



ST. ANGEL'S SCHOOL
WINTER HOLIDAYS
HOMework(2018-19)
CLASS IX

ENGLISH

SECTION-B)

(Writing & Grammar)

1. Trees are being cut daily. Forests are being destroyed to provide space for houses, industries and roads. All this is greatly harming the environment. In an article for your school magazine, describe in 100-120 words, the harms caused by deforestation and the steps to be taken to check it.
2. You are Sahil/Sunita, observe the people around you. They are of different hues and temperaments. Record your impressions about those persons in the form of a diary entry in about 120 words.
3. Based on the following outlines, develop a short story in 150-200 words :
Vaibhav goes for camping _____ gets up early one morning _____ decides to go for a walk in the jungle _____ meets a group of aliens _____ befriends them _____ aliens invite him to visit planet _____ accompanies them _____ stays for two days _____ has wonderful time _____ returns two inches tall _____ parents and friends surprised _____ narrates experience.
4. Choose the most appropriate options from the ones given below to complete the following paragraph
A forty year old man (a) _____ and six others (b) _____ when the van in which they (c) _____ overturned after colliding with a truck last evening.
(a) (i) killed (ii) was killed (iii) was killing (iv) killing
(b) (i) were injured (ii) injured (iii) had been injured (iv) injury
(c) (i) travel (ii) travelled (iii) were travelling (iv) travel
5. 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 against the correct blank number

	Error	Correction
Teachers tend to respect hard work or high	(a) _____	_____
quality work. Did your best to keep your	(b) _____	_____
grades up.		
Show them that you had put in a	(c) _____	_____
lot of time or effort.	(d) _____	_____
6. Read the conversation given below and complete the paragraph that follows. Write the answers against the correct blank numbers in your answer sheet. Do not copy the whole sentences.
Ramu : What do you want to do ?
Sham : I want to go dancing.
Ramu : I don't know how to dance.
Sham : Don't worry. It's easy.
Ramu asked Sham (a) _____. Sham told him (b) _____. Ramu told him (c) _____. Sham told him not to worry as it was easy.

(SECTION-C)

1. (i) Why was it difficult for Prashant to travel back to his village?
(ii) "His heart went cold" when he reached his village. Why?
2. Describe the destruction caused by the super cyclone as narrated in the story *Weathering the Storm in Ersama'.
3. Sue is a true and faithful friend. Comment.

Or

What values of friendship are prominent in Sue's character?

4. Do you think the feeling of depression Johnny has is common among teenagers?
5. Suppose you are the woman who rescued Zan's cat. Write a diary entry in about 150 words describing how you found the cat, what efforts you had to make to trace its home, and how happy you felt after handing over the cat to its rightful owner.
6. Laughing at one's own follies helps reduce the gravity of situations that might otherwise cause serious trouble. Discuss in light of the story "The Accidental Tourist".

SUBJECT TEACHER : _____

HOD: _____

हिंदी

- 1 अष्ट तक करवाए गए अंपूर्ण पाठ्यक्रम (साहित्य + व्याकरण) का अलग उत्तर पुस्तिका में अभ्यास करें।
- 2 पाठ्य पुस्तक की कविता 'अग्निपथ' का प्रतिपाद्य लिखिए।
- 3 'एक फूल की चाह' कविता में निहित सामाजिक समस्या पर ध्यान देते हुए बताइए कि शालिका की इच्छा का क्या परिणाम हुआ ? आज की परिस्थितियों में इस समस्या के समाधान के लिए अपने विचार व्यक्त कीजिए।
- 4 'जीवन संघर्षमय है, इसके घषराकर धमना नहीं चाहिए' इस विषय से संबंधित कविताओं का संकलन कीजिए। (कोई दो कविताएँ)
- 5 प्राकृतिक सौंदर्य पर अरचित कविता लिखिए।
- 6 पाठ 'दीये जल उठे' में लोगों में देशप्रेम, त्याग, समर्पण की भावना नज़र आती है। क्या अष्ट भी लोगों में ये भावना है ? तर्कपूर्ण उत्तर दीजिए।
- 7 पत्र - पत्रिकाओं को पढ़ने का चलन कम क्यों होता जा रहा है ? घरों में हिंदी की पत्रिकाएँ कम आने का क्या कारण हो सकता है? विस्तारपूर्वक लिखिए।

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MATHS

CH-13(SURFACE AREAS AND VOLUMES)

- Q1. The radius and height of a circular cone are in the ratio 5:12. If its volume is 314cm^3 , find the slant height. (Take $\pi = 3.14$)
- Q2. The surface area of a sphere is 5544cm^2 , find its volume.
- Q3. Find the side of a cube whose surface area is 432m^2 .
- Q4. The volume of a vessel in the form of right circular cylinder is $448\pi\text{cm}^3$ and its height is 7cm. Find the radius of its base and the total surface area.
- Q5. The surface area of a cuboid is 758cm^2 . Its length and breadth are 14cm and 11cm respectively. Find its height.
- Q6. Find the length of the longest rod that can be placed in a room $12\text{m} \times 9\text{m} \times 8\text{m}$
- Q7. A cylindrical roller 2.5m in length, 1.75m in radius when rolled on a road was found to cover the area of 5500m^2 . How many revolutions did it make?
- Q8. A cuboid has TSA of 40m^2 and its LSA is 26m^2 . Find the area of its base.
- Q9. A cone of height 24cm has a CSA 550cm^2 . Find its volume.
- Q10. A solid sphere of radius 3cm is melted and then cast into small spherical balls each of diameter 0.6cm. Find the number of balls thus obtained.

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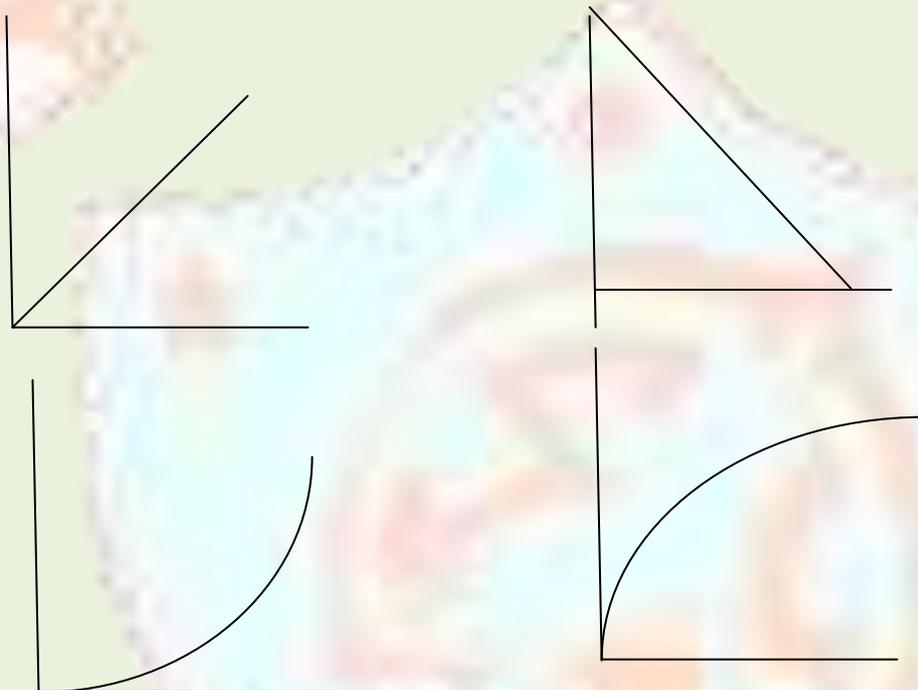
SCIENCE

PHYSICS

Do **HHW** in your Physics class work copy.

Chapter-work and energy

- Q1. A man with a box on his head is climbing up a ladder. Is work done by the man on the box positive or negative ?
- Q2. Can a body have momentum without possessing energy?
- Q3. Give an expression to show relation of power with work and time.
- Q4. Is it possible that a force is acting on a body but still the workdone is zero?
- Q5. A body of mass m is allowed to fall from the top of a tower of height h above the ground . Which of the following figures best represents the variation of potential energy with h ?



- Q6. Which has greater effect on kinetic energy of an object- doubling the mass or doubling the velocity?
- Q7. A girl sits and stands repeatedly for 5 minutes. Draw a graph to show variation of potential energy of her body with time.
- Q8. A mass of 10 kg is dropped from a height of 50 cm. Find its (a) kinetic energy and (b) velocity just as it reaches the ground. Does the velocity depend on the mass of the particle ? Explain.

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HOD: _____

CHEMISTRY

- Q1 A rubber band changes its shape on stretching , then why do we call it a solid ?
- Q2 Why does a gas exert pressure?
- Q3 Name the process by which a drop of ink spreads in a beaker of water.
- Q4 Draw the “states of matter triangle” to show the interconversion of states of

matter.

- Q5 States the various factors which affect evaporation.
- Q6 why is cotton plug used during sublimation?
- Q7 What is chromatography? State its two applications.
- Q8 What are saturated and unsaturated solutions?
- Q9 Define one mole.
- Q10 Write down the steps involved in deriving the chemical formula of various compounds.
- Q11 What rules to be followed while writing a chemical formula?
- Q12 What are polyatomic ions? Give two examples.

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BIOLOGY

DO HHW IN YOUR BIOLOGY CLASSWORK COPY.

Chapter -7 Diversity in Living Organisms

Q1. What is the peculiarity of bilateral symmetry?

Q2. A Weed is growing on the border of your playing ground. How will you recognize it to be dicot or monocot ?

Q3. Give reason why mosses are found in humid and moist areas?

Q4. In what way, amphibians are advanced than the fishes?

Q5. Thallophyta, Bryophyta and Pteridophyta are called cryptogams. Gymnosperms and angiosperms are called Phanerogams. Discuss why? Draw one example of gymnosperm.

Q6. Why are whale not grouped in fishes?

Chapter 13- Why do we fall ill

Q1. What is correct ? Give reasons.

- a) A person strolling in the lawn of his house is relaxing or doing exercise.
- b) Wearing socks and full sleeves at night will prevent the attack from dengue.
- c) Regular use of QRS cures diarrhea.

Q2. Name a disease in which

- a) Antibiotic has no role.
- b) Kissing does not spread the diseases while sexual contact transfer the same.
- c) Mass scale immunization is going on

Q3. Anish has the habit of throwing the household garbage in the drain outside her home. Her friend Smitha takes the domestic garbage to public garbage bin outside her street.

- i) Which act of garbage disposal, Anish's or Smitha's is correct?
- ii) What problems would the wrong habit create for the society?
- iii) How can the wrong habit be corrected?

Q4. Discuss briefly the principle of immunization.

Q5. Why is making anti-viral drugs more difficult than making anti-bacterial drugs?

Chapter 14- Natural Resources

Q1.a) List two main sources of emission of carbon dioxide.

b) How carbon monoxide is harmful?

Q2.a) Name two acids that are usually present in rain water.

b) How these acids affect our heritage monuments such as Taj Mahal?

Q3. Write a note on how forests influence the air , soil and water resource.

Q4. Fertile soil has lots of humus .Why?

Q5. Why step farming is common in hills?

Q6. Why are root nodules useful for the plants?

Q7. How do fossil fuels cause air pollution?

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SOCIAL SCIENCE

HISTORY

Q1. Outline the map of France:-

1. Bordeaux

2. Nantes
3. Paris
4. Marseilles

Q2. Outline map of world:-

- Major countries of first world war
Central powers: - Germany, Austria-hungry, turkey
Allied powers: - France, England, America

Q3. Outline map of world:-

- Axis power:- Germany, Italy, Japan
- Allied powers:- U.K, France, Former USSR, USA
- Territories under German expansion (Nazi power) – Austria, Poland, Czechoslovakia, Denmark, Lithuania, France, Belgium.

DEMOCRATIC POLITICS

Q1. Why common people in India attach a lot of importance in election? Comment.

Q2. What is coalition govt? Why the prime minister of a coalism govt cannot take decision as likes?

Q3. Why should minister have the final say in technical matters?

Q4. Which three evils are tacked by right against exploitation?

ECONOMICS

Q1. Explain the factors for production of goods and services.

Q2. Define the following:-

- Physical capital
- Fixed capital
- Working capital

- Human capital

Q3. What do you know about 'sarva shiksha abhiyan'?

Q4. Explain in detail the various anti poverty programmes initiated by the government.

Q5. What is Public Distribution System? Draw a table describing some important features of PDS. Critically examine the PDS scheme in India.

GEOGRAPHY

Q.1 On the outline map of India locate and label the following.

- Areas of Evergreen Forests
- Areas of Mangrove Forests.
- Areas of Montane Forests.
- Two national parks each in Northern, Southern, Eastern and Western parts of the Country.

Q.2 Find out the details about the Wildlife Protection Act 1972 and explain it in approx 100 words.

Q.3 Give a detailed account of age composition of India in the form of a pie diagram.

Q.4 On the political map of India locate and label the states having highest and lowest population density.

Q.5 Briefly describe the seasons of India.

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