

# DSK DAV PUBLIC SCHOOL, PURULIA, WB

## CLASS VIII B

### HOIDAY HOMEWORKS

---

#### ENGLISH

##### SECTION A

##### WRITING

- A.
1. Applying your creative thoughts write a poem or a short story in your own language giving a suitable title.
  2. Write a letter to your friend expressing your love for reading English Literature.

##### SECTION B

##### GRAMMAR

B. Fill in the blanks by choosing the correct options.

1. When I opened my eyes, I ..... a strange sight.
  - a) saw
  - b) was seeing
  - c) have seen
2. Every morning she ..... up early and gets ready for work.
  - a) is waking
  - b) wakes
  - c) has woken
3. If I knew what he wanted, I ..... this.
  - a) will not permit
  - b) would not permit
  - c) would not have permitted
4. I ..... anything from her in a long time.
  - a) didn't hear
  - b) haven't heard
  - c) am not hearing
5. The headmaster ..... to talk to you.
  - a) want
  - b) wants
  - c) is wanting
6. Jane ..... with her parents.
  - a) is living
  - b) lives
  - c) has lived
7. We ..... Greece next month.

- a) visit
- b) will visit
- c) would visit
- d) are visiting

8. The moon ..... around the earth.

- a) is revolving
- b) has revolved
- c) revolves

9. She ..... a novel recently.

- a) wrote
- b) writes
- c) has written

10. All students ..... in their work.

- a) handed
- b) have handed
- c) hand

B. Change the direct speeches to indirect.

1. "I'll have a cup of tea," my father said, "because I'm not hungry."
2. Pamela said, "Man is mortal."
3. He said to me, "How long will you stay here?"
4. The man said to the officer, "Please help me."
5. Choose the correct indirect speech: She asked me, "Are you happy in your new job?"
6. He remarked, "Two and two makes four."
7. "Don't waste time", the teacher said to the students. The indirect form of the speech?
8. The indirect form of the sentence: John said to his mother, "I shall go to bed now."
9. He said to me, "Let's go home together."
10. He said to me, "May you be happy."

## SECTION C

### LITERATURE

C.

1. Read the texts Three Questions, Granny's Tree Climbing and The Fun They Had and prepare the questions and answers provided to you.

## HINDI

1. 'हम पंछी उन्मुक्त गगन के' पाठ के प्रश्नोत्तर एवं पाठ से जुड़े अन्य प्रश्नों के उत्तर लिखिए।
2. 'असल धन' पाठ के प्रश्नोंत्तर एवं पाठ से जुड़े अभ्यास कार्य व्याकरण बनाइए।
3. 'अच्छे पड़ोसी के गुण' पाठ के प्रश्नोत्तर और अभ्यास कार्य पूरा कीजिए।
4. इन तीनों पाठ से जुड़े अभ्यास सागर में से व्याकरण कीजिए।
5. पिछले पाँच साल के बोर्ड के प्रश्न पत्र हल करें।
6. पढाए गए पाठ में से तत्सम और तदभव वाले शब्द छाँटकर लिखे।
7. पढाए गए पाठ में से अनुस्वार, अनुनासिक और नुक्ता वाले शब्द लिखिए।
8. पढाए गए पाठ को पढकर पाठ के अंदर से स्वयं प्रश्नोत्तर बनाए।
9. दिए गए विषय पर निबंध/अनुच्छेद लिखे-  
लोकतंत्र और चुनाव  
समाचार का महत्व  
इंटरनेट की दुनिया  
कोरोना का प्रभाव  
आज का युवा और मोबाइल
10. आप के विद्यालय की ओर से एक नृत्य प्रतियोगिता का आयोजन होने वाला है इस संदर्भ में सूचना तैयार कीजिए।

## BENGALI

1. বিড়াল গল্পের বিড়ালটিকে তুমি কি অপরাধী মনে কর? তোমার উত্তরের স্বপক্ষে যুক্তি দাও।
2. ভারতচন্দ্র রায়গুণাকরের কবিপ্রতিভা সম্পর্কে আলোচনা করো। ( ১৫০-২০০ শব্দের মধ্যে)
3. শকুন্তলার পতিগৃহে যাত্রা পাঠ্যাংশ থেকে দশটি শব্দ নির্বাচন করে তাদের অর্থ লেখ। 5 টি করে শব্দ নির্বাচন করে তাদের বিপরীত শব্দ ও পদ পরিবর্তন কর।
4. করোনা পরিস্থিতিতে গৃহবন্দি অবস্থায় থাকাকালীন তুমি একটি গল্প লিখেছ তোমার সেই গল্পের কথা জানিয়ে তোমার বন্ধুকে একটি পত্র লিখ।
5. অনুচ্ছেদ রচনা কর : একটি গাছ, একটি প্রাণ। ( ১৫০ শব্দের মধ্যে)

## MATHEMATICS

1. Solve the questions provided in the link given below.

[CLICK ME](#)

2. Activities.
  - a. Construct a foldable containing all algebraic identities.
3. Project.

Show that  $(a + b)^2 = a^2 + 2ab + b^2$

Video link for help

<https://youtu.be/IA3TOtr5O0U>

<https://ncert.nic.in/science-laboratory-manual.php>

<https://youtu.be/ETpVJ7DQETo>

## **SOCIAL SCIENCE**

### HISTORY

1. What type of information do we get from the official records?
2. Mention any 5 events related to freedom struggle of India.
3. Explain any 5 major sources of information about Modern Indian History.

### GEOGRAPHY

1. Define resources.
2. Write the differences between renewable and non renewable resources.
3. Why sustainable development is the need of the hour?
4. Solar energy is a type of potential resource- justify the statement.

### CIVICS

1. Define Constitution. Describe the contribution of the Constitution.
2. Describe any 5 salient features of the Constitution.
3. Why is Indian federation called unique? Justify.

Project-

Topic- Fundamental Rights.

# SCIENCE

## *CHEMISTRY*

### A. Fill in the blanks-

1. .... is the major renewable natural resource.
2. The process in which coal is strongly heated in the absence of air, is known as .....
3. .... is the black viscous liquid, obtained by destructive distillation of coal.
4. Burning of cowdung cakes is an example of ..... combustion.
5. During incomplete combustion of fuel ..... gas is formed.

### B. Answer the following questions-

1. Define the term combustible material? Give two examples of combustible materials.
2. State the three conditions that are needed for combustion to take place.
3. Define calorific value of fuel.
4. State the condition under which slow combustion of materials takes place.
5. Define the term fuel.
6. Define the term carbonization.
7. Name three main products obtained from destructive distillation of coal.
8. Write full form of CNG, PNG, and LPG.
9. State two uses each of the following-
  - a. Asphalt
  - b. Paraffin wax.
10. Name any two renewable natural sources of energy.

### C. Answer the following questions-

1. Differentiate different types of coal.
2. State the main advantages of using natural gases.
3. How do petroleum and natural gases occur in nature.
4. Calorific value of wood is 18000kj/kg. How much of wood is required to produce 360000 KJ of heat energy?
5. Why are gaseous fuels considered better than liquid fuel?
6. Why do we say that burning of fuels can cause health hazards?
7. Prepare a report on the precautions that should be taken while using CNG fuel in vehicles.
  - D. Collect information of different types of fire extinguishers and write about them in a scrap file with picture of fire extinguishers.
  - E. Make a power point representation on the topic of "Recent Development of Bio fuel".
  - F. Write a graphical representation on increase in cost of Petrol/Diesel in last ten years.

## PHYSICS

### 1. Match the Column

Column A	Column B
a. ATMOSPHERIC PRESSURE	i. Friction force
b. CONTACT FORCE	ii. The pressure exerted by the air
c. NON-CONTACT FORCE	iii. MUSCULAR FORCE
d. PRESSURE	iv. MAGNETIC FORCE
e. Force	v. ELECTROSTATIC FORCE
	vi. Gravitational force
	vii. force per unit area
	viii. It can be pull or push

### 2, True and false

- Friction opposes the relative motion between two surfaces in contact.
- A force can act on an object with or without being in contact with it.
- Gases does not exert pressure on the walls of their container
- The force exerted by a charged body on another charged or uncharged body is known as gravitational force
- magnetic force is a contact force
- force of gravity is an attractive force
- Atmosphere pressure at high altitudes is less than the pressure at ground
- People at plains suffer from nose bleeding.

### 3. Define

- Muscular Force
- Atmosphere pressure
- Contact Force
- Pressure

### 4. Conceptual Questions

- Why shoulder bags are provided with broad straps and not thin straps
- why the tools meant for cutting and piercing always have sharp edges
- Two women are of the same weight. One wears sandals with pointed heels while the other wears sandals with flat soles. Which one would feel more comfortable while walking on a sandy beach? Give reasons for your answer.
- Two persons are applying forces on two opposite sides of a moving cart. The cart still moves with the same speed in the same direction. What do you infer about the magnitudes and direction of the forces applied
- Why do deep-sea divers have to wear special suits before going for diving at the depths?

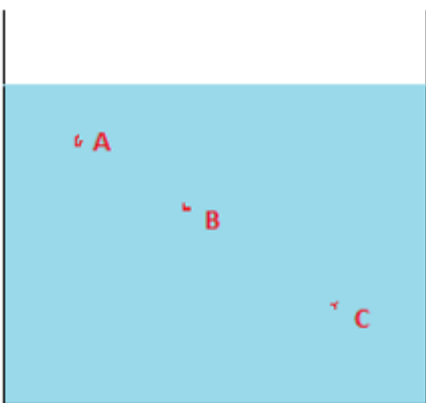
### 5, Fill in the blanks

- An example of a non-contact force is \_\_\_\_\_.
- The pressure exerted by air around us is known as \_\_\_\_\_.

- c. SI unit of force is \_\_\_\_\_.
- d. Application of force can change the \_\_\_\_\_ or \_\_\_\_\_ of an object.
- e. Force exerted by our muscles is called \_\_\_\_\_ force.
- f. Direction of force of friction is always \_\_\_\_\_ to the direction of motion.
- g. Force per unit area is called \_\_\_\_\_.
- h. The force exerted by a charged body on another charged or uncharged body is known as \_\_\_\_\_
- i. Force has \_\_\_\_\_ as well as \_\_\_\_\_

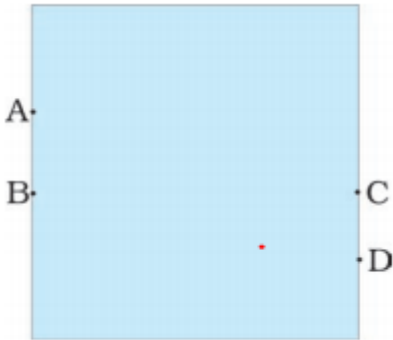
## 6. Multiple Choice Questions

1. A ball rolling on the ground slows down and finally stops because
  - (a) force
  - (b) less force applied
  - (c) friction
  - (d) none of the above
2. The force involved in falling of an apple from a tree is known as?
  - (a) magnetic force
  - (b) electrostatic force
  - (c) contact force
  - (d) gravitational force
3. Which of the following is an example of a non-contact force?
  - (a) The force exerted by us to lift a bucket
  - (b) push a stationary car
  - (c) The force exerted by magnets
  - (d) Force due to friction
4. The below figure shows a container filled with water. Which of the following statements is correct about pressure of water?



- (a) Pressure at A > Pressure at B > Pressure at C
  - (b) Pressure at A = Pressure at B = Pressure at C
  - (c) Pressure at A < Pressure at B > Pressure at C
  - (d) Pressure at A < Pressure at B < Pressure at C
5. Which one of the following forces is a contact force?
    - (a) force of gravity
    - (b) magnetic force
    - (c) force of friction
    - (d) electrostatic force

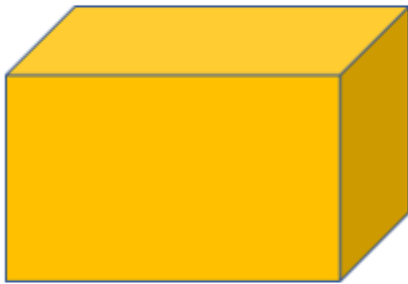
6.



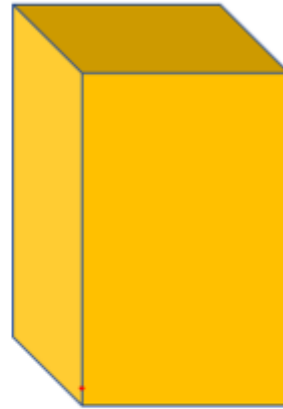
A water tank has four taps fixed at points A, B, C, D as shown above  
The water will flow out at the same pressure from taps at

- (a) B and C
- (b) C and D
- (c) A and B
- (d) A and C

7. A brick is kept in two different ways on a table as shown below. The pressure exerted by the brick on the table will be



**A**



**B**

- (a) maximum in position A
- (b) maximum in position B
- (c) equal in both cases

8. Opening the door is an example of which type of force?

- (a) contact force
- (b) spring force
- (c) non-contact force
- (d) magnetic force

9. Name the force used in removing iron scrap from a heap of mixed scrap.

- (a) Magnetic Force
- (b) Electrostatic force
- (c) Gravitational force
- (d) Friction Force

10. The pressure on an object \_\_\_\_\_ with the increase in altitude from earth surface

- (a) Increase
- (b) decrease
- (c) same
- (d) None

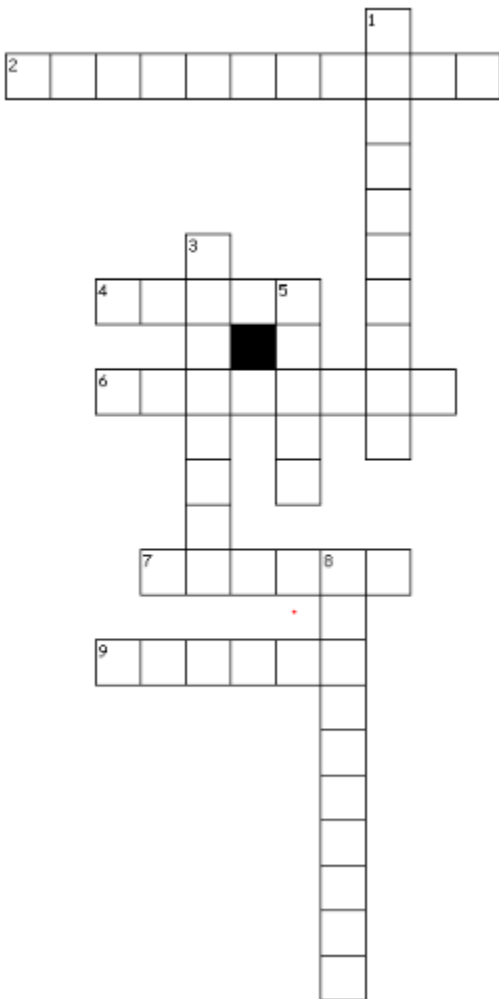


7. Jumble Word

- NITMGCEA
- RCFEO
- CTNACOT
- RSESREPU
- FOTCRNII
- GYATRVI

**JUMBLD WORD**

8. Crossword Puzzle



**Across**

- 2. The pressure exerted by air around us is known as \_\_\_\_\_ pressure
- 4. Push or pull on an object is known as \_\_\_\_\_
- 6. The force resulting due to the action of muscles is known as the \_\_\_\_\_ force

7. A \_\_\_\_\_ scientist of 17th century, invented a pump to extract air out of the vessel  
9. Pressure exerted by water at the bottom of the container depends on the \_\_\_\_\_ of its column

**Down**

1. \_\_\_\_\_ force always acts opposite to the motion of the object  
3. Force per unit area  
5. Liquids exert \_\_\_\_\_ pressure at the same depth  
8. gravity is an \_\_\_\_\_ force

**BIOLOGY**

Activity based questions.

1. Draw Plant cell using suitable colours and label it .
2. Draw Animal cell using suitable colour and label it .
3. Draw the diagram of some unicellular organisms like Euglena , Amoeba , Paramecium .
4. Represent a diagrammatic chart based on the variety in the shape of cells .
5. Take the help of internet and find a suitable diagram of compound microscope. Study its various parts-Now, draw the diagram of the same and label it exactly .
6. What are Cell organelles? Give the function of various cell organelles
7. Differentiate-
  - a) Plant cell and Animal cell
  - b) Unicellular and Multi cellular organism
8. What do you mean by the level of organization .Show it with the help of a chart .

**SANSKRIT**

- 1) यदिकः अपिदुष्टानांसङ्गतिकरोतिर्हितस्यकाःकाः हानयः भवन्ति?
- 2) किंभवान्/भवती वाकदापिस्वमित्रस्यआपत्कालेसहायताम्अकरोत्? स्वानुभवान्लिखन्तु।
- 3) पाठात्भिन्नम्एकम् अन्यत्नीतिश्लोकम्अन्विष्यअभ्यासपुस्तिकायांलिखन्तु।
- 4) उचितं भावं चित्वा (✓) इति चिहनेन चिह्नितं कुर्वन्तु-
  - I. चेतः प्रसादयति-
    - i. मनः प्रसन्नं नभवति। [ ]
    - ii. मनः दुःखीभवति। [ ]
    - iii. चित्तं प्रसन्नं भवति। [ ]
  - II. नीतिनिपुणः -
    - i. यः राजनीतिंजानाति। [ ]
    - ii. यः व्यवहारे कुशलः अस्ति। [ ]

iii. यः राजनीतिं पाठयति। [ ]

5) एतेषां प्रश्नानाम् उत्तराणि पूर्णवाक्येन वदन्तु लिखन्तु च-

- i. सुन्दरं गृहं दृष्ट्वा काकः चटकाच किम् अचिन्तयताम्?
- ii. चटकाकाकस्य गृहं गत्वा किं कथयति?
- iii. अभिमानी काकः चटकां किम् अकथयत्?
- iv. काकः लज्जितः भूत्वा किं चिन्तयति?
- v. वर्षाकालात् अनन्तरं किम् अभवत्?

6) 'कत्वा' स्थाने 'ल्यप्' प्रत्ययस्य प्रयोगं कुरुत-

- i. सः ईश्वरं \_\_\_\_\_ (प्र + नम् + ल्यप्) कार्यं करोति।
- ii. सः \_\_\_\_\_ (प्र + हस् + ल्यप्) कथयति।
- iii. सः दुष्कर्म \_\_\_\_\_ (परि + त्यज् + ल्यप्) प्रसन्नः भवति।
- iv. सा कन्या प्रकृतिसौन्दर्यं \_\_\_\_\_ (निर् + ईक्ष् + ल्यप्) प्रसीदति।
- v. कृपणः घनम् \_\_\_\_\_ (प्र + आप् + ल्यप्) प्रसीदति।

7) भवन्तः जानन्ति एव यत् अधत्वेन दीनां स्थितिः कीदृशी अस्ति? जनाः प्रतिदिनं नदीषु अवकरं क्षिप्तवान् नदीः प्रदूषिताः कुर्वन्ति। भवान्/भवती स्वनगरे नदीनां स्वच्छतायै किं किं कर्तुं शक्नोति? लिखन्तु वदन्तु च।

8) भारतस्य मानचित्रे प्रमुखाः नदीः दर्शयित्वा तासां नामानि अपि लिखन्तु।

### M.ED

- 1) 'जयति ओ३म् ध्वज व्योम बिहारी' गीत किस झंडे को फहराने पर बोला जाता है?
- 2) 'साम्य सुमनविकसाने वाला' का क्या अभिप्राय है?
- 3) 'इसके नीचे बड़े अभय मन' में 'इसके' का अर्थ बताओ?
- 4) भगवान का सर्वश्रेष्ठ नाम क्या है?
- 5) वाणी में पवित्रता कैसे आती है?
- 6) जगत का अनुपम आधार कौन है?
- 7) मानव के मन-मंदिर की ज्योति का प्रकाश-कुंज कौन है?
- 8) अनादि नाद कौन सा है जिसके बारे में विवाद नहीं है?
- 9) आर्य समाज के नियम लिखें।

### ICT

1. What is network? Explain the various type of network with example.
2. Describe the various type of communication channel or medium.
3. What is internet, ISP? Give example of ISP.
4. Difference between DSL and Dial-up.
5. Short Note: Modem, Switch, NIC, 4G

