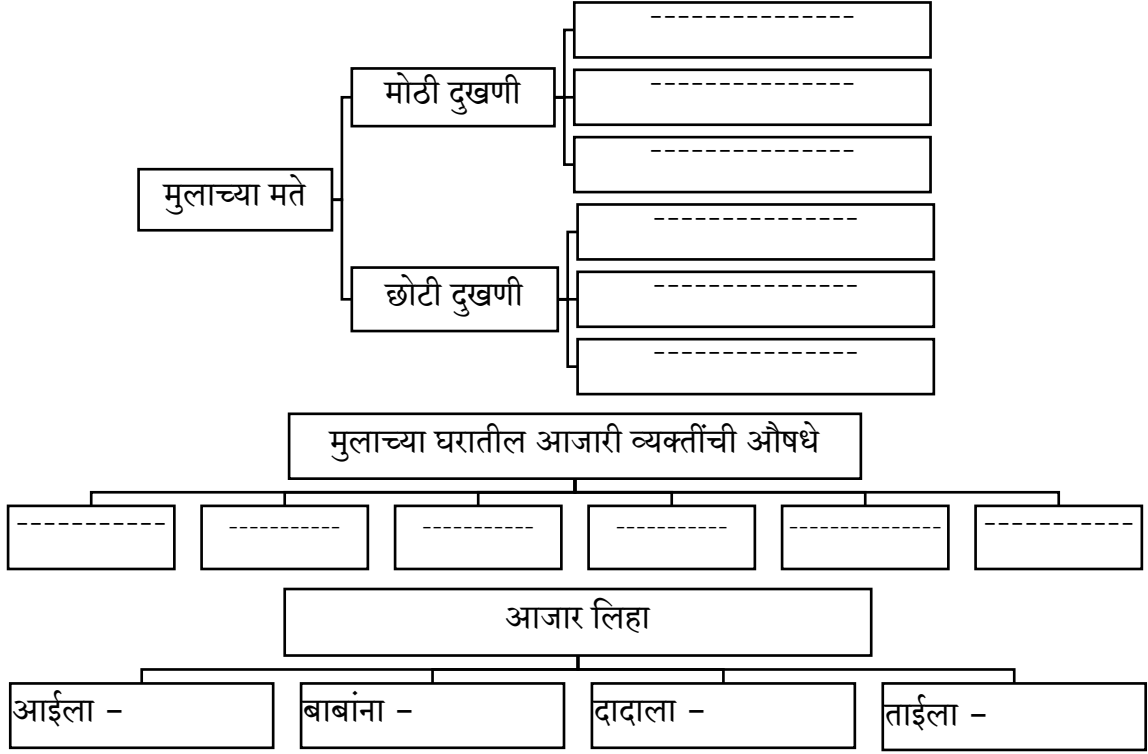
आजारी पडण्याचा प्रयोग

MARATHI (Lesson 7)

प्र.१ केव्हा ते लिहा :

१. पाठातील मुलाला घरच्यांच्या दुःखात सहभागी व्हावे, असे वाटू लागले.
२. मुलाने डॉक्टरांकडून औषध आणायचेच, असे ठरवले.
३. डॉक्टरांचे बोलणे ऐकून मुलाची निराशा झाली.

प्र.२ आकृत्या पूर्ण करा :



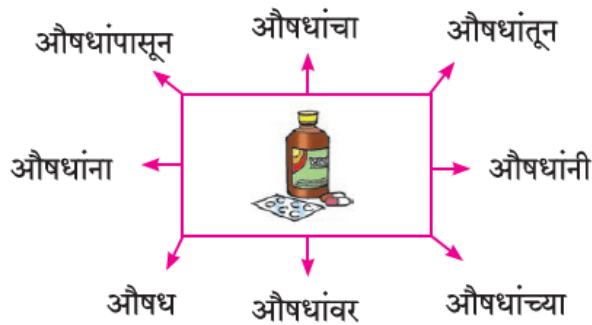
प्र.३ पुढील शब्दांना मराठी भाषेतील पर्यायी शब्द लिहा :

डॉक्टर - ----- ऑपरेशन - -----
मेडिसीन - ----- पेशंट - -----

प्र.४ विरुद्धार्थी शब्द लिहा :

गोड x ----- आनंद x ----- राग x -----
स्वार्थीपणा x ----- छोटी x ----- सुख x -----
स्वतंत्र x ----- पालथे x ----- निराशा x -----
राग x ----- छोटी x ----- चांगले x -----

प्र.५ पुढे दिलेल्या चौकोनातील चित्रासंबंधी काही शब्द दिलेले आहेत ,त्या शब्दांचा उपयोग करून वाक्ये तयार करा.



प्र.६ कंसात दिलेल्या वाक्प्रचारांचा उपयोग करून पुढील वाक्ये पूर्ण करा.

(सुचेनासे होणे, सक्त मनाई असणे, फुशारकी मारणे, ठणठणीत असणे)

१. सुलेमान चाचा रोज सकाळी फिरायला जातात, त्यामुळे त्यांची तब्येत -----
२. ध्वनिक्षेपकाच्या आवाजामुळे घरात आजोबांना काही -----
३. जॉन आज शाळेत नवीन कंपास घेऊन आला होता. वर्गातील सर्व मुलांना दाखवत तो खूप -----
४. तो रस्ता खासगी असल्यामुळे आपले वाहन तेथून नेण्याला -----

प्र.७ पुढील वाक्यातील शब्दयोगी अव्यये अधोरेखित करा.

१. आमच्या शाळेसमोर वडाचे झाड आहे.
२. मुलांनी फुगेवाल्याभोवती गर्दी केली.
३. आमचा कुत्रा मला नेहमी मित्राप्रमाणे भासतो.
४. देशाला देण्यासाठी तुमच्याकडे दहा मिनिटे वेळ आहे का ?

प्र.८ आपली समस्या आपले उपाय

पाठ्यपुस्तक पृष्ठ क्र. २६ वरील चित्र पहा. संवाद वाचा व विचार करून पुढील प्रश्नांची उत्तरे सांगा.

१. नदीचे पाणी कशामुळे प्रदूषित होते ?
२. नदीचे पाणी प्रदूषित होऊ नये म्हणून काय उपाय करता येतील ?
३. जलपर्णी उगवल्याने पाण्यावर कोणता परिणाम होतो ?
४. नदीमध्ये जलपर्णी होऊ नये , यासाठी काय करायला हवे , असे तुम्हाला वाटते ?

प्र.९ जाहिरातीवरील प्रश्नोत्तरे :

(पाठ्यपुस्तक पान क्रमांक २७ वरील जाहिरातीच्या आधारे पुढील प्रश्नांची उत्तरे लिहा :)

१. ही जाहिरात कशासंदर्भात आहे ?
२. कोणत्या कालावधीमध्ये पुस्तक प्रदर्शन भरवण्यात येणार आहे
३. पुस्तक प्रदर्शनाची ठळक वैशिष्ट्ये सांगा.
४. प्रदर्शन कोठे भरणार आहे ?
५. शंभर रुपयांच्या खरेदीवर किती रुपयांची सवलत मिळणार आहे ?
६. पुस्तक प्रदर्शनात तुम्ही कोणत्या प्रकारची पुस्तके खरेदी कराल, ते लिहा.

प्र.१० निबंध लेखन .

१. मी प्रधानमंत्री झालो तर.....
२. माझी शाळा
३. माझा आवडता पक्षी

प्र.११ पत्रलेखन

१. तुमच्या मित्राला तुमच्या वाढदिवसांची निमंत्रण देणारे पत्र लिहा.
२. गणेश चतुर्थीत निमित्ताने ४ दिवसांची रजा मिळण्याबाबत विनंती पत्र लिहा.

प्र.१२ कथालेखन

तुम्हाला आवडणारी गोष्ट लिहा.

बंदर का धंधा

MARATHI (Lesson 5)

प्र.१ उचित शब्द द्वारा रिक्त स्थानों की पूर्ति करो :

१. हाथ लगा ----- के एक दिन टूटा-फूटा आला।
२. बंदर बोला -----पत्ते ,पीपल की जड थाम ।
३. मैं ----- पर कैसे जाऊँ, जल्दी इसे उतार।
४. चल निकला बंदर का धंधा ,अब वह ----मानता ।
५. चमकेगा कुंदन-सा ----- फीस मुझे दे जाओ।

प्र.२ कथन के सामने सही और गलत का चिह्न लगाओ :

१. बंदर के हाथ टूटा -फूटा शीशा लगा ।
२. भालू को खांसी और जुकाम था ।
३. बंदर जंगल से अच्छी-अच्छी जडी बुटिया लाता था ।
४. लोमड़ी डांस करना चाहती थी ।

प्र.३ निम्नलिखित प्रश्नों के उत्तर एक-एक वाक्य में लिखो :

१. बंदर के हाथ क्या लगा ?
२. भालू को बंदर ने क्या दवा दी ?
३. लोमड़ी ने बंदर से कौन-सी बूटी माँगी ?
४. बंदर ने बिल्ली को बुखार उतारने के लिए क्या दवा दी ?

‘पृथ्वी’ से ‘अग्नि’ तक

HINDI (Lesson 6)

प्र.१ कोष्ठक में से उचित शब्द चुनकर वाक्य फिर से लिखो :

१. पृथ्वी प्रक्षेपण के लिए ----- अंतरिक्ष केंद्र में विशेष सुविधाएँ स्थापित की।
(थुबा, श्री हरिकोटा)
२. सिर्फ छह सौ की भव्य उड़ान ने हमारी सारी थकान को एक पल में धो डाला। (मिनट, सेकंड्स)
३. अग्नि टीम में ----- सौ से अधिक वैज्ञानिक थे। (पाँच, सात)
४. इस विवरण ने उन्हें ... की हालत से झकझोरकर बाहर निकाल लिया। (प्रसन्नता, जड़त)

प्र.२ कथन के सामने सही और गलत का चिह्न लगाओ :

१. यह देश के रोकट विज्ञान के इतिहास में एक युगांतरकारी घटना थी ।
२. मै अपनी टीम के सभी सदस्यों से नहीं मिल पाया ।
३. प्रक्षेपण एक अभूतपूर्ण अभ्यास होने जा रहा था ।
४. ज्वार के कारण लहरे किनारो से टकराकर और अधिक शोर मचा रही थी ।

प्र.३ निम्नलिखित प्रश्नों के उत्तर एक-एक वाक्य में लिखो :

१. पृथ्वी का प्रक्षेपण कहाँ होने वाला था ?
२. श्री हरिकोटा के अंतरिक्ष केंद्र में कौन-सी सुविधाएँ स्थापित की गईं ?
३. अग्नि के प्रक्षेपण के लिए कौन-सा दिन निर्धारित किया गया ?

प्र.४ निम्नलिखित प्रश्नों के उत्तर तीन-चार वाक्यों में लिखो :

१. भारत को चुनिंदा राष्ट्रों के समूह में किसने पहुँचा दिया ?
२. टीम के साथ डॉ. कलाम ने कौन-सा अनुभव बाँटा ?
३. अग्नि का प्रक्षेपण पहले स्थगित क्यों करना पडा ?
४. रक्षामंत्री ने डॉ. कलाम से कब और क्या पूछा था ?

प्र.५ उचित जोड़िया मिलाओ :

अ	ब
१. अग्नि	अ. कंप्यूटर
२. श्री हरिकोटा	आ. लहरें
३. स्वचलित	इ. मिसाइल
४. ज्वार	ई. अंतरिक्ष

प्र.६ पाठ में से उचित समानार्थी शब्द ढूँढकर लिखो :

वर्ष = ----- धरती = ----- आग = -----
सागर = ----- दिवस = ----- निशा = -----

प्र.७ पाठ में आए सर्वनाम ढुँढकर ऊनको वाक्य में प्रयोग करो :

१. हमने २. यह ३. हमें ४. मैं ५. जो ६. कुछ

प्र.८ उपसर्ग और प्रत्यय लगाकर शब्द लिखो तथा उनके वाक्य बनाओ ।

(दिन, नम्र, डर, जल, साहस, सत्य)

जहाँ चाह, वहाँ राह

(Lesson 7)

प्र.१ उचित शब्द द्वारा रिक्त स्थानों की पूर्ति करो :

(प्रचुर, वृत्तांत, प्रयासो, अंतरजाल, उपलब्धी)

१. -----से हम जानकारी भी प्राप्त कर सकते हैं ।
२. संगठीत -----से काम आकार लेने लगा था ।
३. गाँव के छगन बाबा ने -----मात्रा में रेत उपलब्ध करा दी ।
४. पूरे गाँव के लिए यह अद्भुत -----थी ।
५. जुई ने पूल के उद्घाटन का -----बनाया ।

प्र.२ कथन के सामने सही और गलत का चिह्न लगाओ :

१. गाँव की बस्ती नाले के एक तरफ थी, पाठशाला दुसरी तरफ ।
२. आत्मविश्वास भरा यह स्वर जुई का था ।
३. देखते देखते सामग्री के लिए आवश्यक राशि जमा हो चुकी थी ।
४. हर कोई गंभीर होकर समस्या के हल के बारे में सोचने लगा ।
५. केवल बीस दिनों में सामूहिक श्रमदान से पूल बनकर तैयार हो चुका था ।

प्र.३ दिए गए पर्यायों में से सही उत्तर चुनकर लिखो ।

अ. येसंबा गाँव के ठीक बीचोबीच

१. एक घना जंगल था।
२. एक नाला बहता था।
३. एक साधु रहता था ।

आ.यही संभावना एक दिन

१. एकाएक काम कर गई।
- २.सब कुछ खत्म कर गई।
३. सबको पसंद आई।

इ. विज्ञान के पुस्तक में हम सबने

१. कृषि के बारे में पढा है।
- २.स्वास्थ्य के बारे में पढा है।
- ३.पुल की जानकारी पढी है।

ई. लेकिन क्या हम हर बरसात में

१. ऐसे ही मस्ती करते रहेंगे।
- २.ऐसे ही चर्चा करते रहेंगे।
३. ऐसे ही भीगते रहेंगे।

उ. हर व्यक्ति इस विचार और विद्यार्थियों के हौसले की.....

१. निंदा कर रहा था।
- २.मजाक बना रहा था।
- ३.प्रशंसा कर रहा था।

प्र.४ नीचे लिखे वाक्य किसने किससे कहे है।

१. “आज इतने विद्यार्थियों के अनुपस्थित रहने का कारण क्या है?”
२. हम कर भी क्या सकते है,हम तो बच्चे है।
३. कोशिश करने वालों की कभी हार नहीं होती।
४. “जब कभी शहर गए हैं, बड़े बड़े पुल देखे भी हैं ।”

प्र.५ निम्नलिखित प्रश्नों के उत्तर एक-एक वाक्य में लिखो :

१. गाँव की पाठशाला में प्रार्थना कक्षा में क्यो हुई ?
२. उस दिन कक्षा में बहुत कम विद्यार्थी क्यो थे ।
३. कौन-सा गीत गाँव में प्रचलित हो गया था ।
४. पुल बनाने के लिए सामग्री खरीदने के लिए कितना पैसा एकत्रित किया गया ?

प्र.६ निम्नलिखित प्रश्नों के उत्तर लिखो :

१. कहानी के शीर्षक की सार्थकता बताओ ।
२. इस कहानी का सारांश लिखो ।

प्र. ७ निम्नलिखित शब्दों को वर्णक्रमानुसार लिखो

येसंबा, पाठशाला , बरगद , तालियाँ , बंजर , असंभव , विद्यार्थी , निरीक्षक , संगणक , उपलब्ध

प्र. ८ निम्नलिखित वाक्यों को पढ़ो और उद्देश्य –विधेय अलग करके लिखो

१. हिमालय देश का गौरव है ।
२. महासागर अपने देश के चरण पखारता है ।
३. निखिल कश्मीर घुमने गया था ।
४. मुंबई देश की आर्थिक राजधानी है ।
५. परिश्रम सफलता की कुंजी है ।

लेखन कौशल्य

निबंध लेखन

१. मेरा पसंदिता त्योहार
२. मेरी पाठशाला
३. मैं यदि पंछी होता / होती तो.....

पत्रलेखन

१. मित्र को अपने जन्मदिन पर बुलाने के लिए आमंत्रण पत्र लिखिए ।
२. बिजली बिल की शिकायत के लिए शिकायत पत्र लिखिए ।

कथा लेखन

‘शेरास सव्वाशेर’ तात्पर्य (सीख)पर आधारित कहानी लिखिए ।

जीवन नहीं मरा करता है

MARATHI (Lesson 8)

प्र.१ उचित शब्द द्वारा रिक्त स्थानों की पूर्ति करो :

१. कुछ ----- के मर जाने से जीवन नहीं मरा करता है।
२. चंद खिलौनों के खोने से ----- नहीं मरा करता है।
३. कुछ ----- की नाराजी से दर्पन नहीं मरा करता है।

प्र.२ निम्नलिखित पंक्तियों का अर्थ लिखो :

१. लाख करे तपझर कोशिश पर उपवन नहीं मरा करता है।
२. कितनी बार गगरियाँ फूटीं शिकन न पर आई पनघट पर।
३. जीवन की शाश्वतता को बताने वाली पंक्तियाँ लिखो।

प्र.३ निम्नलिखित शब्दों के समानार्थी शब्द कविता से ढूँढकर लिखो।

आँसू = ----- दिन = ----- दीया = -----
रैन = ----- पुस्तक = ----- कपड़ा = -----

प्र.४ निम्नलिखित शब्दों का वचन बदलकर लिखो :

सपना = ----- समस्या = ----- कमीज = -----
जिल्द = ----- पोथी = ----- रात = -----

प्र.५ निम्नलिखित शब्दों को अपने वाक्यों में प्रयोग करो :

१. मोती - ----- ४. माली - -----
२. समस्या - ----- ५. धूल - -----
३. चाँदनी - -----

□□□

Operations on Rational Numbers

MATHEMATICS (Lesson 5)

Q.1 Practice Set 22

1. Carry out the following additions of rational numbers.

(i) $\frac{5}{36} + \frac{6}{42}$ (ii) $1\frac{2}{3} + 2\frac{4}{5}$ (iii) $\frac{11}{17} + \frac{13}{19}$

2. Carry out the following subtractions involving rational number.

(i) $\frac{7}{11} - \frac{3}{7}$ (ii) $\frac{13}{36} - \frac{2}{40}$ (iii) $4\frac{1}{2} - 3\frac{1}{3}$

3. Multiply the following rational numbers.

(i) $\frac{3}{11} \times \frac{2}{5}$ (ii) $\frac{12}{5} \times \frac{4}{15}$ (iii) $\frac{(-8)}{9} \times \frac{3}{4}$

4. Writing the multiplicative inverse.

(i) $\frac{2}{5}$ (ii) $\frac{-3}{8}$ (iii) $\frac{-17}{39}$ (iv) $-7\frac{1}{3}$

5. Carry out the divisions of rational numbers.

(i) $\frac{40}{12} \div \frac{10}{4}$ (ii) $\frac{-5}{13} \div \frac{7}{26}$ (iii) $\frac{9}{11} \div (-8)$

Q.2 Practice Set 23

Write three rational numbers that lie between the two given numbers.

(i) $\frac{2}{7}, \frac{6}{7}$ (ii) $\frac{4}{5}, \frac{2}{3}$ (iii) $0, \frac{-3}{4}$ (iv) $\frac{-3}{4}, \frac{+5}{4}$

Q.3 Practice Set 24

Write the following rational numbers in decimal form.

(i) $\frac{13}{4}$ (ii) $7\frac{3}{5}$ (iii) $\frac{5}{12}$ (iv) $\frac{7}{9}$

Q.4 Practice Set 25

Simplify the following expressions.

1. $50 \times 5 \div 2 + 24$

2. $(13 \times 4) \div 2 - 26$

3. $\frac{3}{5} + \frac{3}{8} \div \frac{6}{4}$

Indices

MATHEMATICS (Lesson 6)

Q.1 Fill in the blanks :

(1) $\left(\frac{-2}{5}\right)^3 = \frac{\square}{\square}$	(2) $\left(\frac{2}{7}\right)^1 = \frac{\square}{\square}$
(3) $5^0 = \square$	(4) $2 \times 2 \times 2 \times 2 \times 2 = \underline{\hspace{2cm}}$

(5) $(-8)^4 = \underline{\hspace{2cm}}$	(6) $a^m \times a^n = \underline{\hspace{2cm}}$
(7) $a^m \div a^n = \underline{\hspace{2cm}}$	(8) $\left(\frac{a}{b}\right)^m = \underline{\hspace{2cm}}$
(9) $(a^m)^n = \underline{\hspace{2cm}}$	(10) $a^{-m} = \underline{\hspace{2cm}}$
(11) $a^1 = \underline{\hspace{2cm}}$	(12) $(ab)^m = \underline{\hspace{2cm}}$

Q.2 Practice Set 26**1. Find the value :**

(i) $(-6)^3$

(ii) $(-\frac{1}{2})^4$

iii) 5^3

(iv) -7^4

Q.3 Practice Set 27 (Simplify)

(i) $\left(\frac{6}{7}\right)^3 \times \left(\frac{6}{7}\right)^5$

(ii) $\left(\frac{p}{5}\right)^3 \times \left(\frac{p}{5}\right)^7$

(iii) $7^4 \times 7^2$

(iv) $a^{16} \times a^7$

Q.4 Practice Set 28 (Simplify)

(i) $p^3 \div p^{13}$

(ii) $x^{10} \div x^{10}$

(iii) $m^5 \div m^8$

(iv) $\left(\frac{4}{5}\right)^3 \div \left(\frac{4}{5}\right)^2$

Q.5 Practice Set 29**1. Simplify :**

(i) $\left[\left(\frac{2}{5}\right)^{-2}\right]^{-3}$

(ii) $\left[\left(\frac{5}{8}\right)^3\right]^{-2}$

(iii) $(3^4)^{-2}$

(iv) $\left[\left(\frac{3}{4}\right)^6\right]^1$

2. Write the following numbers using a positive index :

(i) $\left(\frac{2}{7}\right)^{-2}$

(ii) $\left(\frac{11}{3}\right)^{-5}$

Q.6 Practice Set 30 (Find the square root :

(i) 625

(ii) 289

(iii) 1225

(iv) 1089

Joint Bar Graph

Q.1 Practice Set 31

- The number of saplings planted by schools on World Tree Day is given in the table below. Draw a joint bar graph to show the figures.

Name of sapling School Name	Almond	Karanj	Neem	Ashok	Gulmohar
Nutan Vidyalaya	40	60	72	15	42
Bharat Vidyalaya	42	38	60	25	40

2. The percentage of literate people in the states of Maharashtra and Gujarat are given below. Draw a joint bar graph for this data.

State \ Year	1971	1981	1991	2001	2011
Maharashtra	46	57	65	77	83
Gujarat	40	45	61	69	79

Algebraic Expressions and Operations on them

MATHEMATICS (Lesson 8)

Q.1 Fill in the blanks :

- An algebraic expression containing only one term is called _____.
- $-5x$ is _____ type of expression.
- $x^2 - 2xy$ is _____ type of algebraic expression.
- $a^2 + ab + b^2$ is _____.
- Sum of $3x$ and $5y =$ _____.
- The value of $8 \times 4 + 3 =$ _____.
- The solution of the equation $3x - \frac{1}{2} =$ _____.

Q.2 Practice Set 33 (Add)

(i) $13x^2 - 12y^2; 6x^2 - 8y^2$	(ii) $17a^2b^2 + 16c; 28c - 28a^2b^2$
(iii) $9p + 16q; 13p + 2q$	(iv) $2a + 6b + 8c; 16a + 13c + 18d$

Q.3 Practice Set 34 (Subtract the second expression from first one)

(i) $(4xy - 9z); (3xy - 16z)$	(ii) $(6x^2 + 7xy + 16y^2); (16x^2 - 17xy)$
(iii) $(5x + 4y + 7z); (x + 2y + 3z)$	(iv) $(14x^2 + 8xy + 3y^2); (26x^2 - 8xy - 17y^2)$

Q.4 Practice Set 35

- Multiply

(i) $23xy^2 \times 4yz^2$	(ii) $(4x + 5y) \times (9x + 7y)$
---------------------------	-----------------------------------
- The length of a triangle is $(8x + 5)$ cm and its breadth is $(5x + 3)$ cm. Find its area.

Q.5 Practice Set 36 (Solve the following equations)

- $4x + \frac{1}{2} = \frac{9}{2}$
- $5m - 4 = 1$
- $2(x - 4) = 4x + 2$
- $5(x + 1) = 74$

□□□

Measurement of Physical Quantities

GENERAL SCIENCE (Lesson 6)

Q.1 Fill in the blanks:

1. A _____ and a _____ are used to express the magnitude of a physical quantity.
2. The quantity 'speed' is the ratio of _____ and _____ quantities.
3. An international system of units based on seven fundamental units is called _____.

Q.2 One word in the following statements is incorrect. Correct that word and rewrite the statements:

1. Length is a vector quantity.
2. The amount of matter present in a substance is called volume.
3. Mass is vector quantity and weight is a scalar quantity.
4. In MKS system distance is measured in centimetres, mass in grams time is kept in seconds.
5. As the standard of mass, a solid cylinder made of an iron-aluminium alloy is kept in the International Bureau of Weights and Measures at Paris.
6. In Egypt in ancient times, the distance from a man's elbow to the tip of his middle finger was called a span.

Q.3 Explain giving examples.

1. Scalar quantity :
2. Vector quantity :

Q.4 Write answers to the following questions in your own words:

1. Why is the weight of the same object different on different planets?
2. Explain, given examples, the errors that occur while making measurements.
3. Explain the need for accurate measurement and the devices to be used for that.

Q.5 Give reasons:

1. It is not proper to measure quantities by using body parts as units.
2. It is necessary to get the weights and measures standardized at regular intervals.

Motion, Force and work

GENERAL SCIENCE (Lesson 7)

Q.1 Fill in the blanks.

1. If a body traverses a distance in direct proportion to the time, the speed of the body is _____.
2. _____ is a scalar quantity.
3. Velocity has magnitude and _____.

Q.2 State whether the following statements are true or false.

1. When a body performs uniform circular motion, its directions of acceleration remains constant.
2. The direction of acceleration can be opposite to that of velocity.
3. The average velocity of a body can be zero.

Q.3 Explain the following concepts in your own words with everyday examples:

Force, work, displacement, velocity, acceleration, distance.

Q.4 Give scientific reason - Distance and displacement are different concepts.

Q.5 Use your brain power! - The unit of acceleration is m/s^2 . Verify this.

Static Electricity

GENERAL SCIENCE (Lesson 8)

Q.1 Choose the correct option and fill in the blanks.

(Copper, always attraction, always repulsion, charged object)

- 1) There is _____ between like charges.
- 2) A lightning conductor is made of a _____ strip.
- 3) There is _____ when opposite electric charges come near each other.

Q.2 Whether the following statements are true or false:

1. Attraction is used as a test for identifying an electrically charged object. _____
2. If a glass rod is rubbed on the silk cloth, it becomes positively charged. _____

Q.3 Answer the following question in one sentence.

1. How will you protect yourself from lightning?
2. In the lightning conductor, what provision is made for spreading the electricity into the ground?
3. How is the word electricity derived?

Q.3 Answer the following questions in short:

1. Explain why it is not safe to go out with an umbrella when there is heavy rain, lightning and thunder.
2. Why is lightning not seen every day during the rainy season.
3. What are the characteristics of a static electric charge?

Q.6 Describe the construction of an electroscope. (with neat and well-labelled diagrams)

Heat

GENERAL SCIENCE (Lesson 9)

Q.1 Fill in the blanks.

1. Maximum heat is absorbed by a _____ coloured object.
2. _____ of heat does not require a medium
3. Conduction of heat takes place through a _____ substance.
4. Dark cloths are used in winter because they _____ heat.
5. The earth receives heat from the sun by _____.

Q.2 Find the odd man out.

1. Copper, silver, iron, wood
2. Tea cup, plastic tumbler, silver vase, glass tumbler
3. Conduction, convection, expansion, radiation

Q.3 Answer the following question in one sentence.

1. How does a fever get lowered with cold compress on forehead of a patient?
2. What are the modes of heat transfer?
3. Why are thermos flask (Dewar flask) used?
4. What are bad conductors of heat? Give 2 examples.

Q.4 Answer the following question in short:

1. Why are the houses in Rajasthan painted white?
2. Explain which mode of heat transfer causes sea breezes and land breezes?
3. Why is the outer coat of penguins of Antarctica black?
4. Why do we feel warm near the bon-fire?

5. What happens to the radiated heat falling on an object?
6. What is meant by thermoware?

Q.5 Explain the following.

1. Conduction of heat:
2. Radiation:

Q.6 Give scientific reasons:

1. An ordinary glass bottle cracks when boiling water is poured into it, but borosil glass bottle does not.
2. The telephone wires which sag in summer become straight in winter.
3. Dew drops are formed on the grass, in winter.

Disaster Management

GENERAL SCIENCE (Lesson 10)**Q.1 Fill in the blanks.**

1. There is the possibility of loss of life and damage to property in_____.
2. _____is the main cause of famine.
3. _____take place on a large scale due to tsunami.
4. There should be a _____ fitted at the height on your house.

Q.2 True or False? Give reasons for your answer.

1. Information about a forthcoming storm is to be kept secret.
2. It is possible to prevent the eruption of a volcano.
3. Water can be used abundantly.

Q.3 Find the odd man out.

1. Famine, earthquake, cloudburst, railway accident.
2. Lava, hot mud, ash, locusts.
3. Construction of small dams, Not standing under a tree, construction of percolation tanks, cultivation of new forests.

Q.4 What are the remedial measures for the following calamities?

1. Lightning strike.
2. Cloudburst

Q.5 Write answers to the following questions in your own words.

1. What are the measures taken to reduce the impacts of famine?
2. What is a cloudburst?
3. What are the measures to prevent loss of life due to lightning?
4. What is a tsunami? What given rise to a tsunami?

Q.6 Give scientific reasons.

1. Man is responsible for famines.
2. Lives of people can be saved from the disaster of Tsunami.



Maharashtra Before the Times of Shivaji Maharaj

HISTORY (Lesson 4)

Q.1 Complete the following chart :

Sr		Village (Mauja)	Kasba	Pargana
1.	What it means			
2.	Officer			
3.	Example			

Q.2 Find and write :

1. The author of Amrutanubhav
2. He composed Bharud

Q.3 Write the meaning :

1. Baluta
2. Vatan

Q.4 Answer in one sentence each :

1. Write work of Patil.
2. Write work of Kulkarni.
3. What was the work of Deshmukh?

Q.5 Write about these personalities and their work in your own words :

1. Sant Namdeo :
2. Sant Dnyaneshwar :

The Foundation of the swaraj

HISTORY (Lesson 5)

Q.1 Find the odd man out:

1. Pune, Supe, Chakan, Bengaluru.
2. Jadhavs of Phaltan, Mores of Javali, Ghorpades of Mudhol and Sawants of Sawantwadi.
3. Torana, Murumbdev, Sinhgad, Sindhudurg.

Q.2 Select the appropriate alternative :

1. Who invaded Pune province when Shivaji Maharaj was trapped at Panhala?
a) Aurangzeb b) Shaistakhan c) Dilawarkhan d) Jaisingh
2. Shivaji Maharaj renamed Khelna fort as
a) Sinhgad b) Pratapgad c) Vishalgad d) Rajgad

Q.3 Find out and write.

1. Why is Shahajiraje termed as a *Swaraj* visionary?
2. Shivaji Maharaj paid attention to building a navy.

Q.4 Answer in your words: (Answer the following questions in brief)

1. The efforts Veermata Jijabai took for education of Shivaji Maharaj.
2. Shivaji Maharaj started the work of founding the *Swaraj* in the Maval region.

Conflict with the Mughals

HISTORY (Lesson 6)

Q.1 Find the names from the chapter:

1. A dictionary containing Sanskrit words.
 2. He won Trimbakgad.
 3. This *Sardar* was defeated at Vani-Dindori.
 4. A place where the British, Dutch and French had their factories.
- Q.2 Arrange the following events in the Chronological order.**
1. Southern campaign of Shivaji Maharaj
 2. Raid on Lal Mahal
 3. Escape from Agra
 4. Coronation
 5. Treaty of Purandar
 6. Shaistakhan's invasion
- Q.3 Answer in one sentence :**
1. Who was the ruler of Tanjavur?
 2. How did Shivaji Maharaj become the founder of a new era?
- Q.4 Answer the following questions in brief.**
1. Which territories under the control of the Mughals in the Deccan were attacked by Shivaji Maharaj?
- Q.5 Give reasons.**
1. Shivaji Maharaj entered into the Treaty of Purandar.
 2. Shivaji Maharaj took an aggressive stand against the Mughals.
- Q.6 Write about these in your own words: (write short notes on)**
1. Preparations for the coronation
 2. Coronation of Shivaji Maharaj

Preamble to The Constitution

CIVICS (Lesson 2)

- Q.1 Fill in the blanks :**
1. India is a democratic
 2. A State does not have its official religion.
 3. state does not allow concentration of wealth.
- Q.2 Find out the appropriate word :**
1. State is not under control of a foreign power.
 2. All religion are considered equal.
 3. Removal of poverty and providing means of livelihood to everyone.
 4. Respect for every individual.
- Q.3 Answer in brief :**
1. What is meant by adult franchise?
 2. What are the rights that economic justice ensures?
- Q4 Explain the following concept :**
1. Equality of opportunity
 2. Socialist state

Features of The Constitution

CIVICS (Lesson)

- Q.1 Fill in the blanks :**
1. The residuary power are given to the government.
 2. There are states in India.

3. There are Union Territories in India.
4. The union council of ministers is answerable to the

Q.2 Prepare a table to show the divisions of powers in India :

Union List	State List	Concurrent List
↓	↓	↓
(1) (2) (3)	(1) (2) (3)	(1) (2) (3)

Q.3 Find out one word for :

1. Machinery for the governance of the parts (regions) of the country.
2. Machinery for conducting elections.

Q.4 Give reason :

1. The government function at two levels in a federation.
2. The constitution of India has created an independent judiciary.

Air Pressure

GEOGRAPHY (Lesson 4)

Q.1 Fill in the blanks with the appropriate options :

1. Air pressure is expressed in _____. (*millibars, millimetres, millilitres, milligrams*)
2. The _____ pressure belt spreads between 5 North and 5 South parallels. (*Equatorial low, Polar high, Subpolar Low, Mid-latitudinal high*)

Q.2 Answer the following questions in one sentence each :

1. What will be the effect on air pressure if the temperature drops?
2. What are the factors affecting air pressure?

Q.3 Answer the following questions in brief :

1. Write in brief about barometer..
2. What are the effects of air pressure?

Q.4 Give geographical reasons - "Pressure belt oscillate"

Q.5 Write note on the following :

1. Horizontal distribution of air pressure :
2. Polar high pressure belts :

Winds

GEOGRAPHY (Lesson 5)

Q.1 Rewrite the following statements after choosing the correct options.

- 1) When the air expands, it _____.
 - i) becomes solid
 - ii) becomes thinner
 - iii) gets lost
 - iv) becomes humid
- 2) From high air pressure regions, winds _____.
 - i) blow to regions of still higher pressure
 - ii) blow towards regions of cooler air

- iii) blow towards regions of low air pressure
 - iv) remain still
- 3) In the northern hemisphere, winds blowing towards the equator _____ due to the rotation of the earth.
- i) turn to the south
 - ii) turn to the east
 - iii) turn to the west
 - iv) turn to the north
- 4) The direction of the seasonal winds blowing over the Indian Subcontinent during winter is from _____.
- i) Southeast to northwest
 - ii) Southwest to northeast
 - iii) Northeast to southwest
 - iv) Northwest to southeast
- 5) The Roaring Forties in the southern hemisphere _____.
- i) blow towards the equator
 - ii) blow in the areas around 40° S parallel
 - iii) blow from the sub-polar region of low pressure
 - iv) blow around 40° N parallel.

Q.2 Identify the types of winds from the description given below.

1. These winds from the southwest bring rains to the Indian subcontinent. During June to September, India. After this period these winds retreat.
2. These winds blowing from the north pole region towards 60° N parallel cause cold wave conditions in extensive areas covering North America, Europe and Russia.
3. Hilltops get heated quickly during the day. The air in this part becomes hot, light and starts ascending. Hence a low pressure area form in this region. At the same time, the air at foothills being cooler, and that experiences high pressure. Air in that area blow towards low pressure.

Q.3 Answer in one sentence :

1. What is meant by seasonal winds.
2. What are the main types of winds.

Q.4 Answer the following questions in brief.

1. Why is the air pressure high in polar areas in both hemispheres?
2. What effects does the rotation of the earth have on the winds?
3. Why do the cyclonic winds blow in a circular manner?

Q.5 State one reason why / Give geographical reasons:

1. A belt of calm exist near the equator.
2. The winds coming from the northwest in the southern hemisphere have greater velocities than the winds coming from the southwest in the northern hemisphere.