



ADARSH VIDYA NIKETAN

SENIOR SECONDARY SCHOOL

SESSION 2022-23

HOLIDAY HOMEWORK OF CLASS VII

Submitted by:

Name: _____

Class: _____



Dear Students,

It's holiday time once again! Time for fun and learning!

Here are few important points which will make your summer break a really fruitful one-

- ✓ Books are your best friends, so make sure you read a lot of books and enhance your knowledge and vocabulary.
- ✓ Try to acquire a new skill, learn a new song, play an instrument, improve your handwriting or something of your interest to unravel the artist in you.
- ✓ Contribute to save our precious environment. Minimize the wastage of resources like electricity, water etc.
- ✓ Do tasks that you can easily accomplish like filling water bottles, folding clothes, watering the plants etc.
- ✓ Plan some e-visits and virtual field trips and explore some online resources like Creative Bug and Brain Fitness.

The holiday homework has been very carefully designed to help you recapitulate the concepts done in class and stay connected with your lessons.

Please note the below instructions-

- ☞ The worksheets must be done in a very neat and presentable manner in subject fair notebooks.
- ☞ No need to write the questions. Only answers are sufficient.
- ☞ Print out of holiday homework is not required.
- ☞ Revise the syllabus and concepts covered in class till now

Wishing you a happy and fun-filled vacation! Stay Home, Stay Safe!



ENGLISH

Dear Children

It's the summer time when faces light up with a grin as holidays are about to begin. To ensure that you all have a constructive holiday time, some worksheets and a project work have been given which will keep you active and observant.

Instructions- Do all three worksheets in fair grammar register.

WORKSHEET 1 (INTEGRATED WORD BUILDING)

A. Complete the given figure with words related to peace-



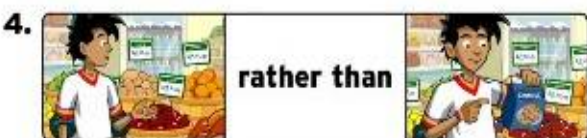
B. The word order in these sentences is incorrect. Rewrite the sentences correctly.

1. Do when you think she is coming?
2. is this true.
3. we are safe here?
4. can I climb trees well.
5. were you doing what at the beach?
6. we are having holiday tomorrow?

C. Unscramble the words in the right column to get the antonyms (opposites) of the words in the left column.

Left	Right
OUTSTANDING	INIORFER
HORRIBLE	DEGHTFULLI
GENTLY	VILYOROUSG
RIGID	FIBLELEX
WILLING	REANTCTLU

D. Look at the pictures and make sentences using the **Conjunctions**.



E. Prepare question for the given answer-

1. _____?

Gagan is a teacher.

2. _____

He teaches Maths.

3. _____

Yes, he will attend the annual function.

4. _____

Sixty students have registered themselves for the camp.

5. _____

I was waiting for my friend there.

WORKSHEET 2 (GRAMMAR)

A Make two adjectives ending with---

1. al _____

2. ous _____

3. able _____



B. Fill with the adjective formed with the help of word in bracket-

1. We won the match because of the _____ efforts of the team. (Collect)
2. My little brother is very _____.(hard work)
3. My mother always remains _____. (cheer)

C. Give degree of comparison -

Positive Comparative Superlative

1. Pretty _____ _____
2. Bad _____ _____
3. Little _____ _____
4. Good _____ _____

D. Use correct degree of adjectives-

1. Material of this bag is _____ (strong) than the other one.
2. Kaushik is one of the _____ (wise) students of the class.
3. This building is as _____ as that one. (tall)
4. Yesterday was the _____ (pleasant) day of the month.

E. Write three forms of verbs-

	V1	V2	V3
1. lose	_____	_____	_____
2. mean	_____	_____	_____
3. choose	_____	_____	_____
4. ride	_____	_____	_____
5. find	_____	_____	_____

F. Choose the correct form of verb in the following sentences-

1. The ship with its crew _____ (was / were) lost.
2. Sanskrit as well as Urdu _____ (is/are) easy to learn.
3. I have a pair of glasses which _____(is/ are) grey and red in colour.
4. Ajay, Vijay and Akshay, none _____(appear / appears) to be bright and wise.
5. He and I _____ (am / is / are) great pals.

G. Write 'T' for Transitive and 'I' for Intransitive for the underlined verb-

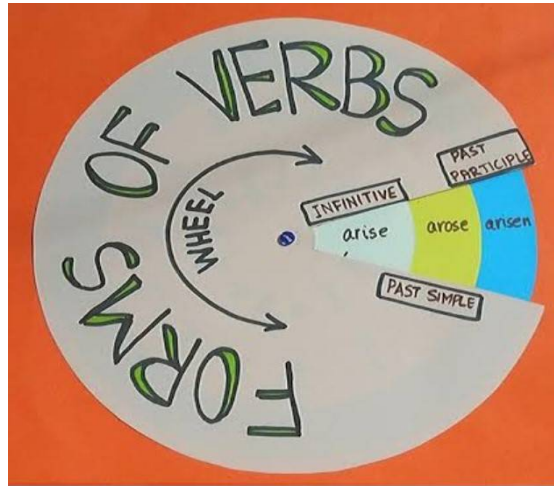
1. When he arrived, nobody was there to greet him.
2. I bought a bicycle so that I can go to school faster.
3. The boy laughed so much that milk came out of his nose.
4. He reads books to help him fall asleep.
5. Jim is sleeping so don't speak so loudly.



WORKSHEET- 3

- A. Create a ghost story in 100-120 words. (That ghost/ghosts can be funny, scary or even friendly) You can add pictures and dialogues also.
- B. Every child has the right to education. Write your views in about 100 words on “**Why education is important**”.
- C. Peter Pan said, "Dreams do come true if only we wish hard enough. You can have anything in life if you will sacrifice everything else for it. What is the one thing that you wish for? How do you think you can achieve it? Write a short paragraph in about 80 words about it. Pictures may enhance your work.
- D. **Project work**

Take two different coloured sheets.... cut them in circle (diameter of 18 cm). Write any 12 verb forms (all three forms) with different colour pens on one sheet. The other sheet will be on the top as a cover..... Take the help from the pic given below. (You can use your own creativity too).



हिन्दी

कार्यपत्रिका 1

पाठ-दो

वर्ण विचार

1) निम्नलिखित में तीन- तीन अंतर बताएं-

स्वर	व्यंजन
अनुस्वार	अनुनासिक

ह्रस्व स्वर	दीर्घ स्वर
अल्पप्राण व्यंजन	महाप्राण व्यंजन
संयुक्त व्यंजन	द्वित्व व्यंजन

2) निम्नलिखित चित्रों को देखकर मुहावरों के अर्थ तथा वाक्य लिखो



3. संवाद लेखन:

नीचे दिए गए चित्रों को ध्यान से देखिये और संवाद लेखन कीजिए।

उदाहरणार्थ 1. समाज के सबसे ज्वलंत मुद्दे भ्रष्टाचार पर दो पड़ोसनों में संवाद—

निधि- पिछले साल का दुगुना। ये कैसे? मकान तो तुम्हारा उतना ही बना है, जितना पहले था। फिर अचानक इतना अधिक टैक्स, इसका क्या कारण हो सकता है?

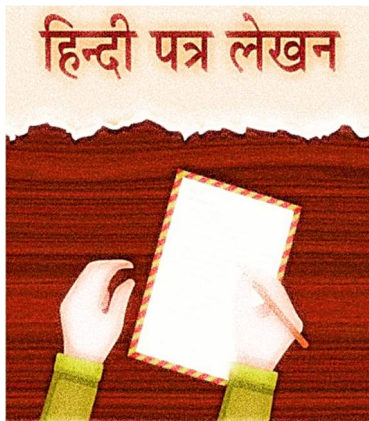
सुनिधि- इसका कारण है रिश्वत! पहले दुगुना टैक्स बढ़ा दिया। अब उसे कम करने के लिए रिश्वत माँग रहे हैं। यदि हजार-पाँच सौ उन्हें दे दो तो टैक्स आधा कर देंगे।

निधि- तो तुमने उन्हें क्या कहा? क्या 'हाँ' कर आई हो?

दो मित्रों के वार्तालाप को आगे अपनी कल्पना शक्ति के अनुसार लिखें दोनों पात्रों की कम से कम छह छह पंक्तियाँ होनी चाहिए।



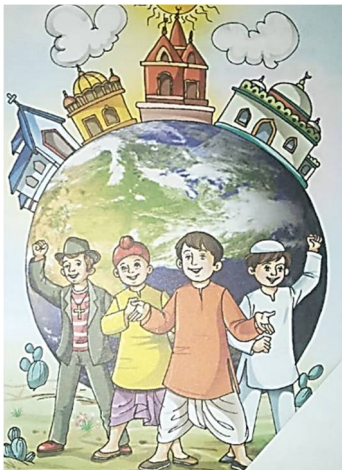
4. पत्र लेखन:



उपर्युक्त दिए गए पत्र के अंगों तथा महत्वपूर्ण बिंदुओं को ध्यान पूर्वक पढ़ते हुए निम्नलिखित दो विषयों पर पत्र लिखो।

- अपने विद्यालय की प्रधानाचार्या को पत्र लिखकर पुस्तकालय में हिंदी कहानियों और कविताओं की अधिक पुस्तकों के लिए आग्रह करते हुए पत्र लिखो।
- व्यायाम और योगाभ्यास के बारे में बताते हुए अपने छोटे भाई को छात्रावास में पत्र लिखो।

5. दिए गए संकेतों और चित्रों के आधार पर झूठा गड़रिया शीर्षक पर एक शिक्षाप्रद कहानी लिखो



6. उपर्युक्त दिए गए दोनों चित्रों को ध्यानपूर्वक देख कर 'एकता में बल है' या 'जातिवाद सर्वधर्म समभाव' पर निबंध लिखो

संकेत बिंदु

- भारत अनेकता में एकता
- सभी धर्मों के लोगों का मिल- जुल कर रहना
- सभी त्योहारों को मिल -जुल कर मनाना
- भेदभाव को समाप्त करना
- उपसंहार

व्याकरण पुस्तक

1.

1. दिए गए प्रश्नों के लिए उचित विकल्प चुनकर सही (✓) का निशान लगाइए।

क. भारतीय संविधान में कितनी भाषाओं को सम्मिलित किया गया है?

25 ☐ 24 ☐ 22 ☐ 20 ☐

ख. जो भाषा किसी एक क्षेत्र में बोली जाती है, उसे क्या कहते हैं?

राष्ट्र भाषा ☐ क्षेत्रीय भाषा ☐ संपर्क भाषा ☐ मौखिक भाषा ☐

ग. 'बोडो' भाषा किस राज्य में बोली जाती है?

असम ☐ केरल ☐ पंजाब ☐ ओडिशा ☐

घ. महाराष्ट्र राज्य में कौन-सी भाषा बोली जाती है?

संथाली ☐ मराठी ☐ पंजाबी ☐ कोंकणी ☐

ङ. निम्न में से किस देश में हिंदी लोकप्रिय भाषा के रूप में जानी जाती है?

मारीशस ☐ इटली ☐ फ्रांस ☐ जर्मन ☐

2. नीचे दिए सही वाक्यों के आगे (✓) और गलत के सामने (X) का चिह्न लगाइए।

क. राजभाषा वह भाषा होती है, जो प्रशासनिक कार्यालयों में प्रयोग की जाती है। ☐

ख. राष्ट्रभाषा भाषा का औपचारिक रूप है। ☐

ग. हिंदी दिवस 14 सितंबर को मनाया जाता है। ☐

घ. असम में मैथिली भाषा बोली जाती है। ☐

ङ. भाषा शब्द 'भाष्' धातु से बना है। ☐

3. रिक्त स्थानों की पूर्ति उपयुक्त उत्तर से कीजिए।

क. 'म' अक्षर से बोली जाने वाली दो भारतीय भाषाएँ _____, _____ हैं।

ख. जिस राज्य में ओडिसी नृत्य प्रसिद्ध है, वहाँ _____ भाषा बोली जाती है।

ग. _____ में कोंकणी भाषा बोली जाती है।

घ. गुजरात, महाराष्ट्र, राजस्थान, मध्य प्रदेश के कुछ भागों में _____ भाषा बोली जाती है।

ङ. पश्चिम बंगाल में _____ भाषा बोली जाती है।



4. निम्नलिखित शब्दों को उचित स्थान में भरकर वाक्य पूरे कीजिए।

सांकेतिक, लिपि, मौखिक, शब्द-विचार, हिंदी, व्याकरण, 14 सितंबर, रोमन

- (क) जो भाषा बोलकर प्रकट की जाए, उसे भाषा कहते हैं।
(ख) जब कोई संकेत के माध्यम से कुछ समझाता है, तो उसे भाषा कहा जाता है।
(ग) प्रत्येक वर्ष को हिंदी दिवस मनाते हैं।
(घ) प्रत्येक भाषा के लिखने की अलग-अलग होती है।
(ङ) भाषा की शुद्धता का ज्ञान हमें कराता है।
(च) अंग्रेजी की लिपि है।
(छ) भारत की राष्ट्रभाषा है।
(ज) व्याकरण के अंग वर्ण-विचार, और वाक्य-विचार होते हैं।

5. 'क' वर्ग की भाषाओं का मिलान 'ख' वर्ग की लिपियों से कीजिए-

'क'	'ख'
हिंदी	रोमन
अंग्रेजी	देवनागरी
उर्दू	गुरुमुखी
मराठी	रोमन
पंजाबी	फारसी
संस्कृत	देवनागरी
फ्रेंच	देवनागरी

6. सही कथन के सामने ✓ चिह्न तथा गलत कथन के सामने ✗ चिह्न लगाओ-

- (क) भारत के संविधान में 20 भाषाओं को मान्यता दी गई है।
(ख) अंग्रेजी की लिपि रोमन है।
(ग) व्याकरण के दो अंग होते हैं।
(घ) बोली भाषा का क्षेत्रीय रूप होता है।
(ङ) राजभाषा का प्रयोग राज-काज के कामों में होता है।
(च) मराठी की लिपि देवनागरी है।

8. तीन-तीन उदाहरण दीजिए—

भाषा के लिखित रूप के

भाषा के मौखिक रूप के

1.
2.
3.

-
-
-

9. कोष्ठक में से सही उत्तर चुनकर रिक्त स्थानों की पूर्ति कीजिए—

- (क) भाषा के शुद्ध रूप का ज्ञान कराता है।
 (ख) मराठी भाषा लिपि में लिखी जाती है।
 (ग) भाषा के क्षेत्रीय रूप को कहते हैं।
 (घ) रूप भाषा का स्थायी रूप है।
 (ङ) भाषा के के ढंग को लिपि कहते हैं।

- (बोली/व्याकरण)
 (देवनागरी/मराठी)
 (लिपि/बोली)
 (मौखिक/लिखित)
 (लिखने/पढ़ने)

10. वर्ग-पहेली में से भाषाओं के नाम ढूँढकर लिखो—

म	णि	पु	री	ल	गु
रा	अं	च	छ	ज	ज
ठी	प्रे	त	मि	ल	रा
क	जी	म	ठ	न	ती
हिं	डो	ते	लु	गु	ढ़
दी	ग	क	न	ड़	फ़े
ल	री	च	ट	ठ	च

-
-
-
-
-
-
-

11. इन राज्यों की भाषा का नाम लिखो—

राज्य	भाषा
तमिलनाडु	—
केरल	—
कर्नाटक	—
आंध्र प्रदेश	—
गुजरात	—
पंजाब	—

10 निर्देशानुसार कीजिए-

(क) दो-दो पर्यायवाची शब्द लिखिए-

- * अग्नि —
* हवा —
* सूर्य —
* पृथ्वी —

(ख) विलोम शब्द लिखिए-

- सत्य × प्रकाश ×
योग्य × प्रशंसा ×

(ग) दो-दो अर्थ लिखिए-

- * तीर —
* कर —
* आम —
* दंड —

11 निम्नलिखित अनुच्छेद में से संज्ञा शब्द छाँटकर भेद के अनुसार लिखिए-

रवि एक अच्छा लड़का है। वह आगरा में रहता है। वहाँ पर ताजमहल और यमुना नदी है। ताज की सुंदरता देखकर वह हैरान हो गया।

संज्ञा शब्द

भेद

.....
.....
.....
.....

12 शब्द-जाल में से संज्ञा शब्द चुनो-

कु	ध	व	ल	मो
तु	न	न	य	ह
ब	बु	दा	पा	न
मी	मुं	ब	ई	क
मा	शे	ल	ता	ल
र	र	ट	गा	म
क	म	ल	य	ठ

.....
.....
.....
.....
.....
.....
.....

14 अंतर स्पष्ट करो-

- (क) कर्म कारक और संप्रदान कारक में
- (ख) करण कारक और अपादान कारक में

निम्नलिखित का अंतर सोदाहरण स्पष्ट करो-

- (क) तत्सम और तद्भव शब्दों में
- (ख) यौगिक और योगरूढ़ शब्दों में
- (ग) विकारी और अविकारी शब्दों में



संस्कृत

कार्यपत्रिका-1 संस्कृत पाठ्य पुस्तक

- *1 उचित : पदानि चित्वा प्रश्न उत्तरम् देयम्-
1. एषा प्रभातवेला -----।
क अस्ति ख सन्ति ग स्तः
 2. त्वम् अनुजाय किम् -----।
क दास्यसि ख दास्यामि ग दास्यति
 3. सुगन्धा कस्य गृहे गमिष्यति।
क पितृव्यस्य ख मातुलः ग मित्रम्
 4. अम्बा भोजनम् -----।
क पचन्ति ख पचतः ग पचामि



5. कस्य जन्मदिवसः अस्ति।

क अनुजः ख मित्रम् ग यामिनी

2. जन्मदिवसः के आगच्छन् ।
3. केकम् कः अकृचनम्।
4. प्रातः कः उदयति ।
5. पिता किमर्थम् उद्यानम् गच्छति ।
6. सुगन्धा श्वः कुत्र गमिष्यति।
7. पठ् धातु तीनों लकारों में रूप लिखो।
8. कारक चिह्न सहित लिखिए।
9. पर्यायवाची लिखो।
जलम् ,वृक्षः नदी
10. ईकारान्त शब्दों के पांच उदाहरण लिखिए।
11. स्त्रीलिंग के पांच उदाहरण लिखिए।
12. मित्राणि कुत्र अगच्छन् ।
13. जन्मदिवसः सर्वे किम् अकुर्वन्।
14. निम्न धातु शब्दों को लृट् लकार में बदलिए।
15. संस्कृत वाक्य बनाओ।
मैं पुस्तक पढ़ता हूँ।
तुम घर जाते हो
वह कल आएगा।
राम विद्यालय जाता है।
रमा खेलती है।

कार्यपत्रिका-2 (संस्कृत व्याकरण पुस्तक)

1. विकल्पेभ्यः उचितम् उत्तरम् चित्वा लिखत-

1* संधि के प्रकार हैं।

क 2 ख 5 ग 3

2* बालकः शब्द का स्त्रीलिंग रूप है।

क बालिका ख बालिकाः ग बालौ

3* नदी शब्द का प्रकार है।

क ईकारान्त ख उकारान्त ग अकारान्त

4* अध्यापिके कक्षायाम् ----।

क अगच्छत् ख अगच्छताम् ग अगच्छन्

5* त्वम् बालकः-----।

क असि ख स्तः ग अस्ति



2* सन्धि की परिभाषा लिखिए।

3* वचन किसे कहते हैं।

4* सन्धि के प्रकार लिखिए ।

5* लिंग की परिभाषा लिखिए।

6* दीर्घ सन्धि की परिभाषा लिखिए।

7* व्यंजन सन्धि की परिभाषा।

8* व्यंजन सन्धि के प्रकार लिखिए।

9* सन्धि विच्छेद कीजिए।

गणेशः , स्वागतम्, अन्वयः

10* सन्धि करके सन्धि का नाम भी लिखिए।

सदा#एव, नौ # इकः, कवी # ईशः

11* वचनों के प्रकार लिखिए ।

12* पुरुष कितने प्रकार के होते हैं।

13* कविः, बालः, वधू शब्दों के प्रकार बताईये।

14* मम परिवारः या मम विद्यालयः पर निबन्ध संस्कृत में लिखिए।

15 * किसी उपवन या कक्षा का चित्र वर्णन कीजिए।

कार्यपत्रिका-3 (संस्कृत व्याकरण पुस्तक)

उचितः पदानि चित्वा प्रश्न उत्तरम् देयम्।

1 वर्णस्य ह्रस्व इकाई अस्ति।

क वर्ण। ख भाषा। ग वर्णमाला

2 स्वराः भवन्ति।

क 11। ख 13। ग 14

3 व्यन्जना भवन्ति।

क 33। ख 46। ग 49

4 वर्णा प्रकाराः सन्ति।

क 2। ख 5। ग 12

2* रिक्तस्थानानि पूरयत ।

क। प--,,-- म

ख। च--,,ज झ

ग। ट ठ-----

घ। -- थ द -----

ड। क ख-----

3* ह्रस्व स्वराः सन्ति ?

4* दीर्घ स्वराः कति भवन्ति?



5*स्वराःअति भवन्ति?

6*व्यन्जना कति प्रकाराः सन्ति?

7*स्पर्शा व्यन्जनाम् लिखत?

8*अन्तस्थः व्यन्जना लिखत?

9* ऊष्म व्यन्जना लिखत?

10*संयुक्तः व्यन्जनाः किम् भवन्ति?

11*वर्णमाला याः परिभाषा लिखत?

12*प्लुत स्वराः किम् भवन्ति?

13*वर्ण विच्छेद कुरु।

छात्राः

विद्यालयः

वाटिका

बालिका

धनम्

14*वर्ण संयोजन कुरु।

क् +अ+म्+अ+लव+अ

क्+अ+व्+इः

म्+उ+न्+इः

य+अ +ज्+ञ्+अः

ग्+ र् +अ + न्+ थ्+ अ

15* किसी स्वतंत्रता सेनानी का चित्र सहित उसके जीवन व्रतान्त के विषय में लिखिए।

MATHEMATICS

WORKSHEET-1 TOPIC - INTEGERS

Q 1. Fill in the blanks:-

i) $(-43) \times \underline{\hspace{1cm}} = 43$

ii) $(\quad) \div 21 = 0$

iii) The additive inverse of 121 is _____.

iv) $- (- 78) = \underline{\hspace{1cm}}$

v) The number of integers between -10 and -20 are _____.

Q 2. Use the correct symbol $>$, $<$ or $=$ in the following :-

i) $(-40) + (50) \square 20 + (-100)$

ii) $(-7) \times 2 \square -7 \times (6 + 2)$

Q 3. For any integer a, What is $(-1) \times a$ equal to ?

Q4. Evaluate:-

a) $16 - (-8)$

b) $-19 - (-26)$



Q.5 Find the product :-

- a) $(-15) \times (-26) \times (-3)$ b) $(-6) \times (-6) \times (-6) \dots$ taken 10 times

Q.6 Divide:-

- a) $-63 \div (-7)$ b) $-216 \div (-3 + 7)$

Q.7 Find the product using suitable property:-

$$(-21) \times (-35) + (-11) \times (-35)$$

Q. 8 In a quiz, team A scored 40,-20,34 and team B scored -20,40,34 in three successive rounds . Which team scored more?

Q.9 Morning temperature on a particular day of October in Kashmir was recorded as 3°C .However by afternoon it rose by 5°C . What was the temperature recorded in the afternoon?

Q. 10 If $a = -4$, $b = -8$, show that $(a-b) \neq (b-a)$

WORKSHEET-2 TOPIC – FRACTIONS AND DATA HANDLING

Q. 1 Find the sum of:-

- i) $3 + \frac{3}{5}$ ii) $\frac{3}{5} + \frac{2}{15} + \frac{7}{10}$

Q. 2 Find the difference of the following :-

- i) $\frac{8}{3} - \frac{15}{7}$ ii) $5\frac{3}{10} - 2\frac{2}{15}$

Q. 3 Simplify:-

- i) $\frac{2}{17} \times \frac{33}{52}$ ii) $5\frac{5}{6} \times 2\frac{3}{8}$

Q. 4 Divide :-

- i) $3\frac{1}{4} \div \frac{2}{3}$ ii) $3\frac{7}{15} \div 2\frac{3}{5}$

Q. 5 What should be added to $6\frac{3}{5}$ to get 15?

Q. 6 Find :

$\frac{5}{8}$ of a kilogram

Q. 7 Arrange $\frac{6}{12}$, $\frac{5}{12}$, $\frac{2}{3}$, $\frac{3}{8}$ in Ascending and Descending order.

Q. 8 Milk is sold at Rs. $16\frac{3}{4}$ Per litre. Find the cost of $6\frac{2}{5}$ litre of milk.

Q. 9 Find :-

- i) $\frac{7}{8}$ of a day ii) $\frac{5}{11}$ of Rs. 220

Q. 10 Which is greater :-

$$\frac{2}{7} \text{ of } \frac{2}{3} \text{ or } \frac{4}{5} \text{ of } \frac{2}{6}$$



Q.11 Find the median of the following data:

8, 6, 10, 12, 14

Q.12 A fair die is rolled, find the probability of getting a prime number.

Q.13 Find the mean of the first 5 multiples of 3.

Q.14 The data given below shows the production of motorbikes in a factory for some months of two consecutive years.

Months	2008	2007
February	2700	2800
May	3200	4500
August	6000	4800
October	5000	4800
December	4200	5200

Draw a double bar graph using an appropriate scale to depict the above information and compare them.

Q.15 The marks obtained (out of 10) by 80 students in a class test are given below:

Marks obtained	1	2	3	4	5	6	7	8	9	10
Number of students	3	5	8	10	9	15	20	16	12	2

Find the mode of the above data.

WORKSHEET - 3 (MENTAL MATHS)

INTEGERS:-

1. ____ is the greatest negative number.
2. If we multiply ____ number of negative integers, then the resulting integer is positive.
3. Sign of product of two integers that are opposite in sign is ____.
4. ____ $\times (-1) = 18$
5. $\{(-60) \div 10\} \div (-2)$ is ____.
6. When -35 is divided by ____ the quotient is 5.
7. $(-a) + b = b +$ additive inverse of ____.
8. $(-8) \times$ ____ = 120

FRACTION:-

9. $1\frac{1}{4} + ? = \frac{15}{4}$
10. Two-third of 93 is ____.
11. $\frac{5}{9}$ of $\frac{12}{5} =$ ____
12. Reciprocal of $2\frac{2}{5}$ is ____.
13. There are ____ minutes in $\frac{3}{5}$ th of 3 hours.



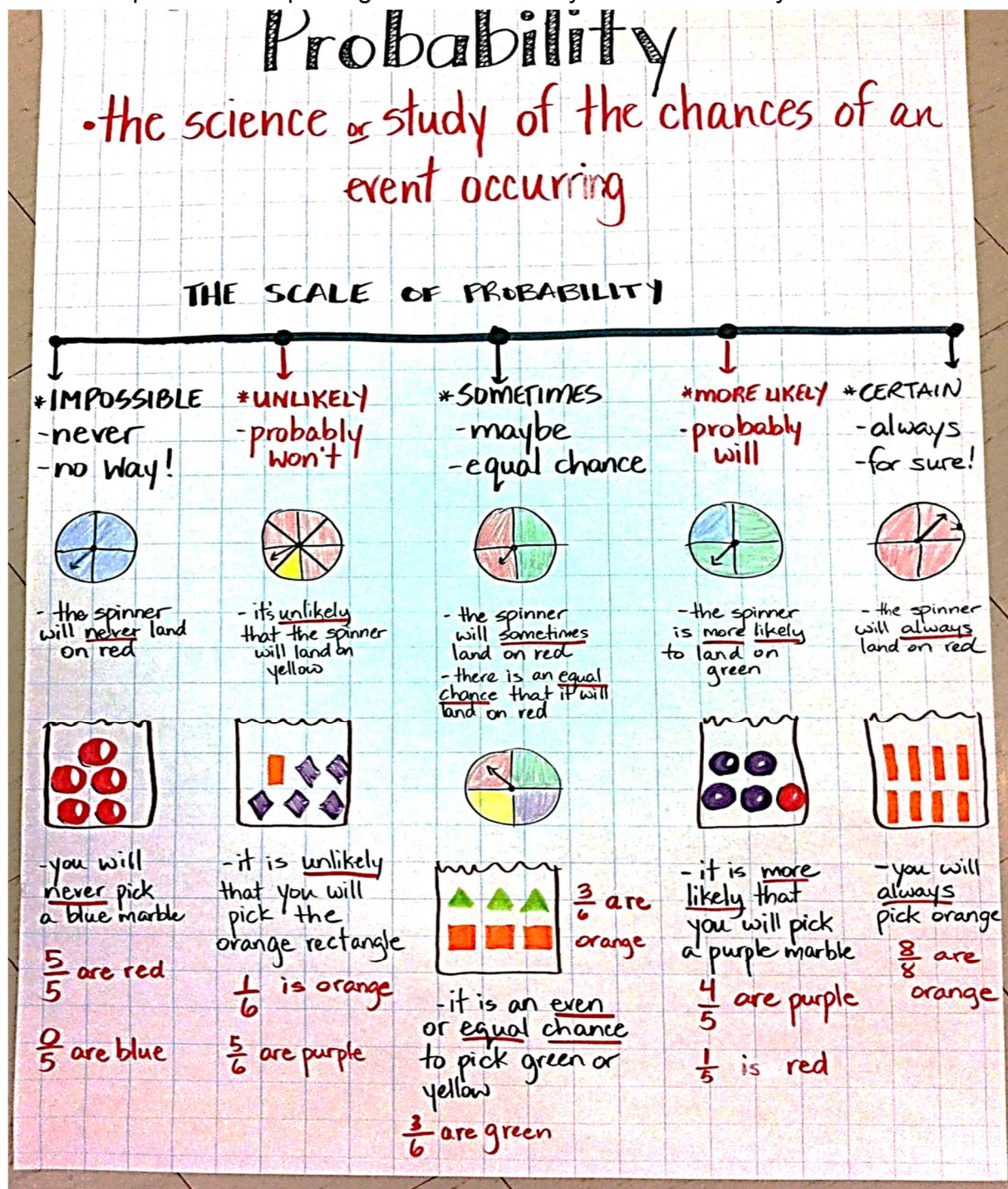
14. $16\frac{3}{4} \div 6\frac{2}{5} = \underline{\hspace{2cm}}$

15. $8 - 4\frac{1}{2} - 2\frac{1}{2} = \underline{\hspace{2cm}}$

DATA HANDLING:-

16. Median is one of the observations in the data if the number of observations is _____
17. Out of Mean, Mode and Median which can be found by observation only?
18. Between which two values does the probability of happening of an event lie?
19. The probability of a event is 1.
20. Double bar graphs help us in comparing two at a glance.

Do an activity on an A3 size sheet showing various events in a probability with example. An example is given below. Use your own creativity.





SOCIAL STUDIES

WORKSHEET-1

Topic : History (Our Past-II)

Lesson 1 Tracing changes....

Lesson-2 New kings..

Geography (Our-Environment)

Lesson-1 Environment

Lesson-2 Inside Our Earth

Civics (Social Political life-II)

Lesson -1 On Equality

Lesson-9 Struggle for Equality

Questions 1. Multiple choice questions :

1. Pala king who established the Vikramshila university was

1. Gopala 2. Devapala 3. Dharmapala

2. A caste of scribes who became powerful during medieval Period was the

1. Ahoms 2. Kayasthas 3. Rajputs

3. The style of writing that makes Persian and Arabic easy to read:

1. Shikaste 2. Nastaliq 3. Shikarte

4. Which of the following is not defined as an ecosystem :

1 desert 2. Forest 3. school

5 rock salt is an example of a :

1 igneous rock 2. metamorphic rock 3. Sedimentary rock

6 The cycle that describes the transition that all rocks undergo:

1. stone cycle 2. rock cycle 3. mineral cycle

7 Deccan plateau is made up of

1. granite 2. Basalt 3. sandstone

8. In which of the following ecosystem will be find the deer and zebra?

1. grassland 2. desert 3. large rainforest

9. Children from which communities drop out of school the most?

1. Muslims 2. Dalit and tribal 3. all of these

10. ' The right to know ' was a song written by Vinay Mahajan as a part of the _____ campaign.

1. right to equality 2. right to information 3. right to freedom



Fill in the blanks

1. _____ paintings were used to illustrate the texts of famous manuscripts.
2. Associations of traders in the Chola Kingdom were known as _____.
3. The world of living organisms constitute the _____ component of the environment
- 4 The main mineral constituents of the continental mass are _____ and _____.
5. _____ said this, " Nothing is more disgraceful for a brave man than to live life devoid of self -respect.

Name the following

1. Two men who were Brahmins but took to arms and established kingdoms.
2. Two methods people adopt to fight against inequality.
3. Rock which is also known as the primary rock.
4. Land for the maintenance of a school.
5. The component which holds the atmosphere of the earth.

Let 's Explore

1. Use Internet resources to collect information about the work of any one environmentalist.
2. Find out and name the types of rocks used in following buildings
(a) Red Fort (b) Taj Mahal (c) Hawa Mahal (d) making roads (e) used in your house

Hots

1. Before we come to any conclusion about any event or an individual we should always study all the possible reasons. How relevant is this in your daily life. Think and write.

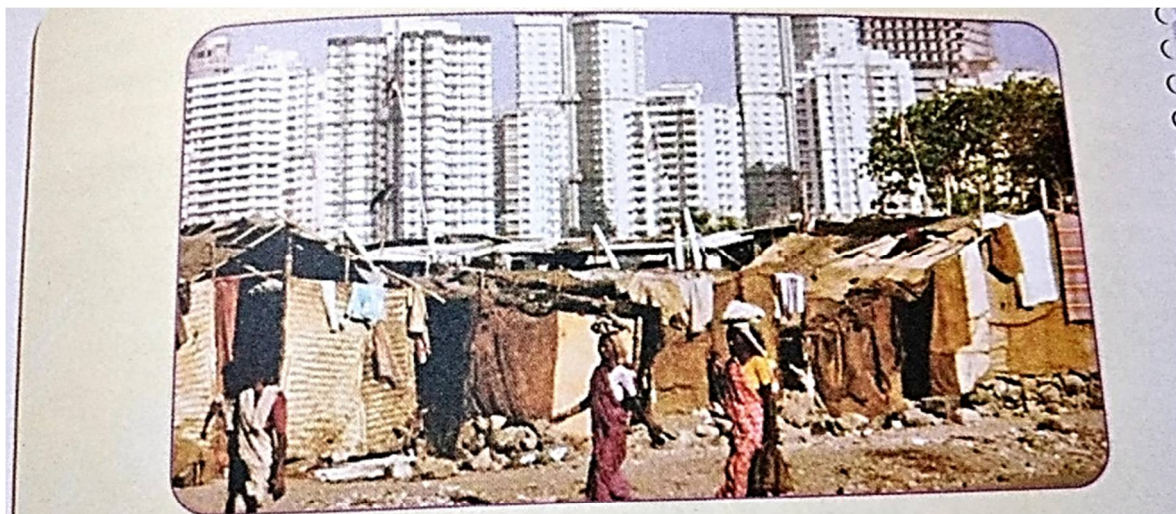
Or

2. History is full of wars. War means killing of innocent people and burden of taxation on those who remain alive. Do you think , wars are justified to expand the territorial extent of a Kingdom ? Don't you think that money should be spent on the Welfare activities instead?

WORKSHEET-2

Short questions

1. Why did the number of literary records increase during medieval period?
2. Why was kannauj an important region and cause of struggle between different dynasties.?

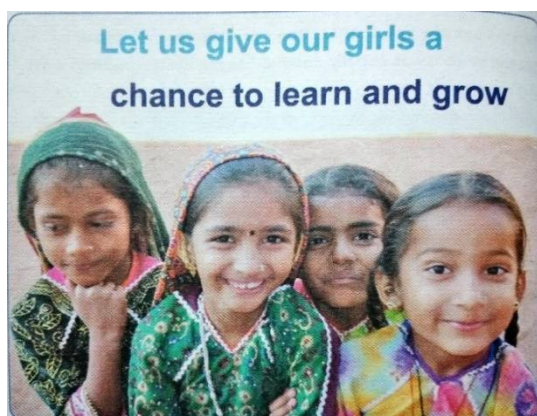


Observe the above picture carefully. Now answer the following questions based on your observation.

1. What kind of inequality is shown in the picture?
2. Why do you think this kind of inequality creeps into a democratic society?
3. Write an appropriate slogan for this picture.

3. How do human beings modify their environment? Explain with examples.
4. Why are prashasties not very accurate source of history?
5. Explain the following forms of inequalities in Indian society:

(a) Gender inequality



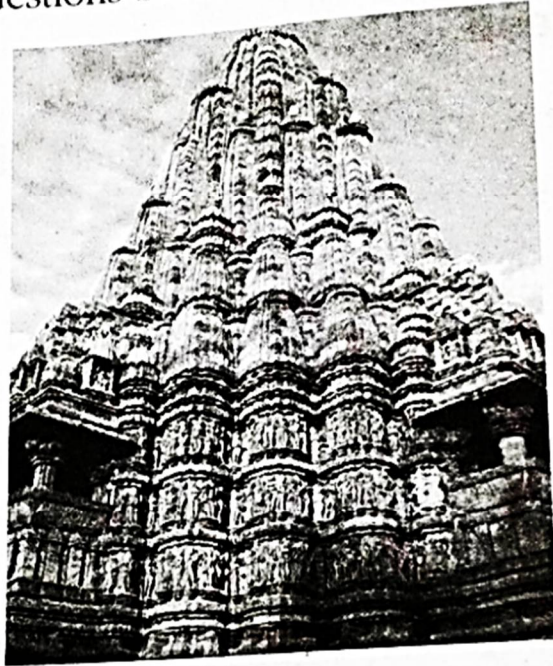
- (b) caste inequality
- (c) Religious inequality
- (d) Economic inequality

6. How these inequalities (a, b, c, d) harmed our society? Suggest ways to change the mindset and attitude of people to make our society truly equal.
7. Mention some policies for working towards sustainable development.

8. Government of India launched "Accessible India Campaign" to serve the differently-abled community of the country. Use the Internet to research about this programme and write important features of this campaign.

Picture Based Question

Answer the following questions based on the picture given below.



(i) Which monument is shown in this picture?

(ii) Which rulers took the title of Gangaikonda?

(iii) Where is the monument located?

(iv) What is the literal meaning of 'Gangaikonda'?

(v) Who built this monument?



SCIENCE

WORKSHEET-1 TOPIC:- NUTRITION IN PLANTS AND NUTRITION IN ANIMALS

Q1. Multiple Choice Questions-

1. Which part of the plant takes up carbon dioxide from the air for photosynthesis?
a) Root hair b) Stomata c) Leaf Veins
2. Amarbel is an example of-
a) Autotroph b) Saprotroph c) Heterotroph
3. Which of the following is related to wool production?
a) Sericulture b) Shearing c) Reeling
4. Which of the following is not a fibre?
a) Wool b) Cotton c) Leather

Q2. Fill in the blanks-

1. Sorter working in wool industry may suffer from _____.
2. The sticky fluid secreted by leaves from its salivary gland is called _____.
3. The small pores in the lower side of a leaf are called _____.
4. The bodies of living organisms are made up of the units called _____.

Q3. Match the column-

Humming Bird	Alimentary Canal
Buccal Cavity	Suitor
Large Intestine	Absorption of Water
Rumen	Cow

Q4 State True or False-

1. The process of taking food is called assimilation.
2. Amoeba throws out its undigested food through food vacuole.
3. Cuscuta is totally parasite plant.
4. The mode of nutrition in lichen is symbiotic.



Q5) Give one word-

1. The process of taking food and its utilization by the body.
2. The mode of nutrition in the plant that derive their food from the dead and decayed organic matter.
3. The fleshy muscular organ that helps in speaking.
4. The process of throwing the solid waste out of the body is .

Q6) . Circle the odd one out-

1. Cow, Horse, Human Being, Amoeba
2. Canines, Premolars, Churning, Grinding
3. Large Intestine, Small intestine, Stomach, Kidney

Q7.) Define the following terms-

1. Nutrition
2. Rumination
3. Parasitic Nutrition
4. Symbiosis

Q8.) Draw and label diagram of plant cell and animal cell.

Q9.) Draw the diagram of digestive system and label it.

Q10.)HOTS

Wild animal like tiger,wolf,lion and leopard do not eat plants .Does this mean that they can survive without plants .Give reason to support your answer

WORKSHEET 2 TOPIC : FIBRE TO FABRICS AND HEAT

Q1) Multiple Choice question

- 1) A thermometer is a device for measuring the ____ of an object.
a) Temperature b) Weight c) Size
- 2) A liquid which is a good conductor of heat is
a) Water b) Milk c) Mercury
- 3) The process which can transfer heat through the vacuum as well as air is
a) Conduction b) Convection c) Radiation
- 4) The most common variety of silk is
a) Tassar silk b) Moonga silk c) Mulberry silk



Q2) Fill in the blanks

1. Angora goats are found in _____.
2. The rearing of silkworm for obtaining silk is called _____.
3. Sorter working in wool industry may suffer from _____.
4. Heat cannot travel by convection through _____.

Q3) Match the following

Temperature	Solid
Conduction	Insulator
Mica	Thermometer
Land hot ,sea cooler	Poor heat absorber
Bright and shinny	Sea breeze

Q4 State True or False

- 1 A laboratory thermometer can be used to measure the body temperature of human.
- 2 Solids are heated mainly by conduction
- 3 Two thin blankets are usually warmer than one thick one.
4. Silk fibre are long, even, straight and fine.

Q5) Give one word-

1. Flow of heat from a hot body to a colder body.
2. A device used for measuring temperature.
3. The process by which wool fibre are straightened.
4. The fibre that burns with the smell of burning paper

Q6). Circle the odd one out-

1. wool, rayon, silk, pashmina
2. Egg, caterpillar, pupa, mulberry seed, cocoon.

Q7) Define the following

- 1 Scouring
- 2 Radiation
- 3 Land breeze

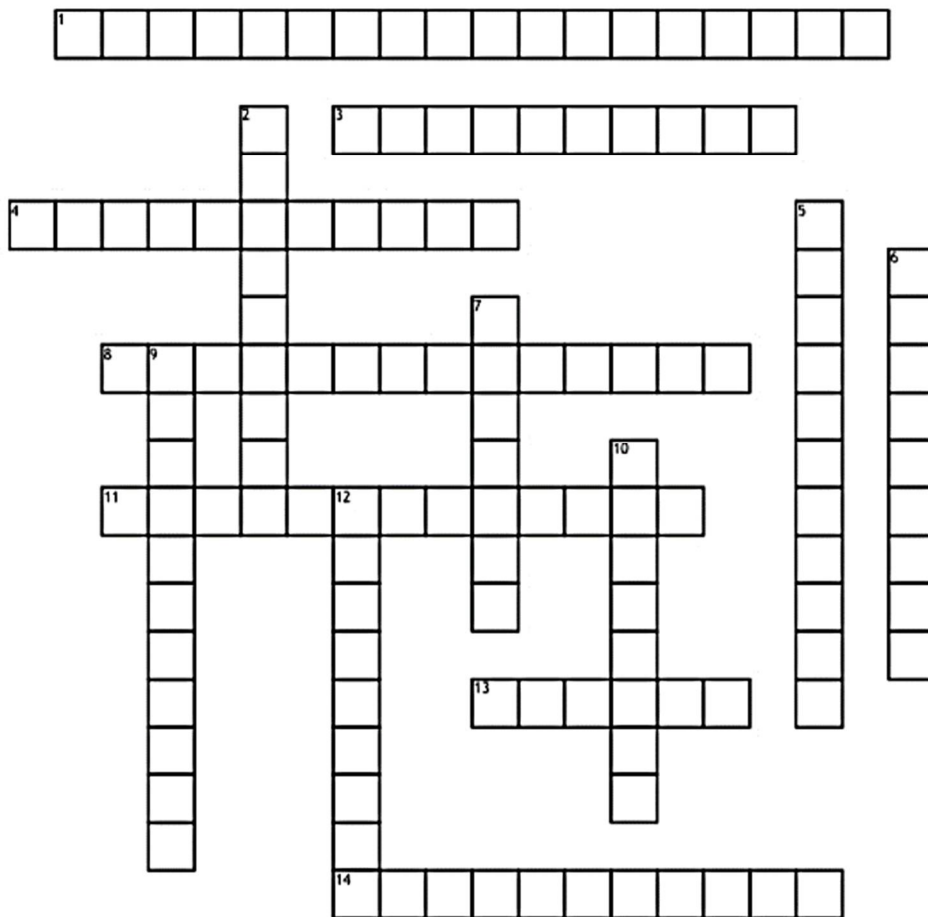
Q8) Draw a well labelled diagram of sea breeze and land breeze.

Q9) Draw the diagram of clinical thermometer and label it.

Q10) Write an activity to show that liquid transfer heat by convection.



NUTRITION IN PLANTS



Across

1. carnivores plants that feed on insect
3. making in their itself
4. organism feed on dead and decaying matter
8. process of making food in plants

11. loss of water in leaves of plant

13. bulky organic matter
14. give pigment in plants

Down

2. process of obtaining and utilizing food
5. encourages root developing

6. bacteria who attracts nitrogen from soil

7. Tiny pores on leaf surfaces

9. depend on other organism for food

10. A fertilizer supplying two or more nutrient

12. organism feed on their host

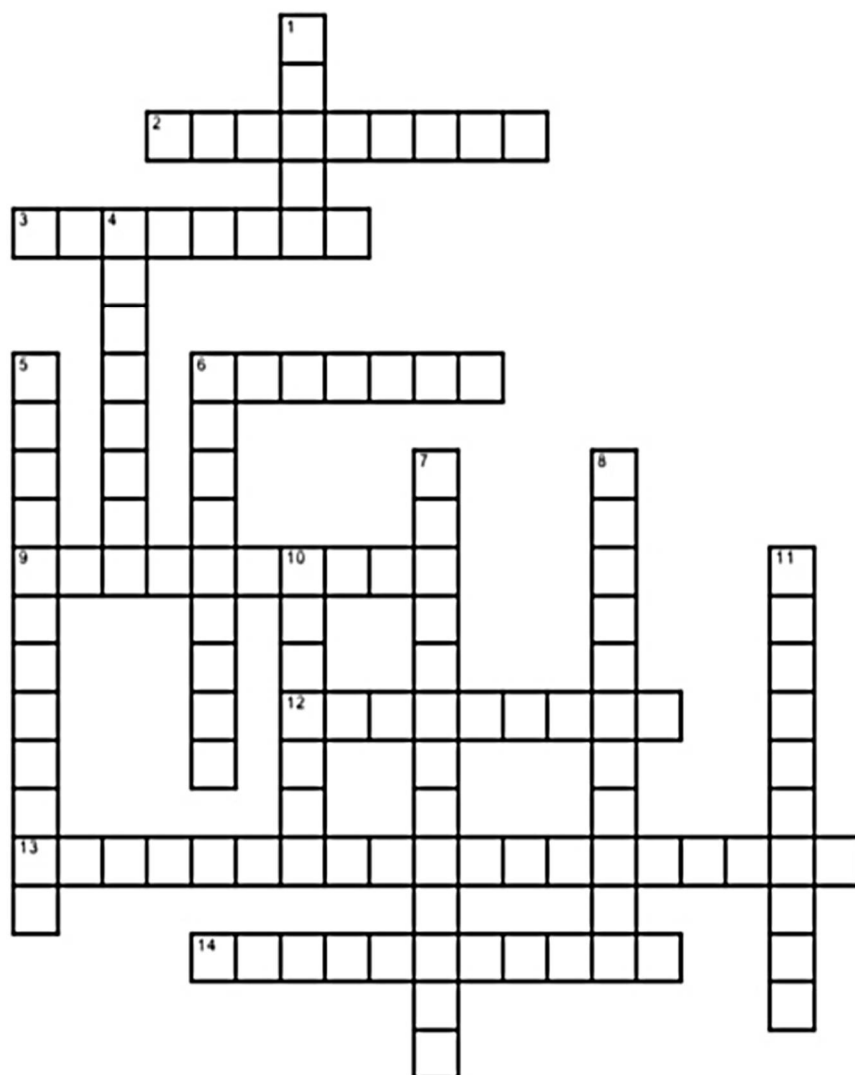
Word Bank

stomata
insectivorous plant
rhizobium
manure

chlorophyll
transpiration
saprotrophs
compound

photosynthesis
autotrophs
nutrition

parasitic
heterotrophs
phosphorous



Across

- 2 A material that doesn't conduct heat well. (9)
- 3 What electromagnetic rays that transfer heat are called. (8)
- 6 Temperature is usually measured in degrees _____. (7)
- 9 Flow of heat between two objects that are touching. (10)
- 12 Heat transfer across empty space. (9)
- 13 How well a material conducts heat. (7,12)
- 14 A measure of how hot or cold something is. (11)

Down

- 1 The unit that heat is measured in. (5)
- 4 Force that generates heat when two objects are rubbing. (8)
- 5 The amount of heat energy a material required to change the temperature of a material. (4,8)
- 6 A material that does conduct heat well. (9)
- 7 Temperature is a measure of the average _____ of the particles in a material. (7,6)
- 8 A tool used to measure temperature. (11)
- 10 Another word for heat. (7)
- 11 Flow of heat in liquids and gases. (10)



Q12) HOTS

Why is a room heater placed near the floor and an air-conditioned near the ceiling?



COMPUTER

WORKSEET-1 TOPIC : NUMBER SYSTEM

Q1) Fill in the blanks

1. The base of a ____ number system is 10.
2. In binary addition, $1 + 0 =$ ____.
- 3) The ____ number system consists of 10 digit.
- 4) The ____ number system is understood by the computer system.
- 5) The ____ function returns the average of the range value.

Q2) Multiple Choice question

1. To convert a decimal number into binary number, divide the number by ____
 - 2 b) 8 c) 10
- 2) In the hexadecimal number system, the letter A-F represent digits ____
 - a) 10-16 b) 10-15 c) 9-15
 - ____ gives the sum of a range
 - SUM () b) Average () c) OOD(number)
- 4) Which key combination is used to get the sum of the value of the adjacent cells?
 - a) Shift +S b) ctrl +' c) Alt+=

Q3) Convert the following

- 5) $(139)_{10} = ()_8$
- 6) $(147)_2 = ()_{10}$
- 7) $(01101)_2 = ()_{10}$
- 8) $(100)_2 = ()_{10}$

Q4) Find the sum of the following number

- 1) $10101 + 00111$
- 2) $110011 + 110011$
- 3) $1101 + 1001$

Q5) What is the importance of the binary number system.?

Q6) Write the rules to convert a decimal number to a binary number step by step with the help of example.

Q7) Make a cover page of book or magazine in MS Word and take a print out of it in A4 size sheet.



WORKSHEET -2 TOPIC : FORMULAS AND FUNCTIONS

Q1) Draw a table with 12 row and 9 column and name it as fee record with field as Addmission no,name,class,first quater,second quarter,third quater,forth quater,amount deposited,amount left

Addm no	Name	Class	First Quater	Second Quater	Third quater	Fourth quater	Amount deposited	Amount left
AB101	Ajay	7	7000	7000	7000	0		
AB102	Amita	7	7000	7000	0	8000		
AB103	Charu	7	6000	7000	5000	7000		
AB104	Ishika	7	7000	5000	6000	7000		
AB105	Sarika	7	6000	8000	7000	0		
AB106	Tanya	7	7000	7000	7000	7000		
AB107	Rakesh	7	6000	7000	8000	7000		

- Calculate the Amount deposited by typing the formula.
- Calculate the Amount left by using absolute reference ie 28000-Amount deposited
- Save the excel sheet with the name FEE RECORD.
- Add another row of a student name Ashish.
- Delete a record with Addm no AB107.

GENERAL KNOWLEDGE

● PROJECT WORK

- Write any six moral values on A4 sheet and decorate it beautifully .
- Make a collage of Yoga Asanas on A4 sheet and decorate the border.
- Collect the information about any five famous women of India(sports,education,bollywood). Paste their pictures and write a short paragraph on each in about 30 words on A3 sheet.

Part - II

*Prepare a thin notebook for G. K homework.

Now it's time to enjoy as summer vacation has started ,so let us solve the riddles-

1) RIDDLES

Options-Cookies, Your age, Keybord, A Secret



- a) What goes up but never comes back down?
- b) What kind of keys are secret?
- c) If I have it, I don't share it. If I share it, I don't have it. What is it?
- d) I have keys but no locks. I have space but no room. You can enter but can't go outside. What am I?

2) Current affairs

- a) _____appointed as new Lt. Governor of Delhi.
- b) Punjab health minister _____ arrested over corruption charges.
- c) SC releases Rajiv Gandhi's killer after _____years.
- d) _____actresses Chaitra Halikeri lodged FIR against Father-in-law and husband.
- e) _____becomes second highest entrance exam in India;9-14 lakh registration, 87 universities on board.

ART & CRAFT

Design a beautiful Invitation Card and use it according to your own creativity

Let the world witness your portrait magic. Draw a fine portrait of any one famous sportsperson

😊😊😊 THE END 😊😊😊