

**ENGLISH**

**GENERAL INSTRUCTIONS:**

- Section A has been allotted Roll No. wise.
- Section B is to be done by all students in the Expressions File.
- Handwriting should be neat and legible.
- The work should be original and not copied from internet.
- Date of Submission: 03-07-2023

**SECTION A**

**Roll No: 1-15**

**(i) Frame a story using idioms**

On an A3 size sheet describe how you have spent your summer holidays using any five idioms. You can make a collage of the important activities that you have done during your vacations and describe the same using idioms.

**Roll No: 16- 30**

**(ii) Waterfall card on Adjectives**

Make an attractive and informative waterfall card on the types of adjectives. Describe any 5 types of adjectives using waterfall card. Also paste pictures to show how these adjectives are used in a sentence.



**Roll No: 31 onwards**

**(iii) Expressing the story using puppet**

Read the novel ‘Heidi’ by Johanna Spyri and imagine yourself to be Klara from the story. You have planned to gift a puppet doll to Heidi as a token of your friendship on her last day in Frankfurt. Make a beautiful puppet doll and on an A4 size sheet express the importance of a true friend.



## SECTION B

### Common Homework for all

1. Find out the tribes of Andaman and Nicobar Islands and Lakshadweep Islands. Write the kind of lifestyle they have and also critically examine some of the problems that they are facing. Also, paste the pictures in your Expressions file about the same.
2. Make your own dictionary of about 35- 40 words. Write the words alphabetically, mention w part of speech. Write at least on sentence to illustrate its usage. Also mention one synonym and antonym of the same.

### ASSIGNMENT WORKSHEET FOR ALL

Take out a print of the given worksheet and solve the following questions.

#### **Q1. Guess the collective nouns.**

1. A group of people who sing in the church or public platforms
2. A number of judges who are engaged in a case
3. A collection of tools
4. A collection of poems
5. A collection of different types of books
6. A number of grapes or nuts on a bunch
7. A collection of ducks, chickens or fowls
8. A number of directors of any institution
9. A number of lions
10. A number of people listening to a lecture/concert

#### **Q2. Identify the subject and predicate in the following sentences.**

1. The Sun sets in the West.
2. Cleopatra was the queen of Egypt.
3. The food tastes delicious.
4. The gown is pretty expensive.
5. My teacher chose the class monitor.
6. My mother is a teacher in a prestigious school.

7. Every day Sam goes to school.
8. Next week my grandparents are going to visit us.
9. The principal suspended the boys for being naughty.
10. Mars is known as the red planet.

**Q4. Underline the nouns and identify their type.**

1. The Royal Bengal Tiger is found in the Sunderbans.
2. The jury gave a unanimous verdict.
3. Laughter is good for health.
4. The crowd is very big.
5. The elephant is an intelligent animal.
6. The Ganges is a sacred river.
7. The bravery of the soldier saved the day.
8. I bought furniture for my new house.
9. King Solomon was very wise.
10. The man was riding a white horse.

**Q5. Fill in the blanks with suitable question tag:**

1. Juhi is from Mumbai, \_\_\_\_?
2. We are late for the movies, \_\_\_\_?
3. Sam isn't a good boy, \_\_\_\_?
4. I was wrong about this, \_\_\_\_?
5. Andrew was present at the school yesterday, \_\_\_\_?
6. You have done your homework, \_\_\_\_?
7. Please stop talking, \_\_\_\_?
8. I am afraid Tim is very sick, \_\_\_\_?
9. Sheena won't mind if I use her book, \_\_\_\_?
10. The girl is playing the piano, \_\_\_\_?

## हिंदी

### सामान्य निर्देश :-

1. सभी कार्य निर्देशानुसार साफ़, सुंदर व स्पष्ट शब्दों में लिखें ।
2. सभी विद्यार्थी कार्य अपने अनुक्रमांक अनुसार करें ।
3. अंतिम देय तिथि - **04.07.2023**

लक्षद्वीप भारत का एक द्वीप समूह है जो अरब सागर में स्थित है। यह द्वीप समूह एक उच्च स्तर की प्राकृतिक सुंदरता से परिपूर्ण स्थान है और उत्तम पानी क्रियाओं के लिए जाना जाता है।

### अनुक्रमांक १ से ११

1. लक्षद्वीप की संस्कृति विभिन्न विविधताओं से भरी हुई है। लोगों की पारंपरिक वेशभूषा का उल्लेख करते हुए **A3** शीट पर रंगीन चित्रों का प्रयोग करते हुए, सहज एवं सरल भाषा में आकर्षक विज्ञापन तैयार कीजिए ।

2. व्याकरण भाषा के नियमों और विधियों के अध्ययन का विज्ञान है। यह विज्ञान भाषा के संरचना, वाक्य संरचना, वर्ण-विचार, संज्ञा, लिंग, वचन, कारक, सर्वनाम, विशेषण, क्रिया, अशुद्धि संशोधन इत्यादि विषयों पर ध्यान केंद्रित करता है।

व्याकरण के नियमों का ध्यान रखते हुए चार्ट पेपर पर 'व्याकरण वाटिका' का निर्माण करें ।

### अनुक्रमांक १२ से २२

1. लक्षद्वीप की संस्कृति विभिन्न विविधताओं से भरी हुई है। लोगों की परंपरागत खानपान का उल्लेख करते हुए **A3** शीट पर रंगीन चित्रों का प्रयोग करते हुए, सहज एवं सरल भाषा में आकर्षक विज्ञापन तैयार कीजिए ।

2. व्याकरण भाषा के नियमों और विधियों के अध्ययन का विज्ञान है। यह विज्ञान भाषा के संरचना, वाक्य संरचना, वर्ण-विचार, संज्ञा, लिंग, वचन, कारक, सर्वनाम, विशेषण, क्रिया, अशुद्धि संशोधन इत्यादि विषयों पर ध्यान केंद्रित करता है।

'मुहावरों के संसार' का निर्माण चित्रों की सहायता से चार्ट पेपर पर करें ।

## अनुक्रमांक २३ से ३३

1. लक्षद्वीप की संस्कृति विभिन्न विविधताओं से भरी हुई है। लोगों की परंपरागत भोजन प्रणाली व प्रसिद्ध व्यंजनों का उल्लेख करते हुए **A3** शीट पर रंगीन चित्रों का प्रयोग करते हुए, सहज एवं सरल भाषा में आकर्षक विज्ञापन तैयार कीजिए ।
2. कहानी पढ़ना एक मनोरंजन का अनुभव है जिसमें हम एक विषय या कहानी के माध्यम से कुछ सीख सकते हैं । कहानी पढ़ने से हमारे लिए न केवल मनोरंजन का अनुभव होता है, बल्कि हमें नई जानकारी, नए विचारों, नए दृष्टिकोण भी प्राप्त होते हैं। कहानियों में दर्शाए गए चरित्रों के जीवन से हमें सीख मिलती है और हम उनसे प्रेरणा भी प्राप्त करते हैं।  
विद्यार्थी अपनी मनपसंद कहानी पढ़कर आपके मन में उभरे चित्र को **A3** शीट पर बनाएँ ।

## अनुक्रमांक ३४ से अंतिम अनुक्रमांक तक

1. लक्षद्वीप की संस्कृति विभिन्न विविधताओं से भरी हुई है। घूमने के लिए बहुत सुंदर-सुंदर पर्यटक स्थल हैं । पर्यटन स्थलों का उल्लेख करते हुए **A3** शीट पर रंगीन चित्रों का प्रयोग करते हुए, सहज एवं सरल भाषा में आकर्षक विज्ञापन तैयार कीजिए ।
2. व्याकरण भाषा के नियमों और विधियों के अध्ययन का विज्ञान है। यह विज्ञान भाषा के संरचना, वाक्य संरचना, वर्ण-विचार, संज्ञा, लिंग, वचन, कारक, सर्वनाम, विशेषण, क्रिया, अशुद्धि संशोधन इत्यादि विषयों पर ध्यान केंद्रित करता है। व्याकरण के नियमों का ध्यान रखते हुए चार्ट पेपर पर 'कारक वृक्ष' का निर्माण करें ।

सभी प्रश्नों के उत्तर व्याकरण कार्य पुस्तिका में करें ।

प्रश्न 1. निम्नलिखित वाक्यों में संज्ञा रेखांकित करके भेद लिखिए :-

(क) आजकल भी ऐसे विभीषण हैं जो देश को बेच सकते हैं ।

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(ख) पंडित जी भारत के प्रथम प्रधानमंत्री थे ।

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प्रश्न 2. निम्नलिखित विशेषण शब्दों से भाववाचक संज्ञा बनाइए :-

(क) छोटा - ----- (ख) चिंता - -----  
(ग) अच्छा - ----- (घ) जिम्मेदार - -----

प्रश्न 3. निम्नलिखित द्वित्व व्यंजनों से दो-दो शब्द बनाइए :-

(क) ज्जा - -----  
(ख) ट्ट - -----

प्रश्न 4. जोड़ियाँ मिलाइए :-

(क) करण से (अलग होने के अर्थ में)  
(ख) अधिकरण को, के लिए  
(ग) अपादान से, के द्वारा  
(घ) संप्रदान में, पर

प्रश्न 5. कंठतालव्य वर्ण कौन-कौन से हैं ?

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प्रश्न 6. नित्य पुल्लिंग शब्द लिखिए ।

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प्रश्न 7. विकारी शब्द तथा अविकारी शब्द में अंतर स्पष्ट कीजिए ।

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प्रश्न 8. निम्नलिखित संकेत बिंदुओं के आधार पर कहानी को पूरा कीजिए तथा उसका उचित शीर्षक लिखिए :-

एक विद्यार्थी - परीक्षा में असफल होना-निराशा - घर छोड़कर जंगल में जाना - पेड़ पर मकड़ी को बार-बार चढ़ने का प्रयत्न करते देखना - सफलता का मार्ग मिलना-ध्यान से पढ़ना -सफल होना-बोध।

## FRENCH

### **GENERAL INSTRUCTIONS:**

- Students to make an A3 size game in Q2 (as per the instruction given below).
- Assignment questions to be done on A4 size sheets by all students.
- **Date of submission: 07-07-2023**

1. Prepare a model on any one of the given below.

- L'arc de Triomphe
- Le corps humain
- Le musée du Louvre
- Les villes françaises
- Les pays francophones
- Les fleuves français
- Les couturiers français

2. Make a dice/board game/flash cards/wall hangings/spin wheel on any of the following topics:

- Les verbes ('er' verbs, aller, avoir, être)
- Les adjectifs

3. **Assignment**

**a. Complétez avec les parties du corps ou les parties du visage.**

1. Je compte avec ..... ( les doigts , les coudes)
2. Je marche avec ..... (les bras, les jambes).
3. J'écris avec..... (la main, le genou).
4. Je regarde avec..... (les yeux, les cils).
5. J'écoute avec..... ( les oreilles, les dents).

**b. Mettez les articles le/la/les /l'.**

- 1.crayons
- 2.feutres
- 3.cartable
- 4.cadeau
- 5.gomme
- 6.trousses
- 7.cinéma
- 8.fleurs
- 9.oiseau
- 10.garçon

**c. Conjuguez les verbes.**

1. Je ..... (ranger) ma chambre.

2. Nous..... (manger) une pizza.
3. Tu..... (préférer) le café ?
4. Vous..... (jouer) avec vos amis.
5. Nous..... (commencer) le travail.
6. Vous..... (préférer) aller au restaurant ?
7. Ils ..... (voyager) avec leurs parents.
8. Je..... (aller) à l'école.

**d. Complétez avec les adjectifs possessifs.**

1. Il passe ..... vacances en France.
2. Vous avez.....livre?
3. Nous avons deux enfants:.... fils a neuf ans et ..... fille a sept ans.
4. Mes parents fêtent..... anniversaire de mariage demain.
5. Je prends .....voiture pour aller au bureau.



## SANSKRIT

### सामान्य निर्देश -

1. कार्य (3) सभी छात्रों को संस्कृत कॉपी में करना है।
2. अंतिम देय तिथि: 07-07-2023

अण्डमान-निकोबारद्वीपानां जनाः ओणम्, पोङ्गल-दीपावली, होली इत्यादीनि बहूनि भारतीय-उत्सवानि आचरन्ति । अण्डमान-निकोबार-द्वीपेषु आचरितानां उत्सवानां वर्णः द्वीपानां सदृशः एव भवति । पखवाड़ादीर्घः द्वीपपर्यटनमहोत्सवः अण्डमान-निकोबारद्वीपयोः अन्येषु उत्सवेषु अण्डमानमहोत्सवः महत्त्वपूर्णः अस्ति ।

(अंडमान और निकोबार द्वीप समूह के लोग ओणम, पोंगल, दिवाली, होली और कई भारतीय त्यौहार मनाते हैं। अंडमान और निकोबार द्वीप समूह में मनाए जाने वाले त्योहारों का रंग द्वीपों जैसा होता है। अंडमान और निकोबार द्वीप समूह के अन्य त्योहारों में पखवाड़े तक चलने वाला द्वीप पर्यटन महोत्सव एक महत्वपूर्ण अंडमान त्योहार है।)

(i) अण्डमान-निकोबारद्वीपेषु आचरितानां उत्सवानां प्रतिरूपं सज्जीकरोतु।

(अंडमान और निकोबार द्वीप समूह में मनाए जाने वाले उत्सवों का एक मॉडल तैयार करें।)

संदर्भ के लिए -



अण्डमानस्य मूलनिवासिनः एकान्तवासं कुर्वन्ति स्म, तेषां जीवनयापनार्थं वनजन्यपदार्थानाम्, मत्स्यानां, वन्यजीवानां च उपरि आश्रिताः आसन् । सस्यानां कृषिः तेषां कृते अज्ञाता आसीत् । निकोबारद्वीपेषु आदिवासीजनाः शताब्दशः नारिकेले,

अरेकानट् इत्यादीनां वृक्षारोपणसस्यानां उत्पादनं कुर्वन्ति । कथ्यते यत् चीन, मलेशिया, इन्डोनेशिया इत्यादिभ्यः विदेशीयाः नाविकाः एतेषु द्वीपेषु गच्छन्ति स्म तथा च ते नारिकेले, अरेकानट् च तण्डुलवस्त्रादिभिः सह आदानप्रदानं कुर्वन्ति स्म ।

(अंडमान के मूल निवासी अलगाव में रहते थे और अपने अस्तित्व के लिए वन उत्पादों, मछली और जंगली पशु आदि पर भोजन के लिए निर्भर करते थे। फसलों की खेती उनके लिए अज्ञात थी। निकोबार द्वीप समूह में, जनजातियाँ सदियों से नारियल और सुपाड़ी जैसे वृक्षारोपण फसलों में वृद्धि कर रहा है। यह बताया गया है कि चीन, मलेशिया और इंडोनेशिया आदि के विदेशी नाविके इन द्वीपों का दौरा किया करते थे और वे चावल और कपड़े आदि के लिए नारियल और सुपाड़ी का आदान-प्रदान करते थे। )

(ii) अण्डमान-निकोबार-द्वीपेषु निवसतां निवासिनः आजीविकायाः साधनानां प्रतिरूपं सज्जीकरोतु ।

(अंडमान और निकोबार द्वीप समूह में रहने वाले निवासियों के जीविका के साधन का एक मॉडल तैयार करें। )

संदर्भ के लिए -



कक्षा – VII

संस्कृत

अव्ययाः

सामान्य निर्देश –

अव्ययाः अभ्यास पत्रिका का प्रिन्ट लेते हुए पत्रिका को कॉपी में चिपकाए व पत्रिका में दिए गए प्रश्नों को उचित विकल्प द्वारा हाल करें।

1. अहं पश्यामि यद् वृद्धाः तु ..... चलन्ति।  
 (क) शनैः (ख) शीघ्रम् (ग) नीचैः (घ) नूनम्।
2. त्वं ..... कुक्कुरो भव।  
 (क) सदा (ख) पुनः (ग) कदापि (घ) अपि।
3. तत्र वृक्षेषु वानराः ..... कूर्दन्ति।  
 (क) इतस्ततः (ख) सर्वत्र (ग) इत्यत्र (घ) इदानीम्।
4. मूर्खाः जनाः संसारे ..... जल्पन्ति।  
 (क) एव (ख) बहुधा (ग) अपि (घ) वृथा।
5. पश्य, ..... मयूराः अपि नृत्यन्ति परं तत्र शुकाः वदन्ति।  
 (क) कदा (ख) अत्र (ग) तदा (घ) यथा।
6. वृक्ष शाखासु कोकिलाः ..... मधुरं गायन्ति।  
 (क) अपि (ख) नैव (ग) ह्यः (घ) एव।
7. .... गृहं गच्छावः श्वः पुनः आगमिष्यावः।  
 (क) ह्यः (ख) श्वः (ग) अधुना (घ) वृथा।
8. यत्र कमलानि ..... भ्रमराः।  
 (क) तत्र (ख) यत्र-तत्र (ग) अत्र-तत्र (घ) यथा।
9. यथा राजा ..... प्रजा।  
 (क) यथा-तथा (ख) तथा (ग) तथा-यथा (घ) यत्र।
10. अहं ..... तत्र गमिष्यामि।  
 (क) कदा (ख) अपि (ग) ह्यः (घ) पुरा।
11. अहं ..... तत्र न अगच्छम्।  
 (क) श्वः (ख) अधुना (ग) इव (घ) सहसा।
12. ते ..... एव अत्रागमिष्यन्ति।  
 (क) अधुना (ख) ह्यः (ग) श्वः (घ) नूनम्।
13. .... एकं विशालं भवनम् अस्ति।  
 (क) तत्र (ख) उपरि (ग) नीचैः (घ) अत्र-तत्र।
14. .... एकः जलाशयः आसीत्।  
 (क) उपरि (ख) नीचैः (ग) अत्र (घ) पुरा।
15. त्वम् ..... पठ।  
 (क) अपि (ख) तदा (ग) न (घ) नूनम्।

20. यथा देशः ..... वेशः।  
 (क) तदा (ख) यदा (ग) तथा (घ) तत्र।
21. ते पर्वतात् ..... न सन्ति।  
 (क) उपरि (ख) तत्र (ग) अधः (घ) उच्चैः।
22. विद्यालयस्य छात्राः कथम् ..... धावन्ति?  
 (क) यथा-तथा (ख) विना (ग) इतस्ततः (घ) अपि।
23. दुष्टाः ..... एव जल्पन्ति।  
 (क) वृथा (ख) इतस्ततः (ग) तत्र (घ) शनैः।
24. त्वमपि रामम् ..... भव।  
 (क) अधुना (ख) सहसा (ग) पुरा (घ) इव।
25. वृद्धा ..... स्वकार्याणि करोति।  
 (क) नूनम् (ख) शनैः (ग) एव (घ) इदानीम्।
26. संस्कारात् ..... जनः द्विज उच्यते।  
 (क) एव (ख) अपि (ग) इव (घ) अत्र-तत्र।
27. चन्द्रगुप्तः सम्राट् चाणक्यं ..... किमपि न अकरोत्।  
 (क) पुरा (ख) विना (ग) इतस्ततः (घ) सहसा।
28. वेदमन्त्राणाम् उच्चारणम् ..... कर्तव्यम्।  
 (क) इव (ख) अपि (ग) एव (घ) उच्चैः।
29. यथा पिता पुत्रोऽपि ..... एव दृश्यते।  
 (क) तदा (ख) इतस्ततः (ग) तथा (घ) इदानीम्।
30. .... त्वम् स्वकार्यं कुरु।  
 (क) विना (ख) इदानीम् (ग) वृथा (घ) शनैः।

## MATHEMATICS

### SECTION A: ASSIGNMENT

**A. Do the following questions on A4 sheets, put them in a folder and hence submit the same along with the project/model on 06-07-2023.**

Q1. Write the divisibility rules of numbers 2, 3, 5, 6, 9 and 11. Explain with 2 examples each.

Q2. Draw a bar graph, by collecting the birthday month of your friends.

Q3. List any five symmetrical objects from your house. Draw their pictures also.

Q4. List the numbers from 0 to 9 and show how many of them are symmetrical. Also draw their axis of symmetry.

Q5. In a MAGIC SQUARE, the sum of the numbers in each row, in each column and along the diagonals is same. Examine whether the given squares are magic squares or not and choose the correct option.

a

$\frac{2}{5}$	$\frac{3}{5}$	$\frac{1}{5}$
$\frac{1}{5}$	$\frac{2}{5}$	$\frac{6}{10}$
$\frac{6}{10}$	$\frac{4}{20}$	$\frac{2}{5}$

**Yes/No**

b

$\frac{3}{7}$	$\frac{1}{7}$	$\frac{3}{7}$
$\frac{2}{7}$	$\frac{2}{7}$	$\frac{3}{7}$
$\frac{2}{7}$	$\frac{4}{7}$	$\frac{1}{7}$

**Yes/No**

$\frac{3}{16}$	$\frac{2}{8}$	$\frac{1}{4}$
$\frac{8}{16}$	$\frac{1}{16}$	$\frac{2}{16}$
$\frac{5}{16}$	$\frac{2}{8}$	$\frac{2}{16}$

**Yes/No**

$\frac{4}{11}$	$\frac{9}{11}$	$\frac{2}{11}$
$\frac{3}{11}$	$\frac{5}{11}$	$\frac{7}{11}$
$\frac{8}{11}$	$\frac{1}{11}$	$\frac{6}{11}$

**Yes/No**

Fill in the given squares with fractions such that they are magic squares.



Q6. State **True or False**. If false, justify your answer.

- If, after a rotation an object looks exactly the same, we say that it has rotational symmetry.
- When an object rotates, its shape and size changes.
- Square has rotational symmetry of order 4.
- Regular pentagon has rotational symmetry of order 6.

Q7. JUST FOR FUN!!!!

Rearrange the following to make meaningful words related to Integers:

- ITEEGNR
- WOHEL UNBRME
- LAIANORT UERMNB
- SSTIOPPOE
- VPISTEOI UMRBEN
- EUNTTOIQ
- IDDDENIV
- ISDRVIO
- ENTEGVIA MERNBU
- USLBAEOT ULAEV

## A. MATH PROJECT

The following projects need to be made by the students as per their roll nos.

### 1. Roll Nos 1-9: **DIY SPIN WHEEL ON LAWS OF EXPONENTS (Working Model)**

Make a spin wheel using cardboard and other geometrical tool showing the laws of exponents. A YouTube link has been shared for your reference.

<https://www.youtube.com/watch?v=Vr5oIbFnmwU>

### 2. Roll Nos 10-18: **DIY INTEGER BOARD (Working Model)**

Make a integer board showing integers and addition and subtraction on it using a cardboard and other geometrical tool. A You Tube link has been shared for your reference.

<https://youtu.be/xSt89-wFZMY>

### 3. Roll Nos 19-27: **ROTATIONAL SYMMETRY (Working Model)**

Make a working model of rotational symmetry for Square, Circle, equilateral triangle, regular hexagon using scale, cardboard etc. and other geometrical tool. A You Tube link has been shared for your reference.

<https://youtu.be/quvrPy1er-4>

### 4. Roll Nos 28 onwards: **TYPES OF ANGLES (Working Model)**

Make a working model on types of angles displaying the different types of angles and how to make an angle project. A You Tube link has been shared for your reference.

<https://youtu.be/9m4UVEI44ZY>

## SCIENCE

### GENERAL INSTRUCTIONS:

- Holiday homework has two sections:
  - Section 1 is Project based activity. Students to check their roll numbers and do the project as directed in Science Practical file.
  - Section 2 is an assignment to be done by all the students. Assignment to be done on A4 size sheets.
- Date of submission:
  - Assignment (Section 2): 06-07-2023
  - Project work (Section 1): 05-07-2023

### Section 1:

S.No	Topic	Roll Nos.
1.	Make a working quiz board on “Scientists and their discoveries”.	1-10
2.	Make a board game (snakes and ladders) based on the wildlife of Lakshadweep Islands. (If the player is able to name the habitat of the animal, then he/she can climb up the ladder otherwise will move ahead with rolling dice numbers only).	11-20
3.	Make a report on “Great Nicobar Mega Project” (discussing its pros and cons to environment) in about 200 words along with pictures.	21-30
4.	Make a board game (Jigsaw puzzle) based on Types of Motion.	31 onwards

### Section 2:

## PHYSICS

- Fill in the blanks:
  - The basic unit of time is \_\_\_\_\_.
  - \_\_\_\_\_ is the instrument used to measure speed of a vehicle.
  - Distance time graph represents \_\_\_\_\_ of an object.
  - The time period of a simple pendulum depends on the \_\_\_\_\_ of the string.
  - The distance time graph for a bus parked at roadside will be a \_\_\_\_\_ line parallel to \_\_\_\_\_ axis.
- A car has to cover a distance of 51km in 3h. What should be the speed of the car?
- A simple pendulum completes 20 oscillations in 10s. Calculate its time period.

## CHEMISTRY

1. Give reasons for the following.
  - a) Sting of the bees and ant cause shooting pain.
  - b) A cloth with turmeric stain turns red when soap is applied on it.
  - c) Antacids help relieve uneasiness and pain in the stomach.
2. Complete the given table

S.No.	Name of substance	Litmus solution	Turmeric	Juice of China Rose
1	Water			
2	Hydrochloric acid			
3	Sodium hydroxide			
4	Vinegar			
5	Soap			

3. Define neutralization.

### BIOLOGY

1. Rhizobium and leguminous plant exhibit symbiotic relationship. Justify.
2. Complete the given statements.
  - a) \_\_\_\_\_ is living partnership between a fungus and an \_\_\_\_\_.
  - b) The leaves are green due to presence of a pigment \_\_\_\_\_ and that helps leaves to capture solar energy.
  - c) \_\_\_\_\_ is the process that supplies food directly or indirectly to all living organisms.
  - d) Some bacteria in the soil, convert gaseous \_\_\_\_\_ into usable form which is soluble and thus absorbed by roots along with water.
3. How is an insectivorous plant able to derive its nutrition from an insect?



## SOCIAL SCIENCE

### GENERAL INSTRUCTIONS:

- Roll number-wise topics have been assigned for students.
- Students need to prepare a project on ANY ONE topic assigned to their roll-number group.
- The project to be prepared as per the instructions detailed below.
- The project work should be compiled in Social Science practical file.
- **COVER PAGE FOR ALL THE 4 PROJECTS HAVE TO BE ATTRACTIVE, CATCHY AND DESIGNED AS PER THE THEME OF THE PROJECT ONLY.**
- Attempt all the questions given in the worksheet in your Social Science notebook.
- Date of Submission: - 06-07-2023

### ROLL NO 1 TO 10

India is a unique nation, whose fabric has been woven by diverse linguistic, cultural and religious threads, held together into a composite national identity by a rich history of cultural evolution. Under the broad objectives of the 'Ek Bharat Shrestha Bharat' programme the interaction between different segments of the population of each pair of States /UTs at the cultural level, would generate a spirit of understanding and appreciation amongst the people and forge mutual bonding, thus securing an enriched value system of unity in the nation. The paired state of Delhi for the academic session 2023-24 is **Lakshadweep, Andaman and Nicobar Islands.**

Lakshadweep, the group of 36 islands is known for its exotic sun-kissed beaches and lush green landscape.

Prepare a project on “**What should we know about Lakshadweep Islands?**”

Project should include illustrative and attractive information with unique facts on the following:

- a. Flora and fauna of Lakshadweep Islands
- b. Climatic issues in Lakshadweep Islands
- c. People of Lakshadweep – Religion and Language
- d. What is LAPCC?

### ROLL NO 11 TO 20

The Group of Twenty (G20) is the premier forum for international economic cooperation. It plays an important role in shaping and strengthening global architecture and governance on all major international economic issues. It will take place in September 2023 in New Delhi, India. Under the Indian Presidency, the G20 in 2023 will focus on the theme, 'One Earth, One Family, One Future'.

Prepare a project on “**G-20 Green Development, Climate Finance & LiFE**”

Project should include illustrative and attractive information with unique facts on the following:

- a. G-20 – Introduction and its purpose
- b. What is LiFE?
- c. What is Sustainable Development under G-20?
- d. India's Green Growth strategy

### **ROLL NO 21 TO 30**

India is a unique nation, whose fabric has been woven by diverse linguistic, cultural and religious threads, held together into a composite national identity by a rich history of cultural evolution. Under the broad objectives of the ‘Ek Bharat Shrestha Bharat’ programme the interaction between different segments of the population of each pair of States /UTs at the cultural level, would generate a spirit of understanding and appreciation amongst the people and forge mutual bonding, thus securing an enriched value system of unity in the nation. The paired state of Delhi for the academic session 2023-24 is **Lakshadweep, Andaman and Nicobar Islands.**

Andaman and Nicobar Islands, union territory, India, consisting of two groups of islands at the south eastern edge of the Bay of Bengal.

Prepare a project on “**What all we should know about Andaman and Nicobar Islands?**”

Project should include illustrative and attractive information with unique facts on the following:

- Flora and fauna of Andaman and Nicobar Islands
- Effect of climatic changes on Andaman and Nicobar Islands - Why Andaman and Nicobar Islands may not be inhabitable in future?
- People of Andaman and Nicobar Islands - Religion, Language and Culture
- What is the Great Nicobar Island Project?

### **ROLL NO 31 onwards**

Women play an integral part in our society; Without their progress, the overall progress of society comes to a halt. Societies in which women see consistent growth have been known to prosper themselves. It is through the empowerment of women that societies can ensure their growth as well. The Government of India has been focused on promoting “**Nari Shakti**” in the country. It is committed to improve women’s lives in the country and remove any bottlenecks that come in the way of their development. So, under the G-20, there has been a strong emphasis on inclusive growth and development, with a focus on women empowerment and representation in order to boost socio-economic development and the achievement of Sustainable Development goals.

Prepare a project work on “**Women-led Development**”

Project work should include illustrative and attractive information with unique facts on the following topics:

- G-20 - Introduction
- Why is women empowerment important for India?
- Barriers to women empowerment
- Enlist some of the major schemes launched by the Indian government for the empowerment of women during the last nine years (Minimum four to be discussed)

### **ASSIGNMENT WORKSHEET FOR ALL**

- Q1. What is atmosphere? Enlist any one significance of atmosphere.
- Q2. What do you mean by barter system?
- Q3. Which are the two major components of biotic environment?
- Q4. What idea is the idea of Universal Adult Franchise based on?
- Q5. What are the two ways in which the government has tried to implement the equality

that is guaranteed in the Constitution?

Q6. What is the Civil Rights Movement?

Q7. Establishing equality in a democratic society is a continuous struggle.

True or False? \_\_\_\_\_

Q8. Name the first state in India that introduced the midday meal scheme.

Ans. \_\_\_\_\_

Q9. When persons are treated unequally there \_\_\_\_\_ is violated.

Q10. The central feature of Democracy is \_\_\_\_\_.

(a) Inequality (b) Discrimination (c) Equality

Q11. Which of the following is the holy book of Muslims?

(a) Bhagwat Gita (b) Ramayana (c) Quran

Q12. The fourteenth-century chronicler Ziyauddin Barani wrote his chronicle first in -

(a) 1256 (b) 1556 (c) 1456 (d) 1356

Q13. Which of the following is not the literary source

(a) Travelogue (b) Coin (c) Inscriptions (d) Manuscripts

Q14. Name the deepest mine in the world. \_\_\_\_\_

Q15. What is the uppermost layer of the surface of the earth known as?

(a) the mantle (b) the crust (c) the core

Q16. What is OPD? \_\_\_\_\_

Q17. Private services are concentrated in rural areas. True or False? \_\_\_\_\_

Q18. Our good health depends on \_\_\_\_\_.

(a) Hygienic food (b) Pollution-free environment (c) Clean drinking water (d) All the above

Q19. \_\_\_\_\_ is a communicable disease.

(a) Cancer (b) Headache (c) Sore Throat (d) Diarrhea

Q20. What is PHC?

(a) Private Health Centre (b) Public Health Court (c) Primary Health Centre

## COMPUTER SCIENCE

### GENERAL INSTRUCTIONS

- Worksheet is compulsory for all and has to be done in the notebook. Also paste the printouts of HTML output in the notebook.
- Project Work has to be done Roll number wise. Roll No's 1-20 has to submit on GC.
- Roll No 20 onwards submit Charts and Models offline.
- Date of Submission- 05-07-2-23

- 1. Roll number 1-10:** Create a video in Scratch on any one of the following topics:
  - Ethical Hacking
  - Protecting yourself from Potential Threats on Web like Spyware, Phishing, Virus, Cyber Bullying, Hacking , Digital Footprints etc.
  - Digital India
- 2. Roll number 10-20:** Create a presentation in PowerPoint on any one of the given topics:
  - Tesla Car
  - Cyber Security
  - 5G
  - Wi-Fi & Mi-fi
  - Artificial Intelligence.
- 3. Roll number 20-30:** Create charts on any one of the given topics:
  - Different types of Number System
  - Different types of HTML tags with explanation
  - Chatbots
  - Sustainable Development Growth
- 4. Roll number 30 onwards:** Create model on any one of the topics:
  - Application of AI in Transport like Uber, Ola etc.
  - Different types of Biometric devices.
  - Computer Number System (Reference: <https://youtu.be/HfrUgOmgw2Q>)

### WORKSHEET:

- 1. Choose the correct option:**
  - i. The base of which number System is 8?
    - a) Binary
    - b) Octal
    - c) Decimal
    - d) Hexadecimal
  - ii. Base of Hexadecimal Number System is\_\_\_.
    - a) 2
    - b) 8
    - c) 10

- d) 16
- iii. To convert Decimal number into its binary equivalent, divide the given number by \_\_\_\_.
- 0
  - 10
  - 2
  - 8
- iv. Computer understands only \_\_\_\_\_ language.
- English
  - Hindi
  - Binary
  - Decimal
- v. The text contents or special codes in HTML documents are called as \_\_\_\_.
- Links
  - Tags
  - Address
  - None of these
- vi. The HTML files are saved with the file extensions as \_\_\_\_.
- .docx
  - .html or .htm
  - .xlsx
  - .accdb
- vii. HTML is not a \_\_\_\_\_ language.
- Case sensitive
  - Complicated
  - Programming
  - None of these
- viii. The tags that have opening tag and closing tag are known as \_\_\_\_.
- Empty Tags
  - Container tags
  - Null tags
  - None of these
- 2. Convert the following from Decimal to Binary:**
- |                |                 |                   |                  |
|----------------|-----------------|-------------------|------------------|
| i) $(78)_{10}$ | ii) $(55)_{10}$ | iii) $(125)_{10}$ | iv) $(250)_{10}$ |
|----------------|-----------------|-------------------|------------------|
- 3. Convert the following from Binary to Decimal:**
- |               |                  |                    |                  |
|---------------|------------------|--------------------|------------------|
| i) $(1100)_2$ | ii) $(110011)_2$ | iii) $(1010101)_2$ | iv) $(111000)_2$ |
|---------------|------------------|--------------------|------------------|
- 4. Identify and name following according to their Number System:**
- |                 |                  |                  |                   |
|-----------------|------------------|------------------|-------------------|
| i) $(1101)_2$   | ii) $(461)_8$    | iii) $(78)_{10}$ | iv) $(9A5F)_{16}$ |
| v) $(651)_{10}$ | vi) $(8BC)_{16}$ | vii) $(10101)_2$ | viii) $(567)_2$   |
- 5. Write HTML code to display “Hyper Text Markup Language” as heading with all different heading levels.**
- 6. Write HTML code to display “your name” in Bold and Italics.**

## ART

### GENERAL INSTRUCTIONS:

- Section A and Section B is compulsory for all the students.
- Date of submission: 06-07-2023

### SECTION A: CREATIVE CORNER

**CRAFT ACTIVITY:** Make A Wall Hanging Using Shells From Andaman Nicobar Islands. You may refer to the attached link: <https://youtu.be/KjsRRWo400A>



### SECTION B: IT IS TIME TO LEARN ART!

**Do the following pages given in your Art book:**

- PAGE :- 24 SHADING POINTILLISM (Observe the drawing and do it in your sketch file)
- PAGE :- 28 COLLAGE ( Paste torn papers, ribbons, buttons, etc. on the drawing to create a dramatic collage).
- MAKE A PAINTING ON GOND ART THEME

