

DAV PUBLIC SCHOOL

Sec-3, Dhurwa RANCHI 4

Affiliated to CBSE Delhi

Session 2023-24

Class 8

HOLIDAY HOMEWORK

sub- Math

Q 1 verify the following

1. $-12/5 + 2/7 = 2/7 + (-12/5)$
2. $3 + (-7/12) = -7/12 + 3$

Q 2 what number should be added to $-5/8$ so as to get $-3/2$?

Q 3 verify the following

1. $3/7 \times (5/6 + 12/13) = (3/7 \times 5/6) + (3/7 \times 12/13)$
2. $-16/7 \times (-8/9 + -7/6) = (-16/7 \times -8/9) + (-16/7 \times -7/6)$

Q 4 by what rational number should $-8/39$ be multiplied to obtain $1/26$?

Q 5 Divide the sum of $13/5$ and $-12/7$ by the product of $-31/7$ and $1/2$.

Q 6 find a rational number between $-1/3$ and $1/2$.

Q 7 find 10 rational numbers between $-3/4$ and $5/6$.

Q 8 find the area of a rectangular park which is $36 \frac{3}{5}$ m long and $16 \frac{2}{3}$ m broad .

Q 9 the cost of $3 \frac{1}{2}$ metres of cloth is Rs $166 \frac{1}{4}$. what is the cost of one metre of cloth ?

Q 10 after reading $7/9$ of a book . 40 pages are left . how many pages are there in the book ?

Q 11 write each of the following numbers in standard form .

1. 57.36
2. 168000000
3. 4630000000000
4. 345×10^5

PROJECT WORK

Art Integration project on rational Numbers (Go THROUGH THE YOUTUBE LINK)

DAV PUBLIC SCHOOL DHURWA RANCHI

AFFILIATED TO CBSE (10+2)

SUMMER HOLIDAYS ASSIGNMENT

CLASS VIII.

SUBJECT -SCIENCE

Answer the following questions in the most creative accurate and innovative manner.

SECTION -A

- Q.1 can we store gems and pickles in plastic containers? Give reason.**
- Q.2 define petrochemicals with some examples.**
- Q.3 why is Teflon used for non-stick coating on cookwares?**
- Q.4 what is mean by PET write some of its uses.**
- Q.5 Teen aluminium and other metals can be considered Non biodegradable give reason?**
- Q.6 how is plastic used in healthcare industry?**
- Q.7 Give three advantage of polythene over natural materials.**
- Q.8 Even though plastic are useful but they are not environmental friendly ?justify the statement.**
- Q.9 describe the help of an activity to show the thermoplastics is a poor conductor of electricity.**

SECTION -B

- Q.10 nitrogen and phosphorus are non metals that are found in fertilizers and enhance the growth of plants .give reason?**
- Q.11 which non metal is used to dish in fact water?**
- Q.12 A purple colour non metals forms a brown solutions in alcohol which is applied on wounds as antiseptics name the non metal.**
- Q.13 zinc sulphate false a colourless solutions in water .Will you observe any colour on adding copper turning in it.**
- Q.14 which of the following metals can displace the other two metals from their salt solutions zinc copper and iron.**
- Q.15 oxides of non metals replaces are more reactive metal from its all solution in water explain?**

Q.16 when a copper surface is exposed to air for a long time. it develops a green layer on its surface why?

Q.17 Why Aluminium is used for wrapping of food items?

Q.18 what happens when a magnesium ribbon is heated in presence of air.

Q.19 what is displacement reaction? Give one example with reactions.

Q.20 complete the following equations:-

(a) $2\text{Na} + 2\text{H}_2\text{O} \rightarrow$ ----

(b) $\text{Mg} + \text{H}_2\text{O} \rightarrow$ -----

(c) $\text{Mg} + 2\text{HCl} \rightarrow$ ----

(d) $2\text{Al} + 3\text{H}_2\text{SO}_4 \rightarrow$ -----+

(e) $\text{Zn} + \text{CuSO}_4 \rightarrow$ -----

(f) $\text{Mg} + \text{CuSO}_4 \rightarrow$ -----

(g) $\text{Cu} + 2\text{H}_2\text{O} \rightarrow$ -----

SECTION -C

Q.21 What is the name of special shapes given to objects moving in fluids?

Q.22 Why is fine powder sprinkled on the carrom board?

Q.23 If we push a book on the table it stops after some time. why?

Q.24 How does friction depend on the nature of the surface?

Q.25 Why are the soles of shoes and tyres grooved?

Q.26 People often rub their hands in winter why?

Q.27 Which factors affect fluid friction?

Q.28 what are the various causes of friction? Explain in detail.

SECTION -D

Q.29 what do you mean by oscillatory motion?

Q.30 state the difference between ultrasonic and infrasonic sounds?

Q.31 discuss the methods to control noise pollution?

Q.32 what is the property of vibration which determine the each of sound?

Q.33 support a bill is ringing in a vacuum. Will you able to hear the sound?

SECTION -E (PROJECT)

Q.34 students have to prepare a detailed projects reports on Thermal conductivity of metals ,Water purification model, and Rain water harvesting system, Functions of Periscope in a stick file best on ART integration with clearly mention each and every models with the help of some suitable diagrammatic represented model and also the project is well documented.

Students are adviced to prepare any of Two project.

Class 8 Subject-Computer

1. Holy Day Home work-

Making all question answers of lesson 1.

2. Project Work-

Make a Model of computer using Thermocol and other required materials.



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Class:8,Subject :-Geography



Art integrated project work topic-Resources

Content for project work

- 1.what is Resources**
- 2.Types of Resources**
- 3.Distribution**
- 4.Human-Made Resources**
- 5.Human Resources**
- 6.resources conservation**
- 7.conclusion.**

Copy work Questions

- 1.what is sustainable Development?**
- 2.why are human resources important?**
- 3.Differeniate between the**
 - (a) potential and actual resources**
- (4) Draw a soil profile and level them.**



DAV PUBLIC SCHOOL
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Class:8 Subject-History



Art integrated project work social Reformers in india.

- 1.Raja rammohan roy
- 2.ishwar chandra vidysager
- 3.swami dayanand saraswati
- 4.Jyotiba govindrao phule
- 5.Dr B.R Ambedkar
- 6.mahatm Gandhi
- 7Sri Narayana guru

Copy work(questions)

- 1.what is the problem with the peridisation of indian history that James mill offers?
- 2.why did the British preserve offical documents?
- 3.write short notice.
 - (a).Battle of plassey.
 - (b) Battle of buxar.
- 4.what attracted european trading companies to india.
- 5.make the map work given in chapter-2(page-20)
- 6.keywords
 - (a) Mufti
 - (b)Implachment
 - (C)matchlock
 - (d)Dharmshastras
 - (e)merchtile
 - (f)Puppet

DAV public school
Sector 3 Dhurwa Ranchi
affiliated to CBSE (10 + 2)New Delhi
Holiday homework
class 8
subject -Hindi

प्रश्न(1) कला समेकित शिक्षा के आधार पर पाठ -18" सिक्किम की सैर" पर एक सुंदर- सा परियोजना कार्य तैयार करो। (स्टिक फाइल में बनाना है)

(लेखक परिचय- पाठ का सारांश ,धन्यवाद)

प्रश्न (2)एक सुंदर सा पोर्टफोलियो बनाओ।

प्रश्न (3) संज्ञा के लिंग पेज 48 से 49लिखो और याद करो ।

प्रश्न(4) अनेक शब्दों के बदले 1 शब्द लिखो और याद करो। (पेज 158 -159) लिखो और याद करें।

प्रश्न (5)विलोम शब्द 1 से 60 तक लिखो और याद करो। (पेज 155 से 156)

प्रश्न (6) पर्यायवाची शब्द पेज 153- 154(दो -दो शब्द लिखो और याद करो)

प्रश्न (7) निबंध लिखो- समय अनमोल है, लड़का लड़की एक समान

प्रश्न (8) अनौपचारिक पत्र 1,2,3 पृष्ठ संख्या 182 - से 194 तक



DAV PUBLIC SCHOOL DHURWA, RANCHI

Holiday Homework

Class -8 (2023-24)

Subject -Biology.

Q. A. Make a project on:

Topic -Collect some useful plants from a garden.

Dry them in the fold of an old newspaper.

Paste them on drawing sheet. Write their name and uses.

Q. B. Answer the following questions:

1. What are the major groups of microorganism? Draw the diagram.
2. Write 10 uses of microorganism in our life.
3. Name the microorganism which can fix atmospheric nitrogen.
4. Write short notes on the harmful effects of microorganism.
5. Make a table and write about some common diseases caused by microorganism, causative agent, mode of transmission and precaution.

SUBJECT - G.K.

Q. Write and learn : page no.14 Talking about money.

Page no. 22. Name of currency of different countries.

Page no. 24. Flora and fauna of Indian states.

Q. Write the name of different cabinet minister of India .