

PM SHRI KENDRIYA VIDYALAYA SEONI

Winter break homework

Class- VIII(science)

Solve ncert questions on some natural phenomenon

Complete your learners diary

Make a project file on natural calamities.

PM SHRI KENDIYA VIDYALAYA SEONI

CLASS 8

COMPUTER

WINTER BREAK HOLIDAY HOMEWORK

Question 1	Which one of the following options is not a logical operator?
Option 1	OR
Option 2	WHAT
Option 3	AND
Option 4	NOT

Question 2	Which type of loop can be used to iterate over a sequence?
Option 1	While loop
Option 2	For loop

3. What are the different types of relational operators?

4.. Create a program in Makecode arcade which assigns a number to a variable. Then display its square.write the code in your notebook.

5. Create a program in Makecode arcade which takes height of 2 friends Anil whose height is 160 cm and shyam whose height is 152 cm and displays the tallest between them. Write the code in your notebook.

● Holiday Homework

CLASS-VIII

SUBJECT- ENGLISH

SECTION –

A READING

Q.1. READ THE GIVEN PASSAGE AND ANSWER THE QUESTIONS THAT FOLLOW:

My next pet was a pigeon, the most revolting bird to look at, with his feathers pushing through the wrinkled scarlet skin, mixed with the horrible yellow down that covers baby pigeons and makes them look as though they have been

peroxidizing their hair. Because of his repulsive and obese appearance, we called him Quasimodo. Since he had an unorthodox upbringing, without parents to teach him, Quasimodo became convinced that he was not a bird at all, and refused to fly. He walked everywhere. He was always eager to join us in anything we did.

He would even try to come for walks with us. So you had to either carry him on your shoulder, which was risking an accident to your clothes, or else you let him walk behind. If you let him walk, then you had to slow down your own pace to suit his, for should you get too far ahead you would hear the most frantic and imploring coos and turn around to

find Quasimodo running desperately after you.

Q.1. The narrator describes the pigeon as a 'revolting bird' because

- (a) he could not fly
- (b) he had to be carried everywhere
- (c) he had wrinkled skin covered with yellow feathers
- (d) he was fat

Q.2. Quasimodo got his name because

- (a) he was a fat and ugly
- (b) he was attractive
- (c) he could not fly,
- (d) he love behaving like human beings

Q.3. We know that Quasimodo was always eager to go on walks because

- (a) he walked everywhere
- (b) he did not know how to fly

(c) he complained loudly if he was not taken along

(d) he always copied whatever humans did

Q.4. Quasimodo protested when he was

(a) left at home

(b) lifted on human shoulders

(c) taken for a walk

(d) left behind during walks

Q.5. The phrase 'risking an accident to your clothes' means

(a) the bird pecked at their clothes

(b) there was a chance of the bird soiling their clothes

(c) the bird risked a fall

(d) the bird did not like their clothes

SECTION – B WRITING AND GRAMMARq

Q.2. STORY WRITING-----

a) Aruna started to write a story for her school magazine, but could not finish it due to some reason. Continue the story on the basis of the beginning given below in 100 - 120 words and also give its title.

Once there was a hardworking farmer in a village. He had four young sons. All four of them were very lazy. They slept the entire day and fought with each other.....

b) Complete the story by using given hints in not more than 120 words...

Two men ...one cheerful... no worries... believed all would be well.

the other full of worries... worried about old age ... not able to work... no money.. may have to beg... might go blind... wants to know what blindness would be like ... walks with eyes shut ... does not see purse full of gold ... companion spots it ... picks up... thanks God.

Q.3. WRITE A NOTICE ABOUT AN INTER HOUSE SPELL BEE COMPETITION FOR YOUR SCHOOL NOTICE BOARD. YOU ARE SONAL SHARMA, CCA INCHARGE OF YOUR SCHOOL.

(5 Marks)

Q.4. SAY WHETHER THE FOLLOWING SENTENCES ARE IN THE ACTIVE OR THE PASSIVE VOICE. WRITE A OR P AFTER EACH SENTENCE AS SHOWN IN THE EXAMPLE:

EXAMPLE: SOMEONE STOLE MY CYCLE. A

1.A LETTER WAS WRITTEN BY ME.

.....

2. I CLEANED MY ROOM.

3.FOOD IS COOKED BY MY MOTHER.

.....

4.HINDI IS TAUGHT TO US BY MS.

SONAL SHARMA.

5.THEY HAVE WON THE MATCH.

Q.5. Write and learn all the Tenses with its example.

SECTION – C LITERATURE

Q.6 Study and learn all the chapters

Honeydew –‘Bepin Choudhary’s lapse of memory’ to ‘A visit to Cambridge’

It so happened – ‘The Selfish Giant’ to ‘Jalebis’

शीतकालीन अवकाश गृहकार्य
कक्षा - अष्टम (अ + व)
विषय - संस्कृत शा

Page No.	MIHAJ
Date:	PREMIUM

प्रश्न 1: सप्त अणिव्ययः, नीति नवनीलम् सावित्री वाई
फुले पाठस्य सर्वाणि अङ्गानि अङ्गानि
कृत्वा लिखन्तु ।

प्रश्न 2: नीतिनवनीलम् पाठस्य श्लोकं लिखित्वा अङ्गानि लिखन्तु ।

प्रश्न 3: नीति नवनीलम् पाठस्य त्रयः (तीन) श्लोकान् दृष्ट्वा
(भाद करके) लिखन्तु ।

प्रश्न 4: पठ्, वद्, भल्, हल् धातु रूपाणि लृट्, लृङ्, लोटकारं लिखन्तु ।

प्रश्न 5: अहम्, युष्मद्, मात्, राजन् शब्द रूपाणि लिखन्तु

विषय शिक्षक

दिनांक
20.12.24

PM SHRI KENDRIYA VIDYALAYA SEONI

Winter break Homework (sst)

CLASS 8

- 1) Make a list of fundamental rights and explain them.
- 2) Make a list of cities where High court of India are situated and locate on the outline political map of India.
- 3) Write the short note on any five women reformers of India after independence and paste their picture also.

Note: Complete this work on your project notebook .

WORKSHEET 1

1. The fusion of ovum and sperm is called _____.
2. The zygote divides repeatedly to form a/an _____.
3. Animals which lay eggs are called _____ animals.
4. *Amoeba* reproduces by the process of _____.
5. Which hormone is responsible for secondary sexual characters in females?
 - a. Testosterone
 - b. Oestrogen
 - c. Thyroxine
 - d. Oxytocin
6. A tadpole develops into an adult frog by the process of
 - a. fertilization
 - b. metamorphosis
 - c. embedding
 - d. fission
7. Indicate whether the following statements are True (T) or False (F)
 - a. Amoeba reproduces by budding
 - b. Fertilization is necessary even in asexual reproduction
 - c. Binary fission is a method of asexual reproduction
 - d. A zygote is formed as a result of fertilization
 - e. An embryo is made up of a single cell
8. Define asexual reproduction. Describe two methods of asexual reproduction in animals.
9. Give two differences between a zygote and a foetus.
10. Describe the process of fertilization in human beings.

WORKSHEET 2 SOUND

SECTION 1 – OBJECTIVE

1. The unit of that quantity on which pitch of the sound depends is:

- (A) Hertz
- (B) meter
- (C) meter/second
- (D) second

2. The unit of that quantity on which loudness of sound depends is:

- (A) Hertz
- (B) meter
- (C) meter/second
- (D) second

3. Sound travels

- (A) Faster in solids than gases
- (B) Faster in gases than liquids
- (C) Faster in vacuum, than anything else
- (D) Faster in liquids than solids

4. Sound is produced by

- (A) A body at rest
- (B) a body moving with a uniform velocity
- (C) a body moving with constant acceleration
- (D) a vibrating body

5. In the sound waves _____ are formed

- (A) Crests and troughs

- (B) nodes and antinodes
- (C) Compression and rarefactions
- (D) none of the above

6. In a sound wave, the direction of propagation is:

- (A) In the direction of the vibrations of the vibrating body
- (B) Opposite to the direction of vibrations of vibrating body
- (C) Perpendicular to the direction of vibration of the vibrating body
- (D) At an angle of 60° to the direction of vibrating of the vibrating body

7. With the rise of temperature, the velocity of sound

- (A) Decreases
- (B) Increases
- (C) Remains the same
- (D) Is independent of temperature

8. Human ear can hear

- (A) Audible sound
- (B) Infra sound
- (C) Ultra sound
- (D) All of the above

9. Sound of frequency below 20 Hz is called :

- (A) Infrasonic
- (B) ultrasonic
- (C) Supersonic
- (D) none of the above

10. The property which is common to both light waves and sound waves is that:

- (A) Both are electromagnetic waves

(B) Both are reflected by surfaces

(C) Direction of propagation is perpendicular to the direction of vibration of the particles of the medium

(D) Both need a material medium to travel from one place to another

11. The speed of wave is 340 ms^{-1} . What is the wavelength of the wave if its frequency is 500Hz

(A) 0.68m

(B) 6.8m

(C) 68m

(D) 0.68cm

12. Middle ear consists of bones.

(A) 1

(B) 2

(C) 3

(D) 4

SECTION 2 – SUBJECTIVE

1. Define the following physical quantities related to sound waves:

(A) Pitch

(B) Loudness and softness

(C) Intensity

(D) Quality

2. A pendulum oscillates 40 times in 4 seconds. Find its time period and frequency

3. Describe the working of human hear with a neat and labelled diagram?

CHEMICAL EFFECT OF ELECTRIC CURRENT

WORKSHEET 3

Question 1 . If you pass current through copper sulphate solution, copper gets deposited on the plate connected to the _____ terminal of the battery.

1. **Positive**
2. **Negative**
3. **Both**
4. **None of these**

Question 2. Which one of the following is a good conductor of electricity?

1. **copper**
2. **wood**
3. **distilled water**
4. **none of these**

Question 3. Electric current produces _____ field.

1. **chemical**
2. **magnetic**
3. **physical**
4. **complex**

Question 4 Define electroplating.

Question 5. Tap water is considered a good conductor of electricity. Why?

Question 6. Distilled water is a poor conductor of electricity. Justify.

Question 7. Prepare a list of things around you that are electroplated.

WORKSHEET 3 CHEMICAL EFFECT OF ELECTRIC CURRENT

Q.1. Define these terms: a) Electrolysis b) Electrode c) Electrolyte d) Electroplating

Q.2. Answer in one word: a) Which part of an atom is responsible for flow of current? b) What type of effect of current do the deposits of metal on electrodes show? c) Which effect of current causes the bulb to glow? d) Which metal is plated on handle bars of cycles and rim of wheels? e) Which part of the bulb glows?

Q.3. Fill in the blanks:

a) The object to be electroplated is taken as _____ electrode.

(b) One of the most common applications of chemical effect of electric current is _____.

(c) Small amount of a mineral salt present naturally in water makes it a _____ of electricity.

(d) Electroplating of _____ is done on objects like water taps and cycle bell to give them a shiny appearance.

e) _____ discovers the electrolysis of water.

Q.4. Multiple choice questions:

a) When electric current is passed through a conducting solution, there is a change of colour of the solution. This indicates

(i) the chemical effect of current.

(ii) the heating effect of current.

(iii) the magnetic effect of current.

(iv) the lightning effect of current

b) Bob's uncle has set up an electroplating factory near his village. He should dispose off the waste of the factory

(i) in the nearby river.

(ii) in the nearby pond.

(iii) in the nearby cornfield.

(iv) according to the disposal guidelines of the local authority

c) Cooper wire is a

(i) Good conductor (ii) Bad conductor (iii) Can be both at different time (iv) None of these

d) Which of these is not a conductor of electricity

(i) Lemon water (ii) Vinegar (iii) Honey (iv) None of these

e) An electrolyte is a

(i) Solids that conducts electricity

(ii) liquids that does not conduct electricity

(iii) Solids that does not conduct electricity

(iv) liquids that conduct electricity

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HOLIDAY HOMEWORK

Class VIII

1. Write about the difference between series and parallel connections of bulbs. Explain which is more efficient and why.
2. Research how an electromagnet works. List two applications of electromagnets in daily life.

Project/Model:

Build a small electromagnet using a nail, copper wire, and a battery to demonstrate how electromagnetism works.

पीएम श्री केंद्रीय विद्यालय सिवनी

शीतकालीन अवकाश गृहकार्य

कक्षा आठवीं

विषय - हिंदी

प्रश्न 1. हमारे जीवन में डाकिए की क्या भूमिका है ? इस विषय पर 10 वाक्य लिखिए

प्रश्न 2 पानी का हमारे जीवन में क्या महत्व है? लिखिए

प्रश्न 3 किसी भी भ्रमण यात्रा का वर्णन कीजिए।

प्रश्न 4 अनुच्छेद लिखिए।

- रंगों का त्योहार होली

- पर्यावरण प्रदूषण

- समाचार पत्रों के लाभ

- मोबाइल के लाभ हानि

प्रश्न 5 अपने विद्यालय के प्राचार्य को शुल्क मुक्ति हेतु प्रार्थना पत्र लिखिए।

प्रश्न 6 अनुशासन का महत्व समझाते हुए मित्र को पत्र लिखिए।

प्रश्न 7 पक्षियों को कैद करके रखना सही है या गलत? अपने विचार लिखिए।

