

**ENGLISH HOLIDAY HOMEWORK**

(M.M= 30 + 10 + 10 =50 marks)

**ASSIGNMENT**

(30 marks)

**GENERAL INSTRUCTIONS:**

1. Attempt all questions in your class register.
2. All the answers must be correctly numbered as given in the assignment.
3. Assignment carries 30 marks and PPT carries 10 marks.
4. Sikkim Project carries 10 marks.

**Q-1. The following passage has not been edited. There is one error in each line. Write the incorrect word and the correction in the space provided as given below:** (1x6=6 marks)

	Error	Correction
A one-eyed man was traveling	e.g A	An
through a bus one day. He was	(a) _____	_____
carrying a huge bag on him	(b) _____	_____
shoulder. Anyone sitting next to him	(c) _____	_____
said, "Why didn't you keep your bag	(d) _____	_____
beneath the seat?" The man smiled	(e) _____	_____
and said, "It is too big to be kept their".	(f) _____	_____

**Q-2. Rearrange the following words and phrases to form meaningful sentences:** (1 X2=2 marks)

- (a) Children/16/daily/die/Indian /roads/on  
 (b) abides/he/ the/by /of /laws/country/his

**Q-3 Study the given notes and complete the paragraph that follows by filling up the gaps with the most appropriate option from those given:** (1X2=2 marks)

**1. Notes:**

- Rainy day
- Busy traffic
- Car collision with a speeding bus
- 5 badly injured, 1 died on the spot
- Injured taken to the hospital
- Local help

It was a rainy day. Traffic (a)..... busy on the road. A (b)..... hit a car badly in the market. Five commuters were badly injured while one person **died** on the spot. The injured persons were taken to the nearest hospital. The local people were of great help.

- (a) (i) will be (ii) was (iii) is (iv) has been  
 (b) (i) speeding bus (ii) speeded bus (iii) sped up bus (iv) speed bus

**Q-4 Answer the following questions in about 40-50 words:** (3x4=12marks)

1. Toto's mischief's are beyond imagination. Support your answer from the story "The Adventures of toto."
2. A child cannot live without his parents. How has this truth been illustrated in the story, "The Lost Child."
3. Why did the grandfather sell Toto back to the tonga driver?

4. What was Margie's opinion about school? What had recently been going on in the geography class and what did her mother read?

**Q-5 Read the given extract and answer the questions that follow:**

**(1X4=4marks)**

*'And both that morning equally lay  
In leaves, no step had trodden black.  
Oh, I kept the first for another day!  
Yet knowing how way leads on to way,*

**Questions :**

- (a) How did both the roads lie?  
(b) Why did the poet leave the first road?  
(c) Why did the poet suffer from a doubt?  
(d) Who does 'both' refer to?

**Q-6 Answer the following question in about 80 words:**

**(4 marks)**

"The choice we make has far-reaching consequences." How can you make the right choices in life? Support your answer from the poem, "The Road not Taken."

## **PROJECT**

**(10 marks)**

**Make an impressive PPT explaining the Tenses.**

- Include all the things which are important in learning tenses.
- Remember you can use your own examples to explain the concept of Tenses.
- Your PPT should not exceed more than 20 slides.
- Hard copy of PPT is also needed.
- Cover page should be colourful containing name, class, section, admission no. and subject.

## **ACTIVITY**

**(10 marks)**

**Make a Lakshadweep, Andaman and Nicobar Islands Project.**

Keep the following points in mind:

- Total number of pages should be **20**.
- Cover page includes **Name, Class and section, School name, Admission number**.
- Second page – Map of Lakshadweep, Andaman and Nicobar Islands
- Then pages should be added in the following order
  1. English – 4-5
  2. Hindi – 4-5
  3. Punjabi – 4-5
  4. Maths – 4-5
  5. Science – 4-5
  6. S.Sc. – 4-5
- Submit all subjects work in **one file**.

- All the information should be hand written. Relevant pictures should be pasted.

For English

- Roll no. 1-5 Tourist places of Lakshadweep, Andaman and Nicobar Islands (1.5.4)
- Roll no. 6-10 Weather of Lakshadweep, Andaman and Nicobar (1.1.3)
- Roll no. 11-15 Museums and Art Galleries of Lakshadweep, Andaman and Nicobar Islands (1.5.4)
- Roll no. 16-20 culture and traditions of Lakshadweep, Andaman and Nicobar Islands (1.5.3)
- Roll no. 21-25 Famous dances of Lakshadweep, Andaman and Nicobar Islands (5.1.2)
- **Roll no. 26-30 Famous music and musicians of Lakshadweep, Andaman and Nicobar Islands (2.3.1)**
- **Roll no. 31-35 Famous Art Forms and artists of Lakshadweep, Andaman and Nicobar Islands(1.6.1)**
- **Roll no. 35-40 Festivals and culture of Lakshadweep, Andaman and Nicobar Islands.(1.5.3)**
- **Roll no. 41-45 Handicrafts (1.3.1)**

## HINDI HOLIDAY HOMEWORK

**निर्देश-** 1. सभी प्रश्नों के उत्तर साफ एवं सुंदर लिखाई में लिखिए।

2. परियोजना एवं गतिविधि कार्य विभिन्न रंगों एवं चित्रों द्वारा आकर्षक और कलात्मक बनाइए।

**प्रश्न-1** दिल्ली और लक्षद्वीप, अंडमान-निकोबार के सभ्यता और संस्कृति (Code-1.5.3) का तुलनात्मक अध्ययन- (10)

**निर्देश-** प्रत्येक समूह को दिए गए विषय पर हस्तलिखित एवं चित्रात्मक गतिविधि कार्य करना है।

क्रमांक- 1 से 5 व्यवसाय (आय के साधन)

6 से 10 हस्तशिल्प एवं कला

11 से 15 त्यौहार

16 से 20 लोकगीत व संगीत

21 से 25 भोजन एवं रहन-सहन

26 से 31 पर्यटन स्थल

32 से 37 लोक नृत्य.

**प्रश्न-2** पोशाक के माध्यम से हर व्यक्ति का दूसरों से प्रथम परिचय होता है। इस कथन को भिन्न-भिन्न चित्रों के माध्यम से स्पष्ट कीजिए। (10)

### कार्यपत्रिका

**लघुउत्तरीय प्रश्नोत्तर-** (1x10=10)

प्रश्न-1. अग्रिम दल का नेतृत्व कौन कर रहा था?

प्रश्न-2. बचेंद्री पाल ने अपने थैले से क्या निकाला?

प्रश्न-3. बुढ़िया को देखकर लेखक को किसकी याद आई?

प्रश्न-4. एवरेस्ट नेपालियों में किस नाम से प्रसिद्ध था?

प्रश्न-5. 'रैदास' ने अपने स्वामी को किन किन नामों से पुकारा है?

प्रश्न-6. सोने को शुद्ध करने के लिए किस चीज का प्रयोग किया जाता है?

प्रश्न-7. गरीब-नवाजु किसे कहा जग गया है?

प्रश्न-8. भगवाना की मृत्यु का क्या कारण था?

प्रश्न-9. बुढ़िया को कोई भी उधार क्यों नहीं देता?

प्रश्न-10. लेखिका को ध्वज जैसा क्या लगा?

**अंतर स्पष्ट करिए-** (3x4=12)

प्रश्न-11. अनुस्वार एवं अनुनासिक

प्रश्न-12. शब्द और पद

प्रश्न-13. उपसर्ग एवं प्रत्यय

प्रश्न-14. आज्ञा वाचक एवं निषेधवाचक वाक्य

प्रश्न-15 पृथ्वी को प्रदूषण से बचाने में आप क्या योगदान दे सकते हैं? अपने उपायों को अनुच्छेद के रूप में लिखिए। (4)

प्रश्न-16 प्रातः कालीन सैर के लाभों का वर्णन करते हुए अपने छोटे भाई/बहन को पत्र लिखिए। (4)

**PUNJABI HOLIDAY HOMEWORK**

ਗਰਮੀ ਦੀਆਂ ਛੁਟੀਆਂ ਦਾ ਕੰਮ

ਕੁੱਲ ਅੰਕ - 30

ਕੁੱਲ ਸਫ਼ੇ - 3

ਖਾਸ ਹਦਾਇਤਾਂ:ਪ੍ਰਸ਼ਨ 1-10 ਦੇ ਉੱਤਰ ਇੱਕ ਵਾਕ ਵਿੱਚ ਲਿਖੋ  $1 \times 10 = 10$  ਅੰਕਪ੍ਰਸ਼ਨ 11-14 ਦੇ ਉੱਤਰ 25 - 30 ਸ਼ਬਦਾਂ ਵਿੱਚ ਲਿਖੋ  $3 \times 4 = 12$  ਅੰਕਪ੍ਰਸ਼ਨ 15-16 ਦੇ ਉੱਤਰ 50 - 60 ਸ਼ਬਦਾਂ ਵਿੱਚ ਲਿਖੋ  $4 \times 2 = 8$  ਅੰਕ

ਪ੍ਰਸ਼ਨ 1 'ਈਦ ਦਾ ਚੰਦ ਹੋਣਾ' ਮੁਹਾਵਰੇ ਦਾ ਅਰਥ ਲਿਖ ਕੇ ਵਾਕ ਬਣਾਉ।

ਪ੍ਰਸ਼ਨ 2 'ਸ਼ਰਮ ਨਾਲ ਪਾਣੀ ਪਾਣੀ ਹੋਣਾ' ਮੁਹਾਵਰੇ ਦਾ ਅਰਥ ਲਿਖ ਕੇ ਵਾਕ ਬਣਾਉ।

ਪ੍ਰਸ਼ਨ 3 ਪ੍ਰੋਫੈਸਰ ਅਤੇ ਹਿਰਨ ਸ਼ਬਦ ਦਾ ਲਿੰਗ ਬਦਲੋ।

ਪ੍ਰਸ਼ਨ 4 ਨਾਇਕ ਅਤੇ ਜਾਦੂਗਰ ਸ਼ਬਦ ਦਾ ਲਿੰਗ ਬਦਲੋ।

ਪ੍ਰਸ਼ਨ 5 ਈਰਖਾ ਅਤੇ ਸੰਗਤ ਸ਼ਬਦ ਦਾ ਵਿਰੋਧੀ ਸ਼ਬਦ ਲਿਖੋ।

ਪ੍ਰਸ਼ਨ 6 ਇਮਾਨਦਾਰ ਅਤੇ ਆਸ਼ਾ ਸ਼ਬਦ ਦਾ ਵਿਰੋਧੀ ਸ਼ਬਦ ਲਿਖੋ।

ਪ੍ਰਸ਼ਨ 7 ਮੈਂ ਕੱਲ ਨੂੰ ਜਾਣਾ ਹੈ ਦਿੱਲੀ ਵਾਕ ਨੂੰ ਸ਼ੁੱਧ ਕਰਕੇ ਲਿਖੋ।

ਪ੍ਰਸ਼ਨ 8 ਸੁਨੀਤਾ ਲੜ ਰਿਹਾ ਹੈ ਵਾਕ ਨੂੰ ਸ਼ੁੱਧ ਕਰਕੇ ਲਿਖੋ।

ਪ੍ਰਸ਼ਨ 9 ਵਿਸਮਿਕ ਕਿਸਨੂੰ ਆਖਦੇ ਹਨ ਅਤੇ ਇਹ ਕਿੰਨੇ ਪ੍ਰਕਾਰ ਦੇ ਹੁੰਦੇ ਹਨ ?

ਪ੍ਰਸ਼ਨ 10 ਅਸੀਸ ਵਾਚਕ ਵਿਸਮਿਕ ਦੇ ਕੋਈ ਦੋ ਉਦਾਹਰਨ ਲਿਖੋ।

ਪ੍ਰਸ਼ਨ 11 ਕਿਰਿਆ ਕਿਸ ਨੂੰ ਆਖਦੇ ਹਨ ? ਕਿਰਿਆ ਦੇ ਕਿੰਨੇ ਭੇਦ ਹਨ ਭੇਦਾਂ ਦੇ ਨਾਂ ਲਿਖਦੇ ਹੋਏ ਦੋ - ਦੋ ਉਦਾਹਰਣ ਲਿਖੋ।

ਪ੍ਰਸ਼ਨ 12 ਇਕਾਂਗੀ ਮੈਨਧਾਰੀ ਵਿਚ 'ਰਾਮ ਪਿਆਰੀ' ਪਾਤਰ ਦਾ ਪਾਤਰ ਚਿਤਰਣ ਆਪਣੇ ਸ਼ਬਦਾਂ ਵਿੱਚ ਕਰੋ।

ਪ੍ਰਸ਼ਨ 13 'ਸਮਾਂ ਬਹੁਤ ਬਲਵਾਨ ਹੈ' ਸਮੇਂ ਨੂੰ ਕਿਸ ਤਰ੍ਹਾਂ ਸੰਭਾਲ ਕੇ ਰੱਖਣਾ ਚਾਹੀਦਾ ਹੈ ਕਵਿਤਾ ਸਮਾਂ ਦੇ ਅਧਾਰ ਤੇ ਆਪਣੇ ਵਿਚਾਰ ਦੱਸੋ।

ਪ੍ਰਸ਼ਨ 14 ਹੇਠ ਦਿੱਤੀ ਅਣਡਿਠੀ ਕਾਵਿ ਟੁਕੜੀ ਨੂੰ ਪੜ੍ਹ ਕੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਦਿਓ -

ਮੈਂ ਪੰਜਾਬੀ, ਪੰਜਾਬ ਦੇ ਰਹਿਣ ਵਾਲਾ,  
 ਹਾਂ ਮੈਂ ਪੇਂਡੂ ਪਰ ਸ਼ਹਿਰੀਏ ਵੰਗ ਦਾ ਹਾਂ।  
 ਸਮਝਾਂ ਫ਼ਾਰਸੀ, ਉਰਦੂ ਵੀ ਖੂਬ ਬੋਲਾਂ,  
 ਬੋਹੜੀ ਬਹੁਤੀ ਅੰਗਰੇਜ਼ੀ ਵੀ ਅੰਗਦਾ ਹਾਂ।  
 ਬੋਲੀ ਆਪਣੀ ਨਾਲ ਪਿਆਰ ਰੱਖਾਂ,  
 ਇਹ ਗੱਲ ਆਖਣੋਂ ਕਦੇ ਨਾ ਸੰਗਦਾ ਹਾਂ।  
 ਮੇਰੀ ਕਿਸੇ ਸੁਹਾਗਣ ਦੀ ਨੱਥ ਦਾ ਮੈਂ,  
 ਟੁਕੜਾ ਕਿਸੇ ਪੰਜਾਬਣ ਦੀ ਵੰਗ ਦਾ ਹਾਂ।

(ੳ) ਕਵੀ ਕਿੱਥੇ ਦਾ ਰਹਿਣ ਵਾਲਾ ਹੈ ?

(ਅ) ਕਵੀ ਕਿਹੜੀ ਭਾਸ਼ਾ ਬੋਲੀ ਬਹੁਤੀ ਜਾਣਦਾ ਹੈ ?

(ੲ) ਕਵੀ ਕਿਹੜੀ ਬੋਲੀ ਨਾਲ ਪਿਆਰ ਕਰਦਾ ਹਾਂ ?

ਪ੍ਰਸ਼ਨ 15 ਵਿਦਿਆਰਥੀ ਅਤੇ ਅਨੁਸ਼ਾਸ਼ਨ ਵਿਸ਼ੇ ਉੱਤੇ 100 ਸ਼ਬਦਾਂ ਦਾ ਪੈਰਾ ਰਚਨਾ ਲਿਖੋ ।

ਪ੍ਰਸ਼ਨ 16 ਆਪਣੇ ਮਿੱਤਰ ਜਾਂ ਸਹੇਲੀ ਨੂੰ ਤੁਸੀਂ ਗਰਮੀ ਦੀਆਂ ਛੁੱਟੀਆਂ ਵਿਚ ਕੀ ਕੁਝ ਨਵਾਂ ਸਿੱਖਿਆ ਪੱਤਰ ਰਾਹੀਂ ਦੱਸੋ।

- ਪੰਜਾਬ ਦੇ ਕੋਈ 4 ਮੇਲਿਆਂ ਉੱਤੇ 4-5 ਸਫ਼ਿਆਂ ਦਾ ਪ੍ਰੋਜੈਕਟ ਤਿਆਰ ਕਰੋ । 10 ਅੰਕ
- ਐਕਟਿਵਿਟੀ ਆਪਣੇ ਰੋਲ ਨੰਬਰ ਅਨੁਸਾਰ ਕੀਤੀ ਜਾਵੇਗੀ - 10 ਅੰਕ

ਰੋਲ ਨੰ.1 ਤੋਂ 5 ਅੰਡੇਮਾਨ ਅਤੇ ਨਿਕੋਬਾਰ ਲਕਸ਼ਦੀਪ ਦੇ ਕੋਈ ਵੀ ਪ੍ਰਮੁੱਖ 3 ਲੋਕ ਨਾਚ ਉੱਤੇ ਤਿੰਨ ਸਫ਼ਿਆਂ ਦੀ ਐਕਟਿਵਿਟੀ ਤਿਆਰ ਕਰੋ। (5.1.3)

ਰੋਲ ਨੰ.6 ਤੋਂ 10 ਅੰਡੇਮਾਨ ਅਤੇ ਨਿਕੋਬਾਰ ਲਕਸ਼ਦੀਪ ਦੇ ਕੋਈ ਵੀ ਪ੍ਰਮੁੱਖ 3 ਪਹਿਰਾਵਿਆਂ ਉੱਤੇ ਤਿੰਨ ਸਫ਼ਿਆਂ ਦੀ ਐਕਟਿਵਿਟੀ ਤਿਆਰ ਕਰੋ। (5.3.2)

ਰੋਲ ਨੰ. 11 ਤੋਂ 15- ਅੰਡੇਮਾਨ ਅਤੇ ਨਿਕੋਬਾਰ ਲਕਸ਼ਦੀਪ ਦੇ ਕੋਈ ਵੀ ਪ੍ਰਮੁੱਖ 3 ਤਿਉਹਾਰਾਂ ਉੱਤੇ ਤਿੰਨ ਸਫ਼ਿਆਂ ਦੀ ਐਕਟਿਵਿਟੀ ਤਿਆਰ ਕਰੋ। (1.5.3)

ਰੋਲ ਨੰ. 16 ਤੋਂ 20- ਅੰਡੇਮਾਨ ਅਤੇ ਨਿਕੋਬਾਰ ਲਕਸ਼ਦੀਪ ਦੇ ਕੋਈ ਵੀ ਪ੍ਰਮੁੱਖ 3 ਸੰਗੀਤਕਾਰ ਅਤੇ ਉਨ੍ਹਾਂ ਦੇ ਸ਼ਾਜਾਂ ਉੱਤੇ ਤਿੰਨ ਸਫ਼ਿਆਂ ਦੀ ਐਕਟਿਵਿਟੀ ਤਿਆਰ ਕਰੋ । (2.3.1)

ਰੋਲ ਨੰ. 21 ਤੋਂ 25 - ਅੰਡੇਮਾਨ ਅਤੇ ਨਿਕੋਬਾਰ ਲਕਸ਼ਦੀਪ ਦੇ ਸੱਭਿਆਚਾਰ ਅਤੇ ਕਲਾ ਉੱਤੇ ਤਿੰਨ ਸਫ਼ਿਆਂ ਦੀ ਐਕਟਿਵਿਟੀ ਤਿਆਰ ਕਰੋ। (1.6.1)

**MATHEMATICS HOLIDAY HOMEWORK**

(30+10+10=50 marks)

**ASSIGNMENT**

(30 marks)

General Instructions :

- Question No. 1-10 are of 1 mark each.
- Question No. 11-14 are of 3 marks each.
- Question No. 15-16 are of 4 marks each.

1. Insert an irrational number between  $\frac{2}{5}$  and  $\frac{3}{4}$ .
2. Are all whole numbers natural numbers? If not, then which whole number is not a natural number ?
3. Find a rational number between -1 and -1.2.
4. Justify 3.020020002 is a rational number.
5. If  $x^3 = 27$ , then x represents a rational or an irrational number?
6. Find the value of k, if  $x = -2$  and  $y = 3$  is a solution of the equation  $9x - y = k$ .
7. Express  $5x = -8y$  in the form of  $ax + by + c = 0$ .
8. Check whether (1,1) is a solution of the equation  $2x + y = 3$  or not.
9. How many solution(s) exists for the linear equation  $2x - 5y = 7$  ?
10. Write the coordinates of a point whose abscissa is -7 and ordinate is 2.
11. a) Express  $0.\overline{34}$  in the form of  $\frac{p}{q}$ , where p and q are integers and  $q \neq 0$ .  
b) Write  $\frac{4}{7}$  in decimal form and say what kind of decimal expansion it has.
12. Find the coordinates of the point
  - a. which lies on x and y axes both.
  - b. whose ordinate is -4 and which lies on y-axis.
  - c. whose abscissa is 5 and which lies on x-axis.
13. In which quadrant or on which axis do the following points lie?
  - a. (4,2)
  - b. (-3,5)
  - c. (-2,-5)
  - d. (7,-3)
  - e. (2,0)
  - f. (0,-5)
14. Find any three solutions for the given equation:-  $4x + 3y = 24$ .
15. a. What is the simplified value of  $(81)^{\frac{-1}{4}} \div (81)^{\frac{1}{4}}$  ?  
b. Rationalise the denominator of  $\frac{3}{\sqrt{7}-\sqrt{2}}$
16. a. Represent  $\sqrt{8.9}$  on the number line.  
b. Represent  $\sqrt{3}$  on the number line.



**ACTIVITY**

(10 marks)

**GROUP 1 (Roll No. 1-5)**

Make a project on “Comparison of Population in Andaman & Nicobar Island and 5 other states of India of your choice” using Bar Graph.

**GROUP 2 (Roll No. 6-10)**

Find the land area of Andaman & Nicobar Island and Lakshadweep.

- Find HCF of both values.
- Find LCM of both values.

**GROUP 3 (Roll No. 11-15)**

Make a project on “Comparison of literacy rate in Lakshadweep and 5 other states of India of your choice” using Bar Graph.

**GROUP 4 (Roll No. 16-20)**

Find distance between Lakshadweep and Andaman & Nicobar Island in Kilometers.

- Find square of the distance.
- Find square root of the distance.

**GROUP 5 (Roll No. 21-25)**

Make a project on “Comparison of Population Density in Andaman & Nicobar Island and 5 other states of India of your choice” using Bar Graph.

**GROUP 6 (Roll No. 26-30)**

Collect data for number of Males and Females in Lakshadweep.

- Write the ratio in lowest form (females/males).
- Fraction's value in decimal form.
- Males and females percentage.

**GROUP 7 (Roll No. 31-35)**

Draw a pie chart on the basis of “Religion followed in Andaman & Nicobar Islands”.

**GROUP 8 (Roll No. 35 onwards)**

Find the number of islands in Andaman & Nicobar Island and Lakshadweep.

- Find HCF of both values.
- Find LCM of both values.

**PROJECT**

(10 marks)

$$\text{Proof of identity : } (a + b)^2 = a^2 + 2ab + b^2$$

**Objective:** To verify the identity  $(a + b)^2 = a^2 + 2ab + b^2$  by paper cutting and pasting.

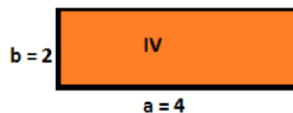
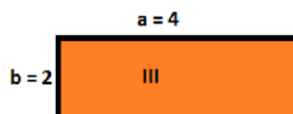
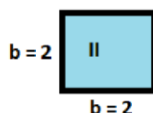
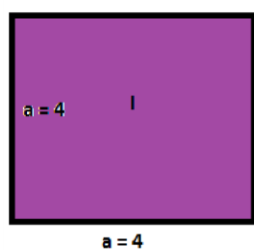
**Material Required:** A sheet of white paper, three sheets of coloured paper (different colours), a pair of scissors, glue stick and a geometry box.

**Steps:-**

1. Cut a square of side ***a*** (say ***4 units***) on a coloured paper (purple).
2. Cut a square of side ***b*** (say ***2 units***) on coloured paper (blue).



3. Now, cut two rectangles of length  $a$  (4 units) and breadth  $b$  (2 units) from third coloured paper (orange).



4. Draw a square PQRS of side of length  $(a + b) = (4 + 2)$ , 6 units on white paper sheet as shown (Fig 1).

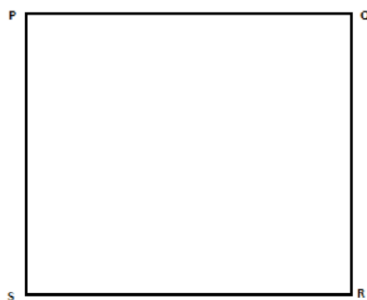


Figure 1

5. Paste the squares I and II and two rectangles III and IV on the same white squared paper. Arrange all the pieces on the white square sheet in such a way that they form a square ABCD (Figure 2).

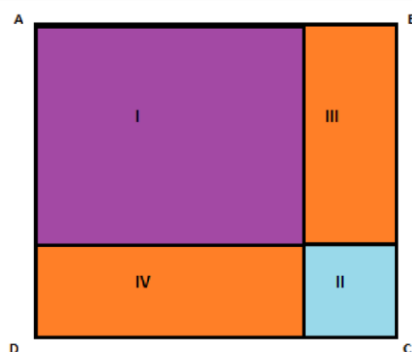


Figure 2

6. Do this process for 2 squares with different dimensions and write your results in the following form.

	$a$	$b$	$a^2 + 2ab + b^2$	$(a+b)^2$
1 <sup>st</sup> Square				
2 <sup>nd</sup> Square				

WRITE YOUR CONCLUSION.

**SCIENCE HOLIDAY HOMEWORK**

(30+10+10=50 marks)

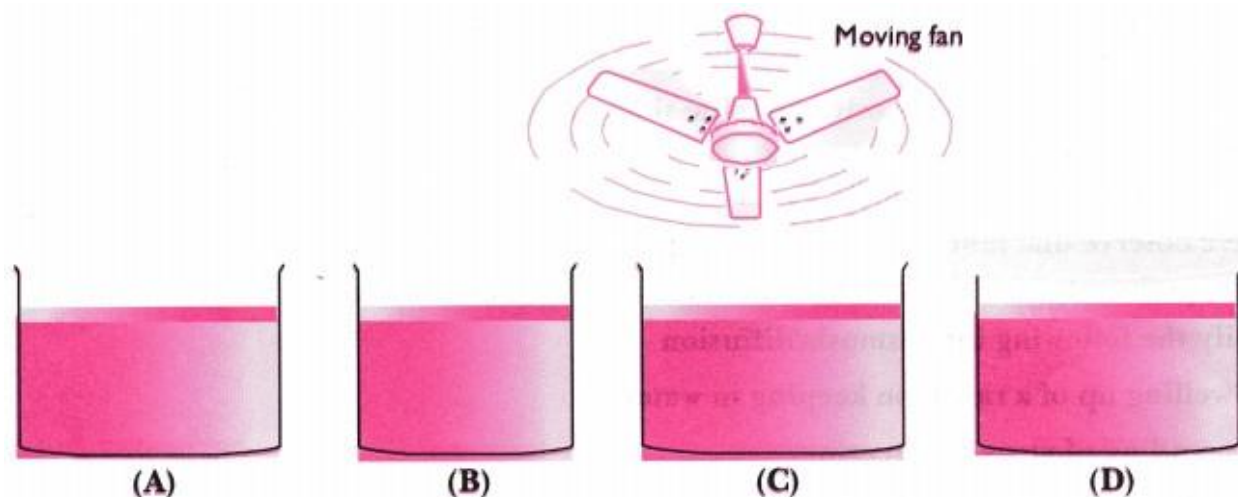
**ASSIGNMENT**

(30 marks)

- Make a separate thin notebook for Worksheet in Holidays home work.
- Answers must be in your own language showing your creativity.
- All questions are compulsory.
- Project work to be done on separate A4 size sheets. (One side ruled, one side plain)
- Activity to be done on A4 size sheets.
- All the work should be done neatly.
- Draw Diagrams wherever necessary.

**CHEMISTRY WORKSHEET****Answer the following questions:**

- Q1. In which of the following, the particles have highest forces of attraction? Water, NaCl (solid), ice or, wax.
- Q2. What happens when an inflated air balloon is pricked with a pin? Name the property of the gaseous state exhibited by this observation.
- Q3. To which physical state of matter do the following statements apply?
- (i) Incompressible, no fixed shape
  - (ii) Compressible, no definite volume
- Q4. Explain interconversion of three states of matter with the help of flow chart. Name the process of each interconversion.
- Q5. Why do solids have a regular geometrical shape whereas liquids don't have it? Q6. Look at the following figures and suggest in which of the glass containers, i.e., A, B, C or D, the rate of evaporation will be the highest? Explain.

**CHEMISTRY PROJECT**

Make a project report on "Acids and Bases found in your Kitchen"

Include the following points with colourful pictures

- Definition.
- Application of Acids and bases in our daily life.

## PHYSICS WORKSHEET

Answer the following questions:

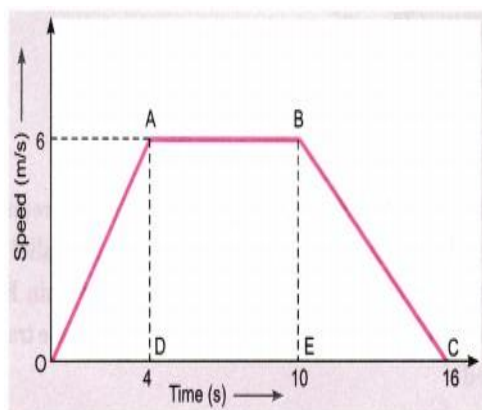
Q1. Under what condition is the magnitude of the average velocity of an object equal to its average speed?

Q2. What can you say about the motion of an object whose displacement-time graph is a straight line parallel to the time axis? Draw the graph also.

Q3. When an object moves along a straight line with uniform acceleration, it is possible to relate them by a set of equations of motion. Write all three equations of motion. (Give name of symbols used).

Q4. Give the S.I units of: i) Distance ii) Displacement iii) Speed iv) Velocity v) Acceleration  
vi) Acceleration due to gravity.

Q5. Study and Redraw the speed-time graph of a body given below — and answer the following questions:-



- What type of motion is represented by OA?
- What type of motion is represented by AB?
- What type of motion is represented by BC?
- Calculate acceleration in 0 to 4 seconds.

## PHYSICS PROJECT



Q In a clock find out how much is the distance and displacement covered by minute hand clock from:

- (i) 2.00pm to 2:30pm (ii) 2.00pm to 3:00 pm

## BIOLOGY WORKSHEET

- Q1. Name different non living parts of a cell.
- Q2. Grass looks green, Papaya appears yellow. Which cell organelle is responsible for this?
- Q3. What are the consequences of the following conditions?
- a) A cell having higher water concentration than the surrounding medium.
- b) A cell having low water concentration than the surrounding medium. Q4. Why do plant cells possess large sized vacuole?
- Q5. Describe the structure of nucleus with the help of a diagram.
- Q6. Draw a diagram of cell showing its three main functional regions.

## BIOLOGY PROJECT

Make a model of plant cell/animal cell using 'The Best Out of Waste' practice.

*Note: Please do not use thermocol.*

**ACTIVITY**

(10 marks)

**ACTIVITY CODE: 1.1.4, 1.1.8**

1. Prepare a handwritten activity using paint, print, pasting pictures or any other creative expression for comparing the 'Temperature difference' with reference to the State of Delhi and Union Territories of Lakshadweep, Andaman & Nicobar Islands according to the given criteria:

- R. No. 1 to 5: Reasons of temperature difference
- R. No. 6 to 10: Change in Flora of both regions
- R. No. 11 to 15: Change in modes of power consumption.
- R. No. 16 to 20: Change in food habits due to change in temperature.
- R. No. 21 to 25: Critical analysis of change in temperature as boon to people living in both regions
- R. No. 26 to 30: Critical analysis of the change in temperature and its effect on people and other living organisms
- R. No. 31 to 35: Change in Air Quality Index
- R. No. 35 to 42: Change in selection of Clothes

2. It is a group activity to be submitted on A4 size sheets having 3-4 pages of information, by every individual student.

**SOCIAL SCIENCE HOLIDAY HOMEWORK**

(M.M= 30 + 10 + 10 =50 marks)

**GENERAL INSTRUCTIONS:**

- Do the Homework neatly.
- Question no. 1 to 10 carry 1 mark each.
- Question no. 11 to 14 carry 3 Marks each.
- Question no. 15 and 16 carry 4 Marks each.
- Activity 10 Marks
- Project 10 Marks
- Material copied from the Google or from any other site will not be evaluated.

**ASSIGNMENT**

(30 marks)

**Answer the following questions:**

- Q1. What did the fall of Bastille signify?
- Q2. On what principles was voting conducted in the Estate General in France?
- Q3. Why were images and symbols used in the 18th century in France?
- Q4. Media is not independent in independent Zimbabwe. How?
- Q5. What is the role of citizens in promoting democracy?
- Q6. What did the French Revolution stand for?
- Q7. Who was the Estate General in France?
- Q8. How can you say China is not a democratic country?
- Q9. Define corals.
- Q10. How did the spread of electricity help farmers in Palampur?
- Q11. Who was Robespierre? Why was his reign referred to as the "Reign of Terror"?
- Q12. How is democracy better than any other form of Government?
- Q13. On an outline map of India show the Vindhya range, Anai Mudi peak and Malwa plateau.
- Q14. How do the medium and large farmers obtain capital for farming? How is it different from the small farmers?
- Q15. Describe the National River Conservation Plan (NRCP).
- Q16. On what terms did Savita get a loan from Tajpal Singh? Would Savita's condition be different if she could get a loan from the bank at a low rate of interest?

**ACTIVITY**

(10 marks)

- Do the given activity on colored ruled A4 sheets. It should not be more than 10-12 sheets.
  - Work should be done neatly.
  - Sheets should be arranged in the following order:  
Sheet no 1 should contain Student's detail ( Name , Admn. No. Class / section, Roll no., name of the activity).
1. Sheet no. 2: Should contain Index.
  2. Sheet no. 3: Map of Andaman and Nicobar Island and Mark its capital in the political map of India.

**TOPIC:**

History of Lakshadweep, Andaman and Nicobar Islands.

**Roll.no. 1 to 5:** Collect the information about the different types of tribes of Andaman and Nicobar & Lakshadweep islands. (Paste pictures, make collage or make pictures using leaves, twigs, straw etc.)

**Roll.no. 6 to 10:** Describe any five tribes of Andaman and Nicobar & Lakshadweep islands on the basis of their place of origin. (Mark the places on the Physical map of Andaman and Nicobar & Lakshadweep islands.)

**Roll.no. 11 to 15:** Give detail of the oldest tribe and the most dangerous tribes of Andaman and Nicobar & Lakshadweep islands. (Paste pictures, make collage, draw or make the figures using waste material).

**Roll no. 16 to 20:** Collect the information of Andaman and Nicobar & Lakshadweep islands culture and traditions.

**Roll.no. 21 to 24:** Discuss the different lifestyle and languages spoken by the people of Andaman and Nicobar & Lakshadweep island. (Collect scripts and paste their pictures or write)

**Roll no. 25 to 30:** Role of the Andaman and Nicobar & Lakshadweep islands in the struggle of India's Independence (Use sources from History, National Heroes or folklore)

**Roll no. 31 to 35:** Give description of Folk dances of Andaman and Nicobar & Lakshadweep island (instrument used, sound, costumes worn and related story to the folk dance).

## **PROJECT**

(10 marks)

Make a project on Cyclone Disaster Management in India.

- What is cyclone disaster management?
- About cyclone
- Types of cyclones
- Cyclones in India
- Preparedness and mitigation measures
- Initiatives
- Conclusion

### **General Guidelines:**

1. The total length of the project report will not be more than 10-12 written pages of A-4 size white sheets.
2. The project report will be handwritten and credit will be awarded to, use of maps, graphs and articles from newspapers and magazines; for original drawings, illustrations and photographs.
3. The project report will be presented in a neatly titled cover page or paper folder (Plastic folder should not be used.)
4. The project report will be developed and presented in this order:
  - Cover page showing project title, student information, school and year.
  - List of contents with page numbers.
  - Acknowledgement
  - Project Overview: Purpose, Aim, Methodology and experiences while doing the project.
  - Summary and conclusions based on findings.
  - References: should have the Title, author, publisher, year of publication and if a website- the name of the website with the specific website link which has been used.

## **FIT HOLIDAY HOMEWORK**

(M.M= 30 + 10 + 10 =50 marks)

### **General Instructions:**

- All the work should be done neatly.
- Holidays Homework is divided into 2 sections:
  - 1) Assignment (30 marks)
  - 2) Activity (10 marks) and Project File. (10 marks)
- Do the assignment in FIT class register.
- Make a separate file/folder for FIT Project work. Your file should be properly labelled.
- Maintain both softcopy as well as hardcopy of the HHW till the end of session.

### **ASSIGNMENT**

(30 marks)

#### **GENERAL INSTRUCTIONS:**

- Question number 1 to 5 carry 2 marks each.
- Question number 6 to 9 carry 3 marks each.
- Question number 10 to 11 carry 4 marks each.

- Q 1. What do you understand by BPO and BPM?
- Q 2. What are Home Row Keys and Toggle Keys?
- Q 3. Mention any two IT-driven health diagnostic devices that you have seen at home.
- Q 4. Mention any 2 advantages of touch typing.
- Q 5. Write down Correct Posture For Typing (Any four points).
- Q 6. Briefly explain the concept of E-Banking.
- Q 7. Explain any three areas where the application of IT and its tools have made a useful impact.
- Q 8. Write down the steps to create a new course in Rapid Typing software.
- Q 9. Define BPO, BPM and Outsourcing.
- Q 10. Discuss the use of Information Technology in the field of Science and Engineering.
- Q 11. Write the structure of IT-BPM Industry.

### **ACTIVITY**

(10 marks)

Prepare a Collage in MS-PowerPoint to depict the “Importance of ITes In Our Daily Life”.

### **PROJECT**

(10 marks)

Create a PowerPoint Presentation to represent the Role Of IT In The Government And Public Services (4-5 slides each) on Lakshadweep and Andaman and Nicobar Islands.

- Use different formatting features available in MS - PowerPoint.
- Also, use colourful pictures/cliparts/images/shapes relevant to the topic.
- Make your project attractive and presentable.

Project to be done according to the given Roll No.s:

- R. No. 1 – 14 Role Of IT In The Government Services in Andaman and Nicobar Islands.
- R. No. 15 – 30 Role Of IT In The Public Services in Andaman and Nicobar Islands.
- R. No. 31 – 42 Role Of IT In The Government Services in Lakshadweep Islands.