

KALI RAM DAV PUBLIC PUBLIC SCHOOL, SAFIDON

SUMMER-VACATION HOMEWORK (2018-19)

CLASS X

SUBJECT- ENGLISH

(A) LITERATURE SECTION:

- 1 FICTION : Revise Q/Ans of Lessons 1,2 &3
- 2 POETRY : Revise Q/Ans of Poems 1,2,&3
- 3 WORKBOOK : Practice worksheets of Unit 1 &2
- 4 MCB : Practice worksheets of Unit 1 &2
- 5 NOVEL : REVISE CHARACTER SKETCH OF HELEN KELLER, MISS ANNE MANSFIELD SULLIVAN,MR ANAGNOS,ALEXANDER GRAHAM BELL
THEME & PLOT

(B) WRITING SECTION:

- 1 STORY WRITING : Practice test assignment 1 &2 of Story Writing in Practice Paper
- 2 LETTER WRITING: Practice test assignment 1 &2 of Letter Writing in Practice Paper

(C) GRAMMAR SECTION :

- 1 JUMBLE SENTENCE: Practice test assignment 1 &2 of Jumble Sentences in Practice Paper
- 2 GAP FILLING : Practice test assignment 1 &2 of Gap Filling in Practice Paper
- 3 EDITING : Practice test assignment 1 &2 of Editing in Practice Paper

- (D) CREATIVE WORK : Make a Power Point Presentation /Chart on the following topics group wise

- GROUP 1.....DETERMINERS (ROLL NO. 1 TO 8)
- GROUP 2.....TENSE (ROLL NO. 9 TO 16)
- GROUP 3.....NON FINITES (ROLL NO. 17 TO 24)
- GROUP 4.....RELATIVES (ROLL NO. 25 TO 32)
- GROUP 5.....SUB-VERB CONCORD (ROLL NO 33 TO 40)
- GROUP 6.....NOMINALISATION (ROLL NO. 41 TO 51)

(E) READING SECTION :

- 1 READING COMPREHENSION : PRACTICE TEST ASSIGN MENT 1 & 2 OF READING UNSEEN COMPREHENSION PASSAGES IN PRACTICE

PAPER

K.R.D.A.V. PUBLIC SCHOOL
HOLIDAYS HOMEWORK(2018-2019) , ASSIGNMENT-PHYSICS
CHAPTER- REFLECTION AND REFRACTION OF LIGHT , CLASS-10TH

For odd roll no.

1. The magnification produced by a convex lens is less than one. Show with the help of a diagram.
2. What is the speed of light in vacuum?
3. What is a lens?
4. What is the radius of curvature of a plane mirror?
5. Differentiate between real and virtual image.
6. What type of image is formed on a cinema screen?
7. A convex mirror is a part of sphere of radius 20 cm. What is the focal length of the mirror?
8. Radius of curvature of a mirror is -10 cm. What type of mirror is it?
9. Magnification of a mirror is $-4/3$. What type of mirror is it?
10. A 2cm high object is placed at a distance of $2F$ from a convex lens, what is the height of the image formed?
11. Magnification of a mirror is '1'. What type of mirror is it? What is the position of object and image?
12. Name the type of mirror used:-
 - (i) as a reflector in search light (iii) by the dentist (ii) as side view mirror in vehicles. (iv) as a shaving mirror
13. Wherever you may stand in front of mirror, your image is always erect & same sized, what type of mirror is it?
14. A ray of light strikes the mirror at an angle of 100° . What is the angle of reflection?
15. A candle is kept in front of plane mirror at distance of 25 cm. What is distance between candle & its image?
16. Radius of curvature of a mirror is +30cm. Name the kind of mirror and give the characteristics of the image formed by it.
17. Define refraction.
18. State the laws of refraction.
19. Find the position, nature and size of an image formed by a convex lens of focal length 25 cm when an object 6 cm high is placed 50 cm in front of the lens.
20. What is the lateral displacement when a ray of light falls normally on a glass slab?
21. Refractive index of water with respect to air is 1.33, what is refractive index of air with respect to water?
22. Under what condition, the angle of refraction will be equal to the angle of incidence?
23. Refractive index of glass is 1.5, what is the speed of light in glass?
24. If refractive indices of alcohol & water are 1.36 and 1.33 respectively, which of the two is optically denser?
25. An object is placed 10cm from a concave lens of focal length 24cm. where is the image formed and what is the magnification?

K.R.D.A.V. PUBLIC SCHOOL
HOLIDAYS HOMEWORK(2018-2019) , ASSIGNMENT-PHYSICS
CHAPTER- REFLECTION AND REFRACTION OF LIGHT , CLASS-10TH

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1. The magnification produced by a convex lens is less than one. Show with the help of a diagram.
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5. Differentiate between real and virtual image.
6. What type of image is formed on a cinema screen?
7. A convex mirror is a part of sphere of radius 20 cm. What is the focal length of the mirror?
8. Radius of curvature of a mirror is -10 cm. What type of mirror is it?
9. Magnification of a mirror is $-4/3$. What type of mirror is it?
10. A 2cm high object is placed at a distance of $2F$ from a convex lens, what is the height of the image formed?
11. Magnification of a mirror is '1'. What type of mirror is it? What is the position of object and image?
12. Name the type of mirror used:-
 - (i) as a reflector in search light (iii) by the dentist (ii) as side view mirror in vehicles. (iv) as a shaving mirror
13. Wherever you may stand in front of mirror, your image is always erect & same sized, what type of mirror is it?
14. A ray of light strikes the mirror at an angle of 100° . What is the angle of reflection?
15. A candle is kept in front of plane mirror at distance of 25 cm. What is distance between candle & its image?
16. Radius of curvature of a mirror is +30cm. Name the kind of mirror and give the characteristics of the image formed by it.
17. Define refraction.
18. State the laws of refraction.
19. Find the position, nature and size of an image formed by a convex lens of focal length 25 cm when an object 6 cm high is placed 50 cm in front of the lens.
20. What is the lateral displacement when a ray of light falls normally on a glass slab?
21. Refractive index of water with respect to air is 1.33, what is refractive index of air with respect to water?
22. Under what condition, the angle of refraction will be equal to the angle of incidence?
23. Refractive index of glass is 1.5, what is the speed of light in glass?
24. If refractive indices of alcohol & water are 1.36 and 1.33 respectively, which of the two is optically denser?
25. An object is placed 10cm from a concave lens of focal length 24cm. where is the image formed and what is the magnification?

K.R.D.A.V. PUBLIC SCHOOL
HOLIDAYS HOMEWORK(2018-2019) , ASSIGNMENT-PHYSICS
CHAPTER- REFLECTION AND REFRACTION OF LIGHT , CLASS-10TH

For even roll no.

1. The magnification produced by a concave lens is always less than one. Show with the help of a diagram.
2. What is the speed of light in vacuum?
3. What is a mirror?
4. What is the focal length of a plane mirror?
5. Differentiate between real and virtual image.
6. What type of image is formed on a cinema screen?
7. A concave mirror is a part of sphere of radius 40 cm. What is the focal length of the mirror?
8. Radius of curvature of a mirror is 20 cm. What type of mirror is it?
9. Magnification of a mirror is $+2/3$. What type of mirror is it?
10. A 1cm high object is placed at a distance of $2F$ from a convex lens, what is the height of the image formed?
11. Magnification of a mirror is '-1'. What type of mirror is it? What is the position of object and image?
12. Name the type of mirror used:-
(i) as a reflector in search light (iii) by the dentist (ii) as side view mirror in vehicles. (iv) as a shaving mirror
13. Wherever you may stand in front of mirror, your image is always erect & same sized, what type of mirror is it?
14. A ray of light strikes the mirror at an angle of 200° . What is the angle of reflection?
15. A candle is kept in front of plane mirror at distance of 15 cm. What is distance between candle & its image?
16. Radius of curvature of a mirror is $+24\text{cm}$. Name the kind of mirror and give the characteristics of the image formed by it.
17. Define refraction.
18. State the laws of refraction.
19. Find the position, nature and size of an image formed by a convex lens of focal length 15 cm when an object 6 cm high is placed 30 cm in front of the lens.
20. What is the lateral displacement when a ray of light falls normally on a glass slab?
21. Refractive index of water with respect to air is 1.33, what is refractive index of air with respect to water?
22. Under what condition, the angle of refraction will be equal to the angle of incidence?
23. Refractive index of glass is 1.65, what is the speed of light in glass?
24. If refractive indices of alcohol & water are 1.36 and 1.33 respectively, which of the two is optically denser?
25. An object is placed 8 cm from a concave lens of focal length 24cm. where is the image formed and what is the magnification?

Xth chemistry assignment
HOLIDAYS HOME WORK 2018-2019

- Q.1. Give reasons for the following: (i) Keeping food in air tight containers help in preventing rancidity.
1. Moist air and acidic gases are not good for some metals.
 2. Manufactured chips usually flush bags of chips with nitrogen gas.
 3. Sodium acts as an oxidizing agent while chlorine acts as a reducing agent in the following reaction: $2\text{Na(s)} + \text{Cl}_2(\text{g}) \rightarrow 2\text{NaCl(s)}$
 4. White colored silver chloride turns gray when kept in sunlight.
- Q.2. Why does the blue colour of copper sulphate solution change when a piece of iron dropped into it?
- Q.3. State any two ways to prevent the rancidity of food containing fats and oil ?
- Q.4 Why respiration is exothermic reaction?
- Q.5 What type of reaction is represented by the digestion of food in our body ?
- Q.6 What is thermite reaction ? Mention its use.
- Q.7 In the refining of silver, the recovery of silver from silver nitrate solution involves displacement reaction with copper metal. Write down the chemical equation for the reaction.
- Q.8 What do you observe when a solution of lead nitrate and potassium iodide in water are mixed together.
- Q.9 A white substance 'X' on exposure to sunlight turns grey. Name the substance 'X' and the grey product.
- Q.10 What would you observe when lead nitrate is heated?
- Q.11 Write balanced equations with state of reactants and products :
- I. Molten sodium chloride on passing current decomposes into sodium metal and chlorine gas
 - II. Magnesium metal and hydrochloric acid react to produce magnesium chloride and hydrogen.
 - III. Potassium chlorate on heating produces potassium chloride and oxygen gas.
 - IV. Solutions of barium chloride and sodium sulphate react to produce ppt of barium sulphate and sodium chloride.
 - V. Iron metal dissolves in copper sulphate solution forming iron sulphate and copper.

CLASS X HOLIDAYS HOMEWORK (BIOLOGY)

1. Model of Digestive system, Respiratory system, Circulatory system, Excretory system and Human Brain using ribbons and household wastes and clay
2. 1 TO 10 ROLL.NO.- Digestive System
3. 11 TO 20 ROLL.NO.- Respiratory System
4. 21 TO 30 ROLL.NO.- Circulatory System
5. 31 TO 40 ROLL.NO.- Excretory System
6. 41 TO 51 ROLL.NO.- Human Brain
7. Learn chapter-6,7
8. COMPLETE NOTES IN NOTEBOOK.

KALI RAM D A V PUBLIC SCHOOL SAFIDON
SOCIAL SCIENCE HOLIDAY'S HOMEWORK (2018-19)
CLASS 10th

1. Prepare a Project on 'Disaster Management' as per the following guidelines:-

Highlight the following- Define Disaster. What is the Disaster Management?

Do topic according to the Roll No.

I. First Aid	Roll no 1 to 10
II. Fire	Roll no 11 to 20
III. Floods	Roll no 21 to 30
IV. Earthquakes	Roll no 31 to 40
V. Floods	Roll no 41 to 51

2. Prepare Power Point Presentation on Following:-

TOPIC	Roll No
i. Land Resources	1 to 10
ii. Water Resources	11 to 20
iii. Agriculture	21 to 30
iv. Power Sharing	31 to 40
v. Federalism/ Development	41 to 51

3. Frame, Write and Learn 25 Objective type , 15 three marks Questions-Answers from your text book of Geography , Civics, Economics.

4. Prepare any two slogans on "Save Resources " and "Save Environment".

कक्षा दसवीं ग्रीष्मकालीन गृह कार्य

- 1 ग्लोबल वार्मिंग के कारण ऋतुओं में क्या परिवर्तन आ रहे हैं इससे निपटने के लिए आप की क्या भूमिका हो सकती है लिखिए (कविता या निबंध)
- 2 पश्चिम की चकाचौंध से आकर्षित होकर अनेक भारतीय विदेशों की ओर उन्मुख हो रहे हैं इस विषय पर 3 मिनट का भाषण तैयार करें (मानवीय करुणा की दिव्य चमक)
- 3 स्वतंत्रता आंदोलन में महिलाओं की सक्रिय भागीदारी रही उन में से किसी एक पर प्रोजेक्ट तैयार कीजिए (एक कहानी यह भी)

4 निबंध लेखन । कंप्यूटर आज की आवश्यकता

- 2 दैनिक जीवन में समाचार पत्रों का महत्व
- 3 पर्यावरण प्रदूषण
- 4 मोबाइल फोन वरदान या अभिशाप

5. पत्र लेखन

दो पत्र औपचारिक , दो पत्र अनौपचारिक

छात्र जल संरक्षण के प्रति समाज को जागरुक करने का कार्य अवश्य करें

पाठ 1 2 क्षितिज

पाठ 1 कृतिका कविता 1, 2 प्रश्नों के उत्तर याद करें

व्याकरण पद परिचय

15 पदों का परिचय देना

वाक्य विचार - 15 वाक्य लिखने

रसों की परिभाषा व स्थाय भाव याद करना

7. सभी छात्र प्रातः जल्दी उठकर प्रातः कालीन सैर के लिए अवश्य जाएं

K R D A V Public School, Safidon
Holiday's Homework 2018-19
Class-X (Foundation of Information Technology)

1. Learn Question-Answers from Ch-1, 2 and 5.
2. Framing 20 Objective type questions from Ch-1,2 and 5. (Total 60)
3. Write minimum 10 HTML programs in Practical File With Source Code and program Output/result.

Arts

X

Make posters on-BEAT PLASTIC POLLUTION,WATER CONSERVATION,FEMALE
FETICIDE

CLASS -X (MATHS HOLIDAY HOMEWORK)

1. Do examples of chapter- 1,2,3 on notebook.
2. Do Assignment of CH 1,2,3.
3. Do chapter-6.
4. Do these activities from LAB MANUAL
ACTIVITY 1: Application of Euclid's Division Lemma.
ACTIVITY 2: Prime Factorisation of Composite number.
ACTIVITY 3: Zero of linear polynomial.
ACTIVITY 4: Zeroes of quadratic polynomial.
ACTIVITY 5: System of linear equation in two variable.