

KENDRIYA VIDYALAYA CRPF MUDKHED

HOLIDAY HOMEWORK FOR WINTER BREAK -2018

Class – VI

ENGLISH

1. Write a paragraph about the following.

- 1) My pet
- 2) Save Environment.

2. Suppose you are class monitor. Write a notice for the students to inform them about Painting Competition.

3. Complete the following story.

- i. Once upon a time there was a farmer.....
- ii. Long ago there was a boy.....

HINDI

संज्ञा और सर्वनाम के भेदों को उदाहरण स्पष्ट कीजिए?

SANSKRIT

1. लिखतु लता, माला, बालिका ।

MATHEMATICS

Q.1 Draw a number lines and locate the points on them $\frac{1}{2}$, $\frac{1}{4}$, $\frac{3}{4}$

Q.2 Show following numbers on number line

(a) 19.4 (b) 0.3 (c) 2.5

Q.3 Ravi purchased 5kg400gm rice, 2kg20gm sugar and 10kg850gm flour. Find the total weight of his Purchases.

Q.4 Aakash bought vegetables weighing 10kg. Out of this, 3 kg 500gm is onions, 2kg75gm is tomatoes and he rest potatoes. What is he weight of potatoes?

SCIENCE

Q. 1) Define periodic motion with examples?

Q. 2) In a completely dark room, if you hold out a mirror in front of you. Will you see a reflection of yourself in the mirror?

Q. 3) Why should an electrician use rubber gloves while repairing an electric switch at your home?

Q. 4) Explain the properties of magnet.

i) Magnet attraction ii) Magnet repulsion

Q. 5) Explain water cycle with figure.

SOCIAL SCIENCE

1) What was the problems that Ashoka wants to solve by introducing dhamma?

2) What are the means of the Ashoka to spread the messages of Dhhama?

3) Describe the major five continents of the Earth?

4) Why is the biosphere important for living organisms?

- 5) in your neighbourhood are there women who own property ? How did they acquire it ?
6) In what way are the work of the panchayat, that you read about the precious chapter, and the work of the patwari related to each other?
7) what was the main teaching of the Mahavira ?

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HOLIDAY HOMEWORK FOR WINTER BREAK -2018

Class – VII

ENGLISH

1. Write a paragraph about the following TOPICS

- 1) Nature: a work of art
- 2) War and peace
- 3) Things to learn from animals.

2. Write two notices and two messages on different topics.

3. Complete the following story.

- i. Once upon a time there was a hardworking man he was very poor.....
- ii. Long ago there was a village with no doors

HINDI

१. प्रदूषण एक समस्या इस विषय पर २०० शब्दों में निबंध लिखिए ?
२. अकर्मक एवं सकर्मक क्रिया का परिचय दीजिए
३. कारक परिचय दीजिए

SANSKRIT

१. लट्, लोट्, लङ्, विधि - पच्, तिष्ठ, वस्, लकार ।
२. सर्वनाम एतत् (पुं) ।

MATHEMATICS

Q.1 In computer lab ,there are 3 computers for every 6 students .How many computers will be needed for 24 students?

Q.2 Meeta saves RS4000 from her salary. If this is 10% of her salary .What is her salary?

Q.3 write the following rational numbers in ascending order

(a) $\frac{-1}{3}, \frac{-2}{9}, \frac{-4}{3}$ (b) $\frac{-3}{7}, \frac{-3}{2}, \frac{-3}{4}$

Q.4 Draw the number line and represents the following rational numbers on it:

(a) $\frac{3}{4}$ (b) $\frac{-5}{8}$ (c) $\frac{-7}{4}$ (d) $\frac{7}{8}$

Q.5 Find sum (a) $-2\frac{1}{3} + 4\frac{3}{5}$ (b) $\frac{-3}{11} + \frac{5}{9}$

SCIENCE

- Q. 1) Explain the breathing process in human beings with well labelled diagram.
- Q. 2) Explain the structure of human heart with well labelled diagram.
- Q. 3) Explain the excretory system in human beings with well labelled diagram.
- Q. 4) Explain the structure of flower with the help of well labelled diagram.
- Q. 5) Define speed. Write its formula and unit. Which device is used to measure the speed of a vehicle?

SOCIAL SCIENCE

- 1) How did one temple get the information of the importance of a king?
- 2) What role did Yamuna river play in the scheme of new Mughal city in Shahjahanabad?
- 3) Why do you think the cities have developed around the temples?
- 4) Why did people come from far-off countries and territories?
- 5) In your view, why is the rate of abandonment of tribal boys and girls more than all other | classes?
- 6) How do media of communication play an important role in democracy.
- 7) Fur and skin of animals living in polar regions are thick.?

KENDRIYA VIDYALAYA CRPF MUDKHED

HOLIDAY HOMEWORK FOR WINTER BREAK -2018

Class – VIII

ENGLISH

1.You are Ram/ Rama ,CCA Captain of class-VIII .Write a notice for Elocution.

OR

2. Write a paragraph about the following.

- 1) My Teacher
- 2) Save Electricity

3.Write a story and give appropriate title.

- i.Long long ago there was a girl
- ii.Once there was a farmer.....

HINDI

१. अकबरी लोता कहानी से पाँच मुहावरों चुनकर अर्थ लिखकर उनका वाक्य में प्रयोग कीजिए
२. बे उपसर्ग लगाकर दस नये शब्द लिखिए
३. तीन प्रकार की संज्ञाओं की परिभाषा लिखकर उदाहरण दीजिए ?

SANSKRIT

१. कारक प्रकरण ।

२. उपपद विभक्ति ।

३. सर्वनाम- एतत् (स्त्री, पु) ।

२ बार

४. वारि शब्दरूप ।

MATHEMATICS

Q.1 An article was purchased for Rs1239 including GST of 18%. Find the price of the article before GST was added?

Q.2 Simplify (a) $(a+b+c)(a+b-c)$ (b) $(x+y)(2x+y) + (x+2y)(x-y)$

Q.3 Show that (i) $(a-b)(a+b)+(b-c)(b+c)+(c-a)(c+a)=0$

$$(ii)(3x + 7)^2 - 84x = (3x - 7)^2$$

Q.4 Using identities, evaluate

(a) 102^2 (b) $(5.2)^2$ (c) 297×303 (d) 78×82

Q.5 Simplify using suitable identities. (i) $(xyz-4)(xyz-2)$ (ii) $(2xy + 3y)^2$

SCIENCE

Q. 1) Give an account of nutritional needs of adolescence.

Q. 2) Define force. Give account different types forces.

Q. 3) Explain the process of sound production by human larynx with diagram.

Q. 4) Explain the structure and function of human ear with well labelled diagram.

Q. 5) Explain the structure and use of LED with well labelled diagram.

SOCIAL SCIENCE

1) Why the Indian iron smelting industry decline in the nineteenth century?

2) what helped TISCO expand steel production during the First World war?

3) What is meant by de-urbanisation?

4) How did the Old city of Delhi Change under British rule ?

5) what did the judge say in shanti's case after hearing the testimony of all the witnesses ?

6) why do you think the introduction of public interest litigation (PIL) in the 1980s is a significant step in ensuring access to justice for all ?

7) List of four reasons why you believe an independent judiciary is essential to democracy ?

KENDRIYA VIDYALAYA CRPF MUDKHED

HOLIDAY HOMEWORK FOR WINTER BREAK -2018

Class – IX

ENGLISH

1. Write a speech to be delivered in the Morning Assembly on Importance of Discipline in the Vidyalaya.
2. Write five letters – a. Letter to the Editor b. Letter to the Principal c. Supply Order d. Complaint Letter e. Job Application.

HINDI

१. अ और अंन उपसर्ग लगाकर १०-१० नये शब्द लिखिए
२ समास के प्रमुख भेदों की चर्चा कीजिए।

SANSKRIT

१. उपसर्ग, प्रत्यय, अव्यय= व्याख्या उदाहरणों के साथ।

MATHEMATICS

- Q. 1 Solve previous year question paper or sample papers.

SCIENCE –CHEMISTRY

1. Write 50 chemical combinations (chemical formula) of different elements.

SCIENCE – BIOLOGY

- Q.1. What is meant by classification?
Q.2. what are the basis of classification of plants?
Q.3. Which are the five kingdoms given by Whittaker?
Q.4. What are the bases of classification of animals?
Q.5. Explain the hierarchy of classification.
Q.6. Explain the characteristic of Phylum Nematoda.
Q.7. Explain the characteristic of Bryophyt.
Q.8. Differentiate between Gymnosperms and Angiosperms?
Q.9. Explain the characteristics of Reptile.

SCIENCE – PHYSICS

1. What is the audible range of frequency for human beings?
2. Find the frequency of a wave whose time period is 0.002 second.
3. What are ultrasonic and infrasonic sound waves?
4. What is SONAR?
5. What is the time period of sound wave?
6. What is the minimum distance required to hear distinct echo?
7. Why does sound become faint with distance?
8. Explain structure of the human ear with the help of diagram.

9. Given that sound travels in air at 340m/sec, find the wavelength of the waves in air produced by 20 kHz sound source. If the same source is put in a water tank, what would be the wavelength of the sound waves in water? (Speed of sound in water is 1480m/s)

SOCIAL SCIENCE

Q. 1 Solve any two previous year question papers or sample papers.

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HOLIDAY HOMEWORK FOR WINTER BREAK -2018

Class – X

ENGLISH

CLASS X(ENGLISH)

- 1.COLLECT THE PREVIOUS YEARS QUESTION PAPERS TO COLLECT THE QUESTIONS AND WRITE ANSWERS
- 2.WRITE IMPORTANT CHARACTERS OF “THE STORY OF MY LIFE” BY HELEN KELLER.
- 3.EDITING, OMISSION,REPORTED SPEECH EXERCISES (ONE EACH)
- 4.TWO QUESTIONS ON LETTER TO THE EDITOR BASED ON VARIOUS CURRENT ISSUES.

HINDI

१. जल ही जीवन है अथवा अगर पेड बोलने लगा था
इस विषय पर २०० शब्दों में निबंध लिखिए
२. रस की परिभाषित करते हुए पाठ्य पुस्तक के बाहर को ढुढकर पीर रस की कविता लिखिए ?

SANSKRIT

१. समास- द्विगु, बहुव्रीही, कर्मधारय = व्याख्या उदाहरणों के साथ ।

MATHEMATICS

Q. 1 Solve previous year question paper or sample papers.

SCIENCE –CHEMISTRY

1. To solve chemistry portion of CBSE previous year papers (2018 and 2017)
2. To write 100 compounds with their correct formula
3. To balance 20 unbalanced chemical equations.

SCIENCE –BIOLOGY

- Q.1. What is meant by the heredity?
- Q.2. What is meant by the Biodegradable Substances?
- Q.3. What are Herbivorous?
- Q.4. Explain Monohybrid Cross with examples.
- Q.5. Explain the term analogous with examples.
- Q.6. How areas of study of evolutions and the classifications interlinked?
- Q.7. Explain Sex link Inheritance with examples.
- Q.8. Explain Diahybrid Cross, with examples.

SCIENCE –PHYSICS

1. Which force is responsible for stability of our universe?
2. Name one fuel used in nuclear reactor.
3. Name the reaction responsible for large energy production in the sun.
4. How has the traditional use of wind energy been modified for our convenience?
5. Biogas is considered to be a boon to the farmers. Give reasons.
6. What is a solar cell panel? Mention any three of its applications?
7. Why are many thermal plants set up near coal or oil fields?
8. Distinguish between renewable and non-renewable resources of energy. Also give examples.

SOCIAL SCIENCE

Q. 1 Solve any two previous year question papers or sample papers.

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HOLIDAY HOMEWORK FOR WINTER BREAK -2018

Class – XI

ENGLISH

1. Write a speech to be delivered in the Morning Assembly on Importance of Discipline in the Vidyalaya.
2. Write five letters – a. Letter to the Editor b. Letter to the Principal c. Supply Order d. Complaint Letter e. Job Application.

HINDI

१. वार्षिक उत्सव का प्रतिवेदन तयार दीजिए ।
२. ५ सितंबर के दिन का महत्व प्रतिपादीत करते हुए आलेख लिखिए ।

MATHEMATICS

- Q.1 Find the sum to n terms of the sequence, 8, 88, 888, 8888... .
- Q.2 Insert two numbers between 3 and 81 so that the resulting sequences is G.P.
- Q.3 find the distance of the point (-1,1) from the line $12(x+6)=5(y-2)$.
- Q.4 find the equation of ellipse satisfies the conditions
(i) vertices $(\pm 5,0)$, foci $(\pm 4,0)$ (ii) Length of major axis 26 ,foci $(\pm 5,0)$
- Q.5 Find the equation of hyperbola satisfies the conditions
(i) vertices $(\pm 2,0)$, foci $(\pm 3,0)$
(ii) Foci $(\pm 4, 0)$, the latus rectum is of length 12.

CHEMISTRY

Thermodynamics : NCERT problem 6.7, 6.8, 6.11, 6.12, 6.13

Exercise 6.9, 6.14, 6.15, 6.17, 6.19, 6.20

Equilibrium : NCERT problem 7.2,7.4, 7.16, 7.18, 7.19, 7.25, 7.26, 7.27,7.28

Exercise 7.51, 7.56

Redox reactions: NCERT problem 8.8, 8.9, 8.10

Exercise 8.18

BIOLOGY

- 1) Explain the C_3 pathway.
- 2) Explain the symbiotic biological nitrogen fixation.
- 3) Explain Cruzn Anatomy.
- 4) Explain Glycolysis in details.
- 5) Explain Nitrogen Cycle in details.
- 6) What is meant by Photoperiodism?
- 7) Explain Photophosphorylation with examples.

PHYSICS

Q.1 How does the force of gravity between two bodies changes when the distance between them is halved?

Q. 2 When is your weight equals mg ? Give an example when your weight is more than mg . Give an example when it is zero.

Q.3 Gravitational forces acts on all bodies in proportion to their masses. Why, then, doesn't a heavy body fall faster than lighter body?

Q.4 What would be the path of moon if somehow gravitational forces on it vanished to zero?

Q. 5 A person says that, since Earth's gravity is so much stronger than the Moon's gravity, rocks on the moon could be dropped to the Earth. What is wrong with this assumption?

Q. 6 What is the magnitude of the gravitational force at the Earth's center?

Q.7 If the Earth were of uniform density, what would be the value of g inside Earth at half its radius? **Q. 8** If the Earth were hollow, but still had same mass and same radius, would your weight in your present location be more, less or the same it is now? Explain.

Q.9 Find the change in the force of gravity between two planets when the distance between them is decreased by a factor of five.

Q.10 What is the minimum speed for orbiting the Earth in close orbit? The maximum speed? What happens above this speed?