



Summer break Homework 2017-18

Class 9A

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| English | Read the passage in your text-book on page number 123 and: a) make notes on the important points b) write a summary of the passage Solve the questions in your workbook unit 6, page 48-51. Answer the questions in your note-book |
| English Literature | <ul style="list-style-type: none">• Read a story version of "Macbeth" and write about what you think would have been an alternate ending to the drama.• Complete the 5 worksheets given behind. |
| Maths | <ul style="list-style-type: none">• Previous Year Boards papers (from 2012 to 2016) should be downloaded from the site extreme papers.com and make a spiral file of it. Solve all the taught topic based questions from those papers.• Make a PPT on the disaster held in Uttarakhand after 1960. Data should be prepared on the casualties (Statistical). |
| Physics | <ul style="list-style-type: none">• Download all the CIE papers(0625 , extended, MCQ and ATP) from 2013-2016 and make a folder.• Do the given papers and complete all the questions of Forces and Motion.• Complete all the questions of revision guide from chapter Forces and Motion in your physics notebook. |
| EVM | <ul style="list-style-type: none">• Download all the CIE papers(0680 , extended, MCQ and ATP) from 2012-2016 and make a folder and solve the questions related to Unit 1.• Do the activity Questions of Unit 1 from the textbook. |
| Biology | Complete the worksheet given behind |

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| Chemistry | <ul style="list-style-type: none"> • Download all the CIE papers from 2008-2016 and make a folder. • Do the given papers and complete all the questions of Ch1 to 3. • Complete all the questions of revision guide Ch- 1 to 3. |
| Economics | <ul style="list-style-type: none"> • Pick one commodity/industry and present how factors of production have influenced the production. • Present your view on scarcity in context with supply of electricity in India. • Review budget of 2015-16 and 2016-17. List down the commodities/sectors as opportunity cost in current budget. |
| Hindi | <p>उत्तराखण्ड में आई बाढ़ की विभीषिका को दर्शाते हुए जल त्रासदी के चित्र त्रिपकाकर वर्णन कीजिए और बताइये कि उस समय के नुकसान को पूरा करने के लिए कौन-कौन-से कदम उठाए गए ? आज उस क्षेत्र की क्या स्थिति है ?</p> |
| French | Complete the worksheet given. |
| Accounts | <p>Project -1</p> <ol style="list-style-type: none"> 1. Collect minimum 60 bills of purchase of different household goods. 2. Note down these details in two different formats. One for Expenses and another for Expenditure. Each one of these format should have the columns for Date, Name of the vendor, Bill no., quantity of the items and amount. Make the total for both the tables. <p>Project-2</p> <p>Visit a nearby branch of a bank and collect the following details and write in stick file.</p> <ol style="list-style-type: none"> 1. Write the name and address of the branch and brief history. 2. Collect different types of Pay-in-slips. In a stick file, paste all the pay-in-slips and write 2-3 lines about the use or purpose of that slip. 3. In the same stick file, write the information collected from the bank:- <ul style="list-style-type: none"> • How many different types of deposit accounts have been opened in that branch by the customers? (like saving a/c, current a/c, fixed deposit a/c etc) • What is the total amount of deposits at branch level on the date of your visit? • What is the total amount of advances (loans) at branch level on the date of your visit? • Compile all the data in tabulated form. |
| Spanish | Make a report on Learning Spanish as a foreign language in the schools and universities of Uttarakhand. |

Art

Choose any One

1. 3 stages of any fruit of your choice.(Fresh, Cut and rotten)
2. Patterns (Line, waves or thread).
3. Human hand holding a cup.

Your work will be assessed using the following objectives:

- Gathering, recording, research and investigation
- Development of ideas
- Organization
- Selection of material.
- Presentation.

Compare your work with any renowned artist's style you admire.
Show how inspire you are with that artist.

HOLIDAY HOMEWORK FOR 9A BIOLOGY

Part 3 – Magnification calculations

$$\text{Magnification} = \frac{\text{size of image}}{\text{size of object}}$$



If we give them letter codes we can put them into a formula triangle to help rearrange the formula.

DON'T FORGET TO CONVERT THE UNITS BEFORE YOU DO THE SUM

- 1) An E.coli bacterial cell is $1.5\mu\text{m}$ long in real life. In a micrograph the image is 15mm long. Calculate the magnification used.
 - 2) A palisade leaf cell measures $20\mu\text{m}$ in real life but is drawn as 4cm in a book. What magnification has been used?
 - 3) A micrograph image of a human cheek cell measures 11mm across. The micrograph states that $\times 400$ magnification was used. Calculate the real length of the cheek cell.
 - 4) In order to view an atom with an electron microscope the image must be magnified by 40 million times. The image seen measures 20mm . Calculate the real size of the atom.
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Class 9A Literature

WORKSHEET: STORIES OF OURSELVES (Read the story and complete the worksheet)

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| TITLE OF STORY | No. 2 Edgar Allan Poe, 'The Fall of the House of Usher' |
| ABOUT THE WRITER (Origins, career as writer/ his/her style of writing-150-200 words. | |
| GLOSSARY (meanings of all the difficult words in the story-contextual meaning but not dictionary meaning) | |
| SETTING/ATMOSPHERE OF THE STORY (50 Words) | |
| THEMES OF THE STORY | |
| MOOD OF THE POEM (5-10 words that describe the mood) | |
| TONE OF SPEAKER OR PERSONA (5 words that describe the tone) | |

WORKSHEET: STORIES OF OURSELVES (Read the story and complete the worksheet)

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| TITLE OF STORY | No. 7 Stephen Crane, 'The Open Boat' |
| ABOUT THE WRITER (Origins, career as writer/ his/her style of writing-150-200 words. | |
| GLOSSARY (meanings of all the difficult words in the story-contextual meaning but not dictionary meaning) | |
| SETTING/ATMOSPHERE OF THE STORY (50 Words) | |
| THEMES OF THE STORY | |
| MOOD OF THE POEM (5-10 words that describe the mood) | |
| TONE OF SPEAKER OR PERSONA (5 words that describe the tone) | |

WORKSHEET: STORIES OF OURSELVES (Read the story and complete the worksheet)

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| TITLE OF STORY | No. 8 Edith Wharton, 'The Moving Finger' |
| ABOUT THE WRITER (Origins, career as writer/ his/her style of writing-150-200 words. | |
| GLOSSARY (meanings of all the difficult words in the story-contextual meaning but not dictionary meaning) | |
| SETTING/ATMOSPHERE OF THE STORY (50 Words) | |
| THEMES OF THE STORY | |
| MOOD OF THE POEM (5-10 words that describe the mood) | |
| TONE OF SPEAKER OR PERSONA (5 words that describe the tone) | |

WORKSHEET: STORIES OF OURSELVES (Read the story and complete the worksheet)

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| TITLE OF STORY | No. 23 Alex La Guma, 'The Lemon Orchard' |
| ABOUT THE WRITER (Origins, career as writer/ his/her style of writing-150-200 words. | |
| GLOSSARY (meanings of all the difficult words in the story-contextual meaning but not dictionary meaning) | |
| SETTING/ATMOSPHERE OF THE STORY (50 Words) | |
| THEMES OF THE STORY | |
| MOOD OF THE POEM (5-10 words that describe the mood) | |
| TONE OF SPEAKER OR PERSONA (5 words that describe the tone) | |

WORKSHEET: STORIES OF OURSELVES (Read the story and complete the worksheet)

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| TITLE OF STORY | no. 32 Bernard MacLaverty, 'Secrets' |
| ABOUT THE WRITER (Origins, career as writer/ his/her style of writing-150-200 words. | |
| GLOSSARY (meanings of all the difficult words in the story-contextual meaning but not dictionary meaning) | |
| SETTING/ATMOSPHERE OF THE STORY (50 Words) | |
| THEMES OF THE STORY | |
| MOOD OF THE POEM (5-10 words that describe the mood) | |
| TONE OF SPEAKER OR PERSONA (5 words that describe the tone) | |