			CODE:	
		BURNPUR RIVERSIDE SCHOOL, BURNPUR **ASSIGNMENT – 3** **CLASS IX** **ENGLISH**		
		Answer the following questions :	
	1	Why had Prashant gone to Ersama? What happened there?	
	2	Why did Santosh's parents refuse to pay for her education?	
	3	Why did Maris Sharapova leave Siberia for the USA?	
	4	What remained hidden inside the earth for years?	
	5	What is the snake trying to escape from?	
	6	How did the author get the baby sloth bear?	
	7	What havoc had the super cyclone wrecked in the lives of the people of Orissa?	
	8	Write a brief character sketch of Santosh Yadav.	

	9	" So hack and chop
		But this alone won't do it …."
		    a) From where is the extract taken from?
		    b) Name the poet.
		    c) What is to be hacked and chopped?
		    d) Why is the chopping difficult?	

	10	You are Naresh. You happened to go to Agra on a crowded bus on a hot summer day. Record your experience in 100 -150 words in your diary.	

=====================================

BURNPUR RIVERSIDE SCHOOL, BURNPUR
ASSIGNMENT – 4
CLASS IX
ENGLISH

Answer the following questions :

1	How did Sergie respond to the beggar's request for money?
2	Why does the author break down in tears after the fire?
3	How did 'she' know that the speaker Zan was the one responsible for giving her a good life?
4	How does Bruno the baby bear fed?
5	Who did Sergie hand over the beggar to on reaching home? What were his instructions?
6	What fear did Johnsy have in her mind?
7	Describe the first meeting between Sergie and Lushkoff ? How did Sergie take pity on Lushkoff?
8	Do you think Johnsy was a good friend?

9	" O let him go over the water
	Into the reeds to hide
	Without hurt small and green
	He is harmless even to children."
	    a) Name the poem and the poet.
	    b) Who does 'him' refer to in the poem?
	    c) Where is he going?
	    d) Of what size and colour is he?

10	During the final examinations you prepared for an English test on the day when it was a Mathematics test. You realize your mistake when you were inside the Examination Hall. Narrate your experience in the form of a diary entry in 100 – 150 words and how you overcame the situation.

======================================

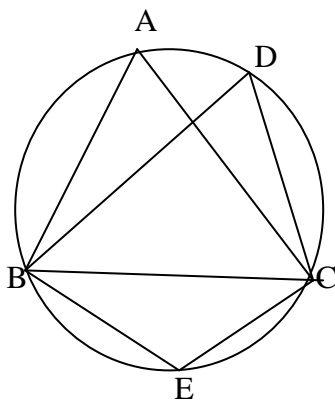ASSIGNMENT-3

Class-IX   Subject – Mathematics

---

1   A coin is tossed 60 times and the tail appears 35 times. What is the probability of getting a head.

2   If f(t) = $4t^2 - 3t + 6$, find f(−5).

3   Find the value of a for which (x−a) is a factor of the polynomial f(x) = $x^5 - a^2 x^3 + 2x + a - 3$.

4   Factorise :- $x^2 - x - 156$.

5   ABCD is a parallelogram in which ∠ A = $(2x + 25)^0$ and ∠B= $(3x - 5)^0$. Find the value of x and the measure of each angle of the parallelogram.

6   In the given fig., ΔABC is an isosceles with AB= AC and ∠ ABC = 50^0 . Find ∠ BDC and ∠ BEC.

7   A tent is in the form of a right circular cylinder, surmounted by a cone. The diameter of the cylinder is 24m. The height of the cylindrical portion is 11m, while the vertex of the cone is 16m above the ground. Find the area of the canvas required for the cone.

8   AB and CD are two parallel chords of a circle which are on opposite sides of the centre such that AB = 10 cm ,CD = 24 cm and

the distance between AB and CD is 17 cm. Find the radius of the circle.

9 A solid iron rectangular block of dimensions (2.2m X 1.2m X 1m) is cast into a hollow cylindrical pipe of internal radius 35cm and thickness 5cm. Find the length of the pipe.

10 The mean of the following data is 21.6. Find the value of p.

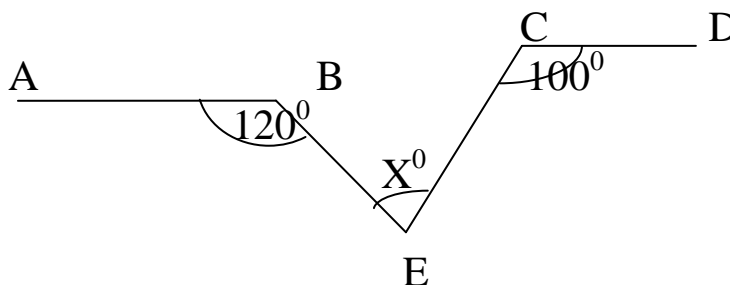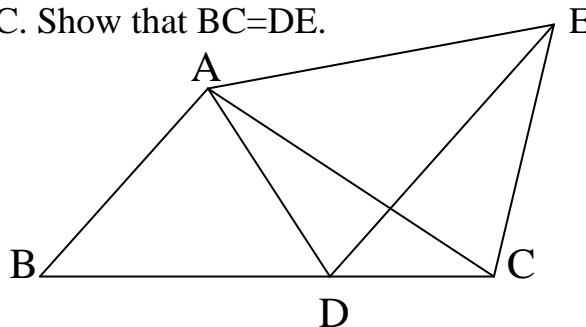| xi	6	12	18	24	30	36
fi	5	4	p	6	4	6

Class-IX   Subject – Mathematics

1   How many zeros does cubic polynomial has?

2   Find the ratio of lateral surface area and total surface area of cube.

3   Find the value of a for which (x−a) is a factor of the polynomial
     f(x) = $x^5 - a^2 x^3 + 2x + a - 3$.

4   In the given fig. AB∥ CD , ∠ABE = 120^0 , ∠ECD = 100^0 and
     ∠BEC= X^0. Find the value of X.

5   Factorise :- $25x^2 + 4y^2 + 9z^2 - 20xy - 12yz + 30xz$.

6   In the given figure, AB=AD in Δ ABD and AC=AE in Δ ACE and
     ∠BAD= ∠EAC. Show that BC=DE.

7   If x= 2+$\sqrt{3}$, find the value of $(x^2 - \frac{1}{x^2})$ and $(x^4 + \frac{1}{x^4})$.

8   Construct a ΔABC in which BC= 5.5 cm, ∠ B = 30^0 and
     (AB− AC) = 3cm. Measure AB and AC.

9   In a ΔABC, the bisectors of ∠B and ∠C intersect each other at a
     point O. Prove that∠ BOC = $90^0 + \frac{1}{2}$ ∠A .

10   There are 840 creatures in a zoo as per list given below :-

Beast of animals	Other land animals	Birds	Water animals	Reptiles
120	345	165	135	75

Represent the above data by a bar chart.

1. A car starts from rest and moves along the x- axis with constant acceleration $5\ ms^{-2}$ for 8 seconds and then continues with constant velocity. What distance will the car cover in 12 seconds since it started from the rest?

2. Explain why is some space left at the top while filling the oil tankers.

3. Draw graphs to show variation of gravitational force with
    a) Mass of either object
    b) Distance between the two objects

4. a) What is the work to be done to increase the velocity of a car from $30\ km\ h^{-1}$ to $60\ km\ h^{-1}$? Mass of the car is 1500 kg.

    b) A 10 kg ball is dropped from a height of 10 m. Find
    i) The initial potential energy of the ball
    ii) The kinetic energy just before it reaches the ground
    iii) The speed just before it reaches the ground.

5. Explain the structure and function of plasma membrane.
6. a) Draw the structure of a neuron.

    b) Explain a neuron's different parts.
7. a) What is crop rotation?

    b) Mention the advantages of Inter-cropping.
8. In case of any infection, our body temperature rises or we suffer from fever. Why?

9   Define:
    a) Latent Heat of Vaporization

    b) Latent Heat of Fusion
10. Can physical and chemical change occur together? Explain.

11. Fill in the blanks:
    a) _____ g of $H_2SO_4 = 0.01$ mole of H_2SO_4.
    b) _____ g of $C_6H_{12}O_6 = 1.44*10^{23}$ atoms of $C_6H_{12}O_6$

12   An ion with mass number 35 possesses one unit negative charge. If the ion contains 11.1% more neutrons than electrons, find the atomic number of the ion.

BURNPUR RIVERSIDE SCHOOL, BURNPUR

ASSIGNMENT – IV

CLASS – IX

SUBJECT: SCIENCE

Prepare a brief write up of 100 words on any one concept from the chapter:

"NATURAL RESOURCES"

BURNPUR RIVERSIDE SCHOOL,BURNPUR
ASSIGNMENT 3
SUB: SOCIAL SCIENCE
(HISTORY & POL. SCIENCE)
CLASS IX

1. Discuss the role and importance of Karl Marx and Lenin in Russian Revolution.
2. "The Treaty of Versailles was humiliating on the Germans" – Give examples in support of your statement.
3. What was the Nazi ideology regarding the Jews?
4. Why was the reign of Robespierre termed as "reign of terror" despite various reforms introduced by him?
5. Describe the division of French society before French revolution.
6. Describe the arguments against democracy.
7. Explain the importance of institutional design of the Constitution of India.
8. Describe the challenges to free and fair elections in India.
9. Explain the three categories of Council of Ministers.
10. Describe the powers and functions of the Indian Parliament.

****

ECONOMICS

1. a. Name the four requirements for the production of goods and services?
    b. Who are the farm labourers?
2. Define human capital and human capital formation. Name any two sources of human capital formation.
3. Discuss any two strategies that the government has undertaken to reduce unemployment.
4. Mention three measures to reduce poverty in India.
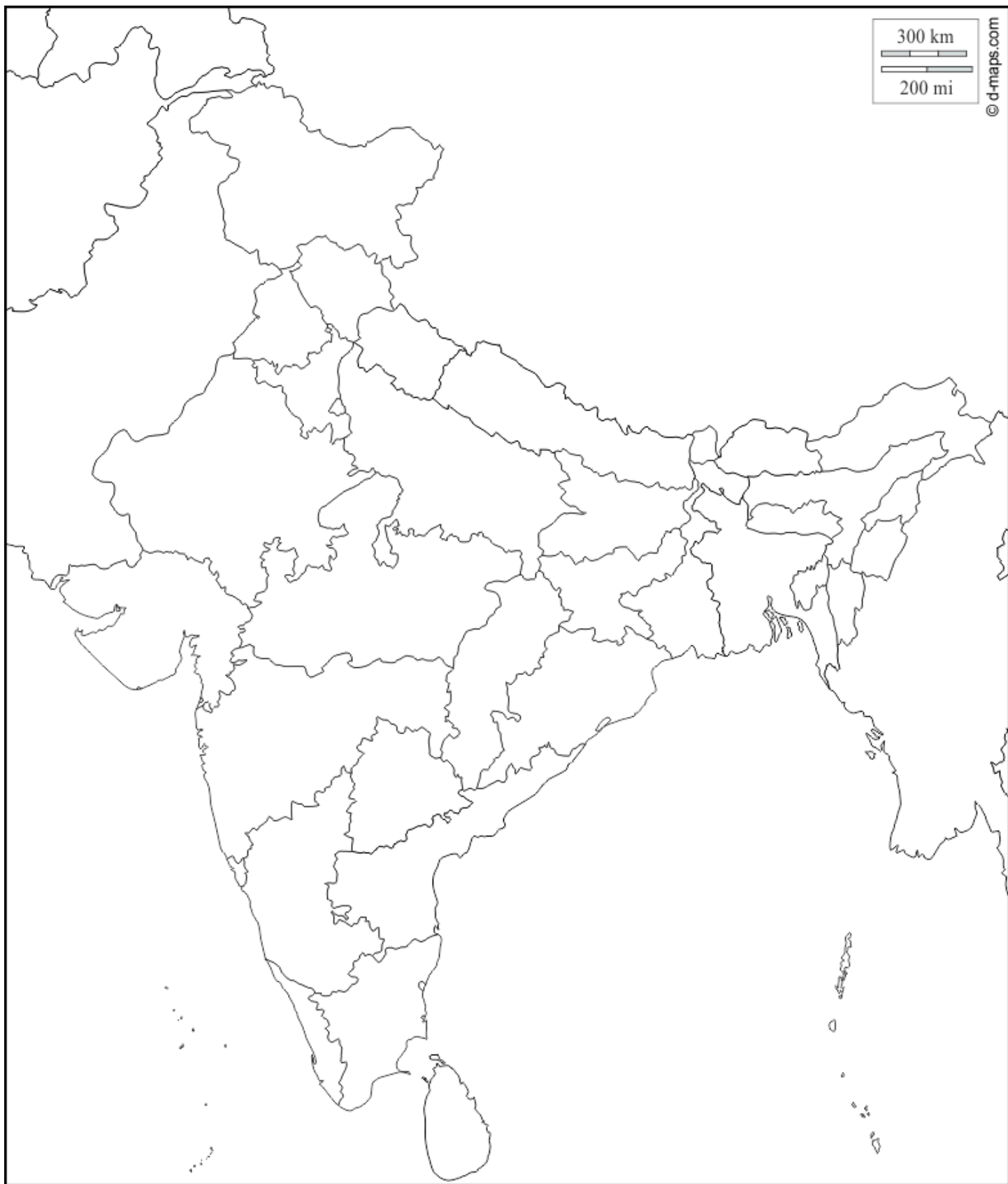5. What are the main features of National Rural Employment Guarantee Act, 2005?

GEOGRAPHY

6. Name the medicinal plants and write their uses?
7. "The climate of India is strongly influenced by monsoon"- Justify .
8. Write the division of India on the basis of regions from west to east and explain them.
9. "A detailed account of the different physiographic units highlights the unique features of each region…each region complements the other and makes the country richer in its natural resources." Write the significance.
10. Why are parts of Rajasthan, Gujarat and leeward side of the Western Ghats drought prone?

1.

WORLD

1.'अपयश ' अथवा 'प्रतिदिन' शब्द में प्रयुक्त उपसर्ग व मूल शब्द लिखिए ।

2.निम्नलिखित समस्त पदों का विग्रह कर समास का भेद लिखिए -
मोह-माया ,रातों-रात ।

3. अर्थ के आधार पर वाक्य के भेद बताइए -'आपकी यात्रा मंगलमय हो ।'

4. इन काव्य-पंक्ति के अलंकार बताइए -'काली घटा का घमंड घटा ।'

5.माटीवाली के बुड्ढे को अब रोटियों की आवश्यकता क्यों नहीं रह गई थी?

6.बच्चों का काम पर जाना धरती के एक बड़े हादसे के सामान क्यों है?

7.प्रेमचंद्र के जूते को देखकर लेखक परसाई क्यों रो पड़ना चाहता है ?

8.'जीवन में ज्ञान का महत्त्व' विषय पर 150 शब्दों में एक अनुच्छेद लिखिए ।

9.अपने क्षेत्र में बिजली कटौती से होने वाली समस्याओं का वर्णन करते हुए किसी राष्ट्रीय समाचार-पत्र के संपादक को पत्र लिखिए ।

10.दो महिलाओंके बीच दूरदर्शन के कार्यक्रम संबंधी बातचीत को संवाद रूप में लिखिए ।

1.निर्देशानुसार उत्तर दीजिए -

‘आई’ अथवा ‘आलू’ प्रत्यय से दो-दो शब्द बनाइए ।

2.निम्नलिखित समस्तपदों का विग्रह कर समास का भेद लिखिए -

दशानन ,ग्रामगत ।

3. अर्थ के आधार पर वाक्य केभेद बताइए – ‘ रात के समय तुम्हें घर से बाहर नहीं निकालना चाहिए ।‘

4 इन काव्य-पंक्तियों के अलंकार बताइए -‘कालिंदी कूल कदंब की डारन ।‘

5.’रीढ़ की हड्डी’ शीर्षक की सार्थकता स्पष्ट कीजिए ।

6.सुविधा और मनोरंजन के उपकरणों से बच्चे वंचित क्यों हैं ?

7.लेखक परसाई की नजर प्रेमचंद्र के जूतों पर क्यों अटक गई ?

8.’अनुशासन का महत्त्व’ विषय पर150 शब्दों में एक अनुच्छेद लिखिए ।

9.अपने क्षेत्र में वर्डफ्लू से होने वाली समस्याओं का वर्णन करते हुए किसी राष्ट्रीय समाचार-पत्र के संपादक को पत्र लिखिए ।

10.दो लोगों बीच देश की राजनीति संबंधी बातचीत को संवाद रूप में लिखिए ।

BURNPUR RIVERSIDE SCHOOL,BURNPUR
SESSION :   2020-2021
SUBJECT-BENGALI
ASSIGNMENT -3
SET A
CLASS-IX

১। সন্ধিযুক্ত কর।

   ক। হিম+আলয়=

   খ। মহা+ইন্দ্র=

২। সন্ধি বিচ্ছেদ কর।

   ক। মহেশ্বর=

   খ। গণেশ=

৩। বাক্য পরিবর্তন কর।

   ক। বিহারী স্থির থাকিতে পারিলেন না। (অস্ত্যর্থক বাক্য)

   খ। অতএব অবিলম্বে ছুটি নিয়ে এখানে আসবে। (নঞর্থক বাক্য)

৪। অতি সংক্ষেপে উত্তর লেখ।

বিশ্বম্ভর বাবুর ফটিককে কলকাতায় নিয়ে আসার প্রকৃত উদ্দেশ্য কি ছিল?

৫। সংক্ষেপে উত্তর লেখ।

''তুমি ঠিক সেইরূপ নারী যাকে আজ প্রয়োজন''-'সেই রূপ'বলতে কোন রূপ বোঝানো হয়েছে?

৬। সপ্রসঙ্গ ব্যাখ্যা কর।

''নূতন নূতন কত গড়ে ইতিহাস ''

৭। অতি সংক্ষেপে উত্তর লেখ।

''বাঁচতে হবে বাঁচার মত''বলতে কবি কি বুঝিয়েছেন?

৮। সংক্ষেপে উত্তর লেখ।

'' সভায় জাঁকিয়ে বক্তৃতা করা গেল''-কে বক্তৃতা করেছিল? তাঁর বিষয় কি ছিল ?

৯। অতি সংক্ষেপে উত্তর লেখ।

''তুমি নিঃশ্বাস নিতে পারছ না''-কেন এরকম হচ্ছে?

১০। সংক্ষেপে উত্তর লেখ।

কারা গুরুমহাশয়ের পাঠশালায় আসতেন এবং কী গল্প করতেন ?

BURNPUR RIVERSIDE SCHOOL,BURNPUR
SESSION :   2020-2021
SUBJECT-BENGALI
ASSIGNMENT-4
SET B
CLASS-IX

১। সন্ধিযুক্ত কর।

   ক। মহী+ইন্দ্র=

   খ। পর+উপকার=

২। সন্ধি বিচ্ছেদ কর।

   ক। দেবর্ষি=

   খ। আদ্যন্ত=

৩। অশুদ্ধি সংশোধন কর।

   ক। তুমি আগের রাস্তা ধরে বেশ খানিকটা হাটতে হবে।

   খ। অজাগর , বন্দপাধ্যায় , আষাড় , রচণা

৪। অতি সংক্ষেপে উত্তর লেখ।

   ''চট করিয়া একটা নূতন ভাবোদয় হইল''-কার মাথায় কোন ভাবের উদয় হল?

৫। সংক্ষেপে উত্তর লেখ।

   ''আমাকে আমরণ তোমার পাশেই পাবে''-কে কাকে আমরণ পাশে পাবে?

৬। সপ্রসঙ্গ ব্যাখ্যা কর।

   ''উঠে কত হলাহল,উঠে কত সুধা''

৭। অতি সংক্ষেপে উত্তর লেখ।

   ''এখন আমার অন্য খেলা''-বক্তার বক্তব্য কী ?

৮।   অতি সংক্ষেপে উত্তর লেখ।

   ''তুমি মানুষের হাত ধরো,সে কিছু বলতে চায়''-বলতে কবি কি বুঝিয়েছেন?

৯। বিজ্ঞপ্তি রচনা কর।

   তোমাদের স্কুলে কিন্ডার গার্ডেনে ভর্তি শুরু হবে।সেই সম্পর্কে বিজ্ঞপ্তি রচনা কর।

১০। প্রতিবেদন রচনা কর।

   চাকরির নামে প্রতারণা

NAME OF THE CHAPTER -1.जटायोः शौर्यम् 2.संधि ,प्रत्यय:

LASS-IX,SUBJECT-L2 संस्कृत ,WORKSHEETNO.3   FM-10

सर्वेषाम् प्रश्नानाम् उत्तराणि संस्कृतेन लिखत -

1.धीर: किम् न समाचरेत्?

2.कीदृश: रावण: वैदेहीम् आदाय न गमिष्यति ?

3.महाबल: पतगसत्तम: जटायु: कथं किं च चकार: ?

4.महातेजा जटायु: कीदृशम् महद्धनु: स्वचरणाभ्याम् बभञ्ज ?

5.कीदृश: रावण: तलेन आशु जटायुम् अभिजघान् ?

6.**विद्याभ्यासम्** इति पदस्य संधिविच्छेदम् कुरुत ?

7.**मुनीश:** इति पदस्य संधिविच्छेदम् कुरुत ?

8.**मतैक्यम्** इति पदस्य संधिविच्छेदम् कुरुत ?

9.**श्रुत्वा** इति पदस्य प्रकृति प्रत्ययम् कुरुत ।

10. **नन्तुम् इति** पदस्य प्रकृति प्रत्ययम् कुरुत ।

ASSIGNMENT

NAME OF THE CHAPTER -1.सिकतासेतुः 2.संधि ,प्रत्यय:,उपपदविभक्ति:

CLASS-IX,SUBJECT-L2 संस्कृत ,WORKSHEETNO.4FM-10

सर्वेषाम् प्रश्नानाम् उत्तराणि संस्कृतेन लिखत -

1.तपोदत्तस्य बुद्धि: कीदृशी आसीत् ?

2.कीदृश: नरः न शोभते ?

3.सः मूढ: किं कर्तुम् प्रयतते ?

4.पुरुष: कस्मिन् न विश्वसिति ?

5.तपोमात्रेण विद्याम् प्राप्तुम् तपोदतस्य प्रयास: कीदृश: आसीत्?6.**दिग्गज:** इति पदस्य संधिविच्छेदम् कुरुत ?

7.**दिगम्बर:** इति पदस्य संधिविच्छेदम् कुरुत ?

8.**स्नात्वा** इति पदस्य प्रकृति प्रत्ययम् कुरुत ।

9.**प्रणम्य** इति पदस्य प्रकृति प्रत्ययम् कुरुत ।

10.**सः** पठनकाले ------------ बहि: गच्छति ।(कक्षा)

BURNPUR RIVERSIDE SCHOOL, BURNPUR

ASSIGNMENT- 3

CLASS IX

INFORMATION TECHNOLOGY

1. Define Communication. Name the five ways through which communication takes place.

2. Give any two advantages of Non-Verbal Communication.

3. How many proximity zones are there? Name the proximity zones of each person.

4. Define Self grooming.

5. Name the components of CPU.

6. The _____command shows the working directory.

7. Differentiate between character formatting and paragraph formatting.

8. Differentiate between small medium enterprise and Innovation Driven Enterprise.

9. Define absolute referencing with an example.

10. Give four advantages of using charts and graphs.

BURNPUR RIVERSIDE SCHOOL, BURNPUR

ASSIGNMENT- 4

CLASS IX

INFORMATION TECHNOLOGY

1. Differentiate between Embedded Chart and Chart Sheet.

2. Name the five workspace views in Impress.

3. Define outlines and handouts.

4. List the various components of the Impress Window.

5. What do you understand by the term IT and ITes?

6. Differentiate between worksheet and workbook.

7. What is the use of autocorrect feature?

8. Define Page Orientation. Name the two types of it.

9. What is Word Wrap?

10. Name the three types of indents.