



DHAI EDUCATION SYSTEM

SECTOR F DHA PHASE-II ISLAMABAD PK

SECONDARY / A LEVEL SECTION



ACADEMIC YEAR 2019 - 2020

HOME WORK SUMMER VACATION 2020

IGCSE-I/GRADE 8



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HOME WORK SUMMER VACATION
2020

IGCSE-I/GRADE 8

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Homework Instructions:

- 1 Due to variety of subjects' combinations all the subjects are compiled in a single file. Students are advised to do the work of the subjects they are taking in their respective classes.
- 2 Students have to complete their work as per their teachers' instructions.
- 3 The homework is compiled for two complete months; April and May, and the weekly breakup is done.
- 4 Students must submit their work to their respective teachers on given email addresses, already provided in the homework, within following time frames:
N.B: Late submission will not be accepted.
 - First two weeks' work: April 16 to April 19, 2020
 - Second two weeks' work: May 01 to May 05, 2020
 - Next two weeks' work: May 18 to May 20, 2020
 - The last two weeks' work: June 02 to June 05, 2020
- 5 Homework would carry 50% weighting for getting the child promoted into his/her next grade. The other 50% would be taken together from the first and the second term assessments held till the time of school's closure that is March 15, 2020.
- 6 Students are encouraged to contact their teachers for assistance required to do their homework.

Ms Samra Ambreen

HEAD; Secondary/A Level Section



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ENGLISH

INSTRUCTIONS:

- Use A-4 sized colored pastel sheets for Homework.
- If working on MS word use 'New Times Roman' or 'Calibri' with size 11.
- Do the work as per the instructions given.
- Update yourself with the current events by reading the newspaper daily.
- Marks would be awarded on the basis of creativity, presentation, Content Research & timely Submission.
- Reading books is one of the good qualities counted among the students, as it helps one to enhance one's vocabulary and overall proficiency. Students must read these two novels for the reading's project.

- 1) The Alchemist
- 2) Pick any book from the authors "Thomas Hardy" or "Jane Austin"

Read the both the two above given novels.

Write the summary of the novel.

- Pen down the character sketch of the main characters from the novel.
- Pick out at least 40 new words from the Novel; write their meanings & two synonyms each

You have a month's time to complete this task.

For any queries related to the assignment email at

FOR 8 A Zainab.zia@des.edu.pk OR call @ 03354370000

FOR 8 B&C Irum.hafeez@des.edu.pk

Week 1

Q1. Some people claim that not enough waste from home is recycled. They say that the only way to increase recycling is for government to make it a legal requirement.

To what extent do you think laws are needed to make people recycle more of their waste?

Draft an article in 250-300 words. Paste relevant pictures.

Q2. Compose a poem of about twenty lines. Give it an interesting title. Use any rhyme scheme.

You may choose any one of the following topics: (min 10 verses)

1. Family
2. My First Adventure
3. An Unforgettable Experience



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Q3. Speaking skill implies the ways to speak well on the given topic. Much of our success in life depends upon our Speaking skills. So, in order to enhance your speaking skills, prepare an ASL (Assessment of Speaking and Listening).

Record/make an audio clip on any one topic given below.

1. Career guidance should be provided to students from middle school.
2. Description of a pet you own/owned
3. One of your fondest childhood memories.
4. Social activities at school impacts your future ideology.

Time limit is 3 minutes

Q4. Read the attached passage and complete the given question in the following link

<https://www.k12reader.com/worksheet/analyzing-o-pioneers/>.

Week 2

Q1. Write a story about "My Scariest Experience". Describe your entire experience using expressive language and vocabulary for the reader to picture your story in their mind. (500 words)

Q2. Write a short biography on any of the **two** personalities. (700-800 words)

- Abdul Sattar Edhi.
- Imran Khan
- Barack Obama
- Vladimir Putin
- Mark Zuckerberg

Use images, quotes and references.

Q3(a). Make constructive sentences and mention synonyms of the following words.

Stone	Last	Select	Clarify	Raise
Accurate	Infant	Mistake	Near	Connect

(b). Make constructive sentences and mention Antonyms of the following words.

Accidental	Artificial	Floor	Courage	Borrow
Exciting	Centre	Correct	Sharp	Glum

Q4. Read the attached passage and complete the given question in the following link

<https://www.k12reader.com/worksheet/character-development-in-the-tell-tale-heart/>

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Week 3

Q1. Design a Travel Brochure on any of these countries:

- Brazil
- Italy
- Pakistan
- Australia

Mention famous places, events and traditions, use vibrant images. Brochure should cover all tourist attractions. For further guidance check this link. <https://howto.org/make-brochure-for-school/>

Q2. Write a short Description of the following Picture. Mention what impression do you take from this image. (200 words min)



Q3. Write the Homonyms of the following words. Use both in sentences.

Hoarse	Cereal	Aisle	Ware	Flee
Current	Steak	Toe	Hangar	Pale

Q4. Read the attached passage and complete the given question in the following link

<https://www.k12reader.com/worksheet/evaluating-text-my-life/>.

Week 4

Q1. Write a detail account on the life of the writer “Edger Allen Poe” mentioning:

- Early life and education
- Career development
- Famous Projects



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- Family (history/present)
- References.

Q2. Recently you and some other members of your class were chosen to take part in an in a festival. Your Principal is very pleased that you took part. She has asked you to write an article for your school magazine about what you did at the festival.

Write your magazine article. You must include the following:

- Details of the festival and where it was held
- What you and other students do at the festival
- What you feel taking part was a benefit to you and the other students and to your school.

Cover the three points above in detail. You should make sure your article is lively and informative. Start your article with a suitable headline.

You are advised to write between 200 and 300 words.

Q3. Read the poem 'The Men That Don't Fit In' by Robert Service and write down:

- The critical analysis of the poem
- Central idea of the poem

Q4. Read the attached passage and complete the given question in the following link

<https://www.k12reader.com/worksheet/finding-text-evidence-frederick-douglass/>

Week 5

Q1. Write down a diary entry of your visit to 'The Pakistan Monument', describing your experiences of the day.

Q2. Conduct an interview on the given topics with your grandparents and parents, and note the difference in their aspects of life, reasons for generation gap and how does the change in standard of living impacted the quality of life of different generations.

Topics for interview: Living Style / Education

After the interviews, visualize the modern setting and see what type of houses we live in and the standard of education we have. Analyze the difference between the living style / standard of education and note the difference between the three generations.

- Design your own interesting and creative questionnaire on the above mentioned
- topics.
- Submit your interview in writing, make sure to click and paste pictures of the interview

Q3. Solve the given 'Reading Comprehension Passages'

http://thinktankcentre.blogspot.com/2012/02/reading-comprehension-secondary-3_6218.html



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Week 6

Q1. You have decided to write a letter to the local newspaper about problems of traffic in your area.

Write your letter. You must include the following:

- Details of the traffic problem (such as names of specific locations, times of day, types of vehicles and other relevant details) so that the editor and the readers will know what you are concerned about.
- What should be done to solve the problem
- What benefits would come the community

Q2. Watch the movie Oliver Twist and design the cover page with the pictures of your favorite scene from the movie. Then describe your favorite scene in about 300 words

Q3. Write a story which includes the sentence: 'I could not believe how much the place had changed since last year.'

You are advised to write between 350-500 words.

Q4. Solve the given 'Reading Comprehension Passages'

http://thinktankcentre.blogspot.com/2012/02/r-heading-comprehension-secondary-3_07.html

Week 7

Q1. Read the poem 'The Unknown Citizen' by W.H Auden and write down:

- The critical analysis of the poem
- Central idea of the poem

Q2. Write on any one of the following topics:

- Describe some of the passengers and the atmosphere in a crowded bus or taxi. (Remember you are describing the people and atmosphere, not just what happens on the ride.)
- Discoveries
- Being popular brings as many advantages as disadvantages.' What is your opinion?
- Write story which includes the sentence: 'The job was extremely hard and the weather made it more difficult.'

You are advised to write between 350-500 words.

Q3. Make a comic strip of your own or take ideas from any comics you like. Make at least 3 strips.

Q4. Solve the attached 'Reading Comprehension Passages'

(a) http://thinktankcentre.blogspot.com/2013/10/cambridge-igcse-ks3-grade-8-reading_2.html

(b) <http://thinktankcentre.blogspot.com/2013/10/cambridge-igcse-ks3-grade-8-reading.html>

Week 8

Q1. Look at the picture below and write a story that comes to your mind. (350-500 w)



Q2. Design a poster on any of the following topics.

- Clean and Green Planet
- Reading; a lovely hobby
- Volunteering for A better society
- Your favorite movie

Use images, tag lines and captions to make it colorful and interesting.

Q3. Read the attached passage and complete the given question in the following link:

<https://www.k12reader.com/worksheet/whats-the-purpose-fdrs-pearl-harbor-speech/>.

GOOD LUCK!



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MATHEMATICS

Dear students please maintain a separate register for mathematics homework, for further assistance you can contact me by:

Email, mariamshoukat91002@gmail.com

Week 1:

Solve exercise 2D with all of the possible methods (elimination, substitution and graphical) and find out the solution.

Week 2:

Solve exercise 3A (Q # 8 and 9), Exercise 3B [Q # 3 (b, d, g, h)], Q # 4, Q # 5.

Week 3:

Solve Exercise 4 A (Q # 12, 13, 14, 15) all parts.

Week 4:

Solve exercise 4 B applying all appropriate identities.

Note: do not perform arithmetic operations to solve.

Week 5:

Solve exercise 4C (Q # 6, 7, 8, 9)

Week 6:

Do advance level of Exercise 4D+ solve Q # 5 ,6 (all parts)



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Week 7:

Solve Q # 3, 4, 5 of exercise 6 B + Q # 15, 16, 17 of exercise 6C.

Week 8:

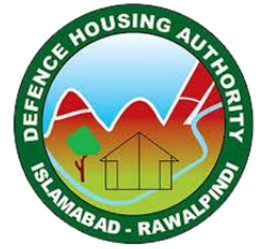
Do the following:

Q # 8 of Ex # 7 A + Q # 3, 4, 5, 6, 7, 8, 9 of EX # 8 B + Q # 8, 9, 11, 12, 13, 14, 16, 17 of Ex # 8 C.



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PAKISTAN STUDIES

HISTORY

Email id: farhat.fazal@des.edu.pk

Cell No: 03235341359

Task 1

- Read book 'Jinnah of Pakistan' by Stanley Wolpert and write a brief account of the following:
 1. Early life of Jinnah and his career
 2. Some evidences of Jinnah's legal and constitutional approach in his conduct

Task 2

- Revise the topics (mentioned in the homework) thoroughly from your classwork notebooks, notes and the textbook History and Culture of Pakistan by Nigel Kelly
- Solve written assignments given in the homework.
- In case of any difficulty you can contact me.

APRIL

Week 1 (1st to 3rd)

- Reformers
- Written assignment (Why did Shah Wali Ullah translated the Holy Quran into Persian? 7marks)

Week 2 (6th to 10th)

- EIC, Decline of Mughals,
- Why was Aurangzeb unpopular by the end of his rule? 7marks

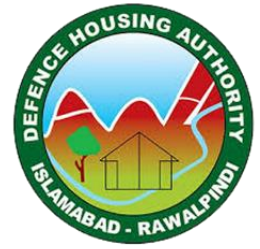
Week 3 (13th to 17th)

- WOI, Sir Syed



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- Written Assignment : How successful was the Aligarh movement of Sir Syed for Muslims' Revival in the Sub Continent? 14marks

Week 4

- INC, POB, Simla Deputation, ML, 1909, Reversal of POB
- Written Assignment: Why was Bengal partitioned?

Week 5

- 1916 to 1924
- Written Assignment: Why was the Lucknow Pact signed? 7marks

MAY

Week 1

- 1927 to 1930
- Written Assignment: List down successes and failures of the three RTCs

Week 2

- 1935 Act,
- 1937 election

Week 3

- Congress Rule , 1939 DOD
- Written Assignment: Why was Congress Rule hated by the Muslims? 7marks

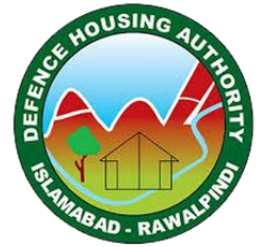
Week 4

- 1940 Pakistan Resolution 1940
- Written Assignment: Describe the Pakistan Resolution? 4marks



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GEOGRAPHY

Email id: kiran.nawaz@des.edu.pk

Cell No: 03485070592

● The Environment Of Pakistan

WEEK	TASK	SUGGESTED WEBSITES
WEEK 1	<ul style="list-style-type: none">➤ Practice map-skills Name and label human and physical features on map e.g. Tropic of Cancer, latitudes 30°N, 36°N, longitudes 64°E, 70°E, 76°E, Arabian Sea, countries sharing a border with Pakistan, provinces, specific cities, specified landforms, specific rivers, deserts.➤ Collect variety of photographs, pictures or drawings of Balochistan Plateau, Sulaiman Range, Safed Koh, Potwar Plateau, Salt Range, Hindu Kush, Karakoram and Himalaya mountain ranges, River Indus, Jhelum, Chenab, Ravi, Sutlej, Kabul, Hab and Dasht, Thar, Thal and Kharan Deserts. (You can prepare presentation minimum 10 slides)	<p>www.mapsofworld.com/pakistan/ https://geology.com/world/pakistan-satellite-image.shtml www.mapsofworld.com/lat_long/pakistan-lat-long.html</p> <p>http://clipart-library.com/pakistan-map-outline.html</p> <p>Both websites have a variety of maps of Pakistan including blank map outlines which can be printed off and labelled by learners.</p> <p>www.cknp.org/cms/nature-research/park-environment/mountain-range/ has pictures of mountains.</p> <p>www.havelian.net/page/Pictures-of-Rivers-Of-Pakistan/1082 has pictures of Pakistan rivers.</p> <p>www.mtholyoke.edu/~mirza20s/classweb/wp-website/balochistan.html has pictures of Pakistan deserts.</p>



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WEEK 2	<ul style="list-style-type: none"> ➤ Describe the formation of monsoon, depressions and convectional rainfall. Explain the factors contributing to temperature and rainfall including depressions, thunderstorms and cyclones. You can draw diagrams or prepare slides to show the causes of the monsoon. ➤ Explain the characteristics of the arid, semi-arid, humid and highland regions and the seasonal variations. Explain the influence of latitude and longitude on day length and climate. 	<p>www.pakistantoday.com.pk/2018/08/27/explainer-what-causes-the-monsoon-rains/</p> <p>www.slideshare.net/Arifamuhib1/climate-and-weather-of-pakistan</p> <p>www.climateandweather.net/global-warming/factors-that-influence-climate.html</p>
WEEK 3	<ul style="list-style-type: none"> ➤ On the map locate and label the Mangla, Tarbela and Warsak dams. Also label barrages e.g. Marala, Rasul, Quadirabad, Jinnah, Chashma, Taunsa, Guddu, Sukkur, Kotri. ➤ Describe what the Indus Water Treaty is, why it was put in place and the consequences of the Treaty on people, the economy and the environment. Consequences should cover both positive and negative ideas. You could complete a table showing the positive and negative impacts of the treaty. ➤ Research the ways in which people living in Pakistan can conserve water and produce a leaflet to provide advice to people about how to save water. Discuss steps that water companies, industry and agriculture can also take to reduce water use, e.g. repairing leaks, methods of irrigation, recycling, overcoming water logging and salinity, silting of dams. 	<p>www.britannica.com/topic/Indus-Waters-Treaty</p> <p>www.worldbank.org/en/region/sar/brief/fact-sheet-the-indus-waters-treaty-1960-and-the-world-bank</p>
WEEK 4	<ul style="list-style-type: none"> ➤ Locate and label the different forest types on the map. You could shade the areas where different types of forests grow and add a key. ➤ Explain the impact of deforestation on people, the environment and economic development. Use website research to write diary entries for different people around Pakistan to show how deforestation has impacted upon their lives and / or how afforestation schemes have been introduced and how this has changed their lives. Discuss sustainability. ➤ Make notes about different afforestation schemes and also ways in which forests can aid future economic development using website reference. 	<p>www.slideshare.net/RoyalKing3/forests-of-pakistan-importance-types-causes-and-effects-92558506</p> <p>www.pakistanpaedia.com/land/Geo_7.html</p> <p>www.aljazeera.com/news/2018/06/gold-pakistan-plants-hundreds-millions-trees-180626095806407.html</p>
WEEK 5	<ul style="list-style-type: none"> ➤ On the map of Pakistan locate and label the main locations where the following minerals are found: limestone, gypsum and rock salt. Describe what they are used for. ➤ Create a table showing the main imported minerals to Pakistan, 	<p>www.slideshare.net/junaidhassansheiks/mineral-resources-of-pakistan?next_slideshow=1</p>



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	<p>the name of the country from where they come and the quantity in which they import them.</p> <ul style="list-style-type: none"> ➤ Complete a base map showing the names and locations of the countries from which Pakistan imports the minerals from. Use the internet for up to date information. ➤ Research on Pakistan's top 10 mineral imports, quantities and locations. 	<p>www.quora.com/How-rich-is-Pakistan-in-terms-of-Natural-Resources</p>
WEEK 6	<ul style="list-style-type: none"> ➤ Create a table to show the fishing methods used in marine and inland waters, including fish farms, and provide a description of each of the methods used e.g. subsistence, commercial, use of boats, nets etc. <p>Note:(Produce a table with three columns and name the examples of fish caught in marine waters and those caught in inland waters and those reared on fish farms.)</p> <ul style="list-style-type: none"> ➤ On the map of the Balochistan and Sindh coastline locate and label the fishing ports along the coast. ➤ Research for up to date information on the fishing methods used, technological developments that aid the fishing industry and how the industry can be further developed in a sustainable way in Pakistan. Write a report on your findings. This should cover marine, inland and fish farms. 	<p>www.pakistanfishing.com/fishing-info/fishing-industry-in-pakistan</p> <p>www.slideshare.net/zafarsst/fishing-industry-of-pakistanpptnew</p> <p>www.ipsnews.net/2014/11/inside-pakistans-untapped-fishing-industry/</p> <p>www.slideshare.net/RoyalKing3/fishing-industrypakistan</p>
WEEK 7	<ul style="list-style-type: none"> ➤ Do internet research to find up to date information on current developments in Pakistan of a variety of power sources being used and / or development, their location, cost and benefits. ➤ Produce a table showing the areas that produce natural gas and how much is produced in each area. Add another column to show how long each reserve is likely to last for. 	<p>https://energypedia.info/wiki/Pakistan_Energy_Situation</p> <p>www.technodoze.com/energy/energy-sources-available-in-pakistan.html</p> <p>www.sciencedirect.com/science/article/pii/S1364032116302301</p>
WEEK 8	<ul style="list-style-type: none"> ➤ Draw a systems diagram for each type of farming to show the inputs, processes and outputs, identifying the physical (natural) inputs and the human inputs. Describe and explain each system. ➤ Identify and locate on a base map of Pakistan the main areas where cotton, rice, sugar-cane and wheat are grown. Also identify and locate on a base map of Pakistan the main areas where buffalo, goats, sheep and poultry are reared. ➤ Make a table to show crop type and main uses of each crop. ➤ Make a table listing the livestock, state the products from each type of livestock and then add another column to list the uses of those products. 	<p>www.nationsencyclopedia.com/economies/Asia-and-the-Pacific/Pakistan-AGRICULTURE.html</p> <p>www.slideshare.net/Qalandar7869/agriculture-of-pakistan-56233503</p> <p>www.ukessays.com/essays/economics/importance-of-agriculture-in-pakistans-economy-and-development-economics-essay.php</p>



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URDU

Contact information

Teacher: Ms Kishwar tassadauq
Contact number: 03215356796
Email: Kishwar.tassadauq@des.edu.pk

اپریل 2020

پہلا ہفتہ (1 تا 3 اپریل)

اردو قواعد	اردو ادب
کوئی سے پانچ محاورات کے جملے کاپی پر بنائیں۔ (سبق میں سے ڈھونڈ کر)	سبق (سیر لندے بازار کی) کا خلاصہ کاپی پر تحریر کریں - (100 الفاظ) نمبر 5

دوسرا ہفتہ (6 اپریل تا 10 اپریل)

اردو قواعد	اردو ادب
(ذخیرہ ، جماعت، مسلمان، احساس ، شرکت، بساط، زمین) کے جملے کاپی پر تحریر کریں۔ تاکہ مذکر مونث واضح ہو جائیں۔ نمبر 7	سبق (تحریک پاکستان میں طلباء کا کردار) پڑھیں اور الفاظ معانی اور سوال جواب (اردو اے) کاپی پر تحریر کریں۔ (صفحہ 130-146)



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تیسرا ہفتہ (13 اپریل تا 17 اپریل)

اردو ادب	اردو قواعد
سبق : تحریک پاکستان سوال نمبر 2 تمام الفاظ کے جملے کا پی پر بنائیں۔ (صفحہ 130)	مضمون (ہمسائیوں کے حقوق) کاپی پر تحریر کریں۔ نمبر 10

چوتھا ہفتہ (20 تا 24 اپریل)

اردو ادب	اردو قواعد
سبق: (خانساماں) کی مکمل پڑھائی کریں اور الفاظ معانی کاپی پر کریں۔ (صفحہ 146)	مندرجہ ذیل الفاظ کا املا کاپی پر تحریر کریں۔ جمعراط مسروف۔فظول۔زروری۔خد۔ نمبر 5

پانچواں ہفتہ (27 اپریل تا 1 مئی)

اردو ادب	اردو قواعد
سبق: (خانساماں) کے پہلے 5 سوال کاپی پر تحریر کریں۔ نمبر 5	مندرجہ ذیل محاورات کے معانی اور جملے کاپی پر کریں۔ باغ باغ ہونا۔ جان میں جان آنا۔ رفو چکر ہونا۔ زخموں پر نمک چھڑکنا۔ گن گانا

چھٹا ہفتہ (4 مئی تا 8 مئی)

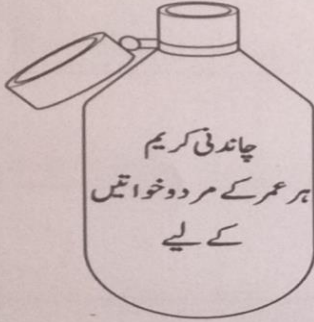
اردو قواعد	اردو ادب
اشتبہار کاپی پر تحریر کریں۔ نمبر 6	سبق: (خانساماں) کی مشق سے سوال 6 کاپی پر کریں۔ (صفحہ 135)

مندرجہ ذیل اشتہار کو غور سے پڑھیں اور دوسرے صفحے پر دیئے گئے سوالات کے جواب لکھیں۔

Questions 1-6

سوال نمبر: 1 تا 6

تمام عمر کی عورتوں اور مردوں کے لیے ایک خوش خبری۔ چاند کمپنی نے آپ کے چہرے سے متعلقہ پریشانیوں کا حل تلاش کر لیا۔
قدرتی چیزوں سے بنائی گئی چاندنی کریم!



- ہلدی
- لیپوں کارس
- نارنگی کا چھلکا
- شہد
- گلاب کے پھول کارس

عمدہ اور اچھی کریم کئی خوبیوں کے ساتھ نہایت سستی قیمت پر خریدیں۔
استعمال کریں اور اس کا کمال دیکھیں!

- داغ اور دھبے دور کرے
- کیل مہاسوں سے نجات دلائے
- عمر کے ساتھ بڑنے والی جھریوں سے بچائے
- جلد کو گرمی اور سردی سے محفوظ رکھے۔

شادابی چہرے کو رکھے قائم
جلد کو بنائے نرم اور ملائم

500 ملی گرام بوتل کی قیمت صرف 800 روپے۔ جشن بہاراں کے موقع پر خاص پیشکش اور رعایت ایک بوتل خریدنے پر دوسری بالکل مفت۔ فی الحال یہ کریم شہر کے کسی بھی جنرل سٹور سے نہیں مل سکتی۔ آپ صرف ہماری کمپنی کی ویب سائٹ سے ہی خرید سکتے ہیں۔ ہمارے ویب ایڈریس سے آج ہی خریدیں اور ”چاندنی“ کو آزمائیں۔



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پچھلے صفحے پر دیئے گئے اشتہار کو پڑھ کر درج ذیل سوالات کے جواب لکھیں۔

1 چاندنی کریم کن لوگوں کے لیے ہے؟

[1]

2 کریم میں استعمال ہونے والے کسی ایک رس کا نام بتائیں۔

[1]

3 چاندنی کریم کا استعمال آپ کو کیسے جو ان رکھ سکتا ہے؟

[1]

4 ایک شیشی کی اصل قیمت کیا ہے؟

[1]

5 رعایت کی خاص وجہ کیا ہے؟

[1]

6 کریم خریدنے کا کیا طریقہ ہے؟

[1]

[Total: 6]

ساتواں ہفتہ (11 تا 15 مئی)

اردو قواعد

قواعد کی کاپی پر فارم پُر کریں۔

نور جہاں

نور جہاں 21 ستمبر 1928ء کو قصور شہر (موجودہ پاکستان) میں پیدا ہوئیں۔ گھریلو نام اللہ وسائی تھا۔ ان کا گھر انہ موسیقی اور گانے بجانے سے وابستہ تھا اس لئے ان کے گھر والوں نے انہیں بھی موسیقی کی تعلیم حاصل کرنے کیلئے استاد کے پاس بٹھادیا۔ جبکہ نور جہاں ذاتی طور پر اداکاری کرنے کو پسند کرتی تھیں۔ استاد بابا غلام محمد سے موسیقی کی تربیت حاصل کی انہیں کلاسیکی اور روایتی ہندوستانی موسیقی کی خصوصی طور پر تربیت دی گئی تھی ان کو شہری، دھرپد، خیال اور دیگر اصناف موسیقی پر چھوٹی عمر میں ہی عبور حاصل ہو چکا تھا۔ کم سنی میں ہی اسٹیج پر اداکاری اور گلوکاری کا مظاہرہ کیا۔ بعد ازاں اپنی بہنوں کے ساتھ کلکتہ چلی گئیں اور فلم پنجاب میل میں اداکاری اور گلوکاری کی۔ کلکتہ میں قیام کے دوران ان کی ملاقات اپنے وقت کی معروف گلوکارہ مختار بیگم سے ہوئی۔ مختار بیگم کو اللہ وسائی بہت پسند آئی انہوں نے اللہ وسائی کا نام بے بی نور جہاں تجویز کیا اور اپنے شوہر آغا حشر کاشمیری کو سفارش کی کہ وہ بے بی نور جہاں کو اپنے تھیٹر میں ملازم رکھیں۔ نور جہاں نے خود بھی بارہا اپنے مختلف انٹرویوز میں اعتراف کیا ہے کہ وہ مختار بیگم کی مداح ہیں اور ان کے انداز کو نقل کرتے ہوئے سفید ساڑھی پہن کر انہی کی طرح ساڑھی کا پلو انگلی پر لپیٹتی ہیں۔ نور جہاں کی بہنوں کو سیٹھ سکھ کر نانی کی کمپنی میں ملازمت مل گئی۔ اور تینوں بہنیں پنجاب میل کے نام سے مشہور ہوئیں۔ نور جہاں نے کافی فلموں میں بچپن کے کرداروں کیلئے اداکاری بھی کی۔ جیسا کہ 1935ء میں کے ڈی مہرہ کی فلم پنڈ دی کڑی، فلم مصر کا ستارہ 1936ء کیلئے گائیکی واداکاری بھی کی۔ 1937ء میں فلم ہیر سیال میں نور جہاں نے ہیر کے بچپن کا کردار بھی ادا کیا۔ کلکتہ میں کچھ عرصہ قیام کے بعد نور جہاں لاہور واپس آ گئیں۔ ماسٹر غلام حیدر نے ان کے لئے بہت سی دھنیں ترتیب دیں جنہیں گا کر نور جہاں کی شہرت میں مزید اضافہ ہوا۔ نور جہاں نے پہلی بار سیٹھ دل سکھ جو پتھولی سٹوڈیوز کے مالک تھے کی فلم گل بکاؤلی کیلئے گیت گایا۔ نور جہاں نے 1942ء میں پران کے مد مقابل فلم خاندان میں مرکزی کردار ادا کیا۔ بطور مرکزی اداکارہ یہ فلم نور جہاں کی اولین فلم تھی جو کامیابی سے ہمکنار ہوئی۔ بعد ازاں نور جہاں نے 1943ء میں بننے والی فلم دہائی کیلئے گیت گائے۔ یہ دوسری بار تھا کہ نور جہاں نے اپنی آواز کسی دیگر اداکارہ کیلئے دی۔ پہلی شادی سید شوکت حسین رضوی سے ہوئی جو کہ ایک اداکار اور ہدایتکار تھے۔ سید شوکت حسین رضوی سے نور جہاں کی ایک بیٹی اور دو بیٹے تھے۔ بیٹوں کا نام اکبر رضوی اور اصغر رضوی جبکہ بیٹی کا نام نمل ہما ہے۔ اکبر، اصغر رضوی اور بیٹی نمل ہما کا انتقال ہو چکا ہے۔ شوکت حسین رضوی سے طلاق لیکر نور جہاں نے بچے اپنے پاس رکھ لئے۔ رضوی سے طلاق کے بعد نور جہاں نے دوسری شادی پاکستانی فلموں کے اداکار ارجاز درانی سے کی۔ نور جہاں کے ایک قدر دان نے کیا خوب لکھا تھا کہ پاکستانی فلمی صنعت کے نصف گانے نور جہاں نے گائے ہیں اور نصف سنے ہیں اس سے اندازا کیا جاسکتا ہے کہ نور جہاں پاکستانی فلمی صنعت کیلئے کس قدر اہمیت کی حامل تھیں۔ نور جہاں نے زیادہ تر گانے انفرادی طور پر گائے اور کئی مرد گلوکاروں اور زنانہ گلوکاروں کے ساتھ بھی گائے گائے ہیں جن میں رونالیلی، ناہید اختر، فریدہ خانم، مہناز



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اوپر دیے گئے پیراگراف کو پڑھیں اور فارم پُر کریں۔

1۔ پیشہ : ----- (1)

2۔ لقب : ----- (1)

3۔ گھریلو نام: ----- (1)

4۔ شوکت رضوی کا پیشہ : ----- (1)

5۔ موسیقی کی تربیت کس سے حاصل کی ؟ -----
(1)---

6۔ فلم "پنڈ دی کڑی" کب ریلیز ہوئی؟ صحیح خانے میں ٹک کا نشان لگائیں۔

	1937		1936		1935
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اٹھواں ہفتہ (18 مئی تا 29 مئی)

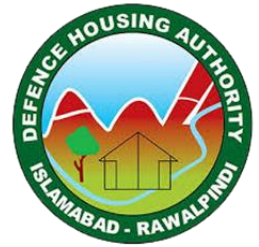
اردو قواعد	اردو ادب
مضمون (جسمانی ورزش کی اہمیت) (اردو بی) کاپی پر تحریر کریں۔	نظم (وطن کے لئے دعا) پڑھیں اور الفاظ معانی کاپی پر تحریر کریں۔ صفحہ 146 نظم (وطن کے لیے دعا) کا خلاصہ کاپی پر تحریر کریں۔ نمبر 5

ختم شد



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ISLAMIYAT

Subject Teacher: Ms. Humaira Safwan

Contact: 0337 9206325

Email: humaira.safwan@des.edu.pk

Folder Link: https://drive.google.com/drive/folders/1iMWLyp6JpZ-3cS2gfwCVEksruG_8tE9y?usp=sharing

Study Section "The Rightly Guided Caliphs" very carefully from your book and answer the following questions:

(**Note:** Answer the questions in a separate note-book, this work will be marked and added in your first monthly test of Grade 9.)

Week 1

Paper 2

Section 7: Rightly Guided Caliphs

Hazrat Abu Bakr (632-634 A.D)

Q 1.

- Write an account of the campaign led by Abu Bakr R.A against the tribes refusing to pay zakat.
- How important in your view was this campaign against the tribes refusing to pay zakat.

Q 2.

- Write a detailed account of Abu Bakr's R.A achievements as Caliph.
- What was the significance of his actions dealing firmly with the apostate tribes.

Week 2

Paper 2

Section 7: Rightly Guided Caliphs

Hazrat Umar R.A (634-644 A.D)

Q 3.

- 'The conquest of Persia was one of Umar's R.A great achievements'. Write an account of any two battles fought with the Persians during his caliphate.
- Say which in your opinion was the most significant of the battles fought under Umar R.A against the Persians and why.

Q 4.

- Give an account of the following two battles during the rule of Hazrat Umar
 - Battle of Qadisiya
 - Battle of Nahawand
- Was Umar better as a military leader or as an administrator.



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Week 3

Paper 2

Section 7: Rightly Guided Caliphs Hazrat Umar R.A (634-644 A.D)

Q 5.

- Write an account about the battle of Yarmuk fought during the caliphate of Umar R.A.
- 'Umar's unbending attitude led to his assassination'. What can Muslims learn from this.

Q 6.

- 'Umar's caliphate is regarded as a golden era in Islamic history'. Write an account of how Hazrat Umar ruled during his ten years caliphate.
- What do you think was Umar's greatest achievement during his rule. Explain why you think so.

Week 4

Paper 2

Section 7: Rightly Guided Caliphs Hazrat Uthman R.A (644-656 A.D)

Q 7.

- Outline the charges levelled against Hazrat Uthman R.A by his opposition and describe the main events of the revolt against him.
- What do you think was the most harmful outcome of Hazrat Uthman's assassination.

Q 8.

- Write in detail about the policy followed by Hazrat Uthman R.A as caliph in expanding and maintaining the state.
- How justified were the criticisms against Hazrat Uthman R.A for burning the copies of Quran. Give reasons of your answer.



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Week 5

Paper 2

Section 7: Rightly Guided Caliphs Hazrat Ali R.A (656-661 A.D)

Q 9.

- a) Hazrat Ali's policy of changing the governors appointed by Hazrat Uthman led a lot of problems for him. Outline
 - i. His reasons for making these changes
 - ii. The effect of his policy
- b) 'Ali was a strong caliph'. Give reasons to agree or disagree with this statement.

Q 10.

- a) Which important battles were fought during the caliphate of Ali. Write a descriptive account of each.
- b) 'Ali was the right ruler of time'. Briefly discuss the statement.

Week 6

Paper 2

Section 7: Rightly Guided Caliphs Hazrat Ali R.A (656-661 A.D)

Q 11.

- a) Mu'awiyah was opposed to Ali's caliphate. Give reasons for his opposition and write an account of the battle of Siffin which resulted from his opposition.
- b) In your opinion what was the most serious consequence of the outcome of this battle. Give reasons for your answer.

Q 12.

- a) How did the arbitration following the battle of Siffin lead to the emergence of Kharijites.
- b) The Kharijites were the main reason for Ali not winning the battle of Siffin. Do you agree or disagree. Give reasons to support your answer.



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Week 7

Paper 2

Section 7: Rightly Guided Caliphs

Revision of Hazrat Abu Bakr and Hazrat Umar R.A

Q 13.

- Write a detailed account of the four false prophets, and how the caliph Abu Bakr R.A defeated them.
- The Holy Prophet (SAWW) called Abu Bakr al-Siddiq (Testifier of the truth). How did Abu Bakr live up to his title during his caliphate.

Q 14.

- Hazrat Umar made several administrative reforms during his ten year caliphate. Write an account of at least five of them and say how these reforms helped make his rule so admirable.
- Which in your opinion was Umar's greatest quality as caliph? Give reasons for your choice.

Week 8

Paper 2

Section 7: Rightly Guided Caliphs

Revision of Hazrat Uthman R.A and Hazrat Ali R.A

Q 15.

- Give an account of;
 - The election of caliph Uthman R.A
 - The compilation of Quran that took place during his caliphate
- Three of the four rightly guided caliphs were martyred for the decisions they made. Can Muslim leaders learn anything from this. Give reasons for your answer.

Q 16.

- Write an account of the events that resulted from the opposition of Talha R.A and Zubair R.A to Ali R.A.
- Explain why you think Amir Mu'awiya refused to step down from the governorship of Syria at Hazrat Ali's R.A request.



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BIOLOGY

Contact information

Teacher: Maimona Imran
Contact number: 03222222572
Email: imranmaimona@gmail.com

Week 1

1. Transport in plants

- State the functions of xylem and phloem.
- Identify the position of xylem and phloem as seen in sections of roots, stems and leaves, limited to non-woody dicotyledonous plants

2 Water uptake

- Identify root hair cells, as seen under the light microscope, and state their functions.
- Explain that the large surface area of root hairs increases the rate of the absorption of water by osmosis and ions by active transport.
- State the pathway taken by water through root, stem and leaf as root hair cell, root cortex cells, xylem and mesophyll cells.
- Investigate, using a suitable stain, the pathway of water through the above ground parts of a plant.

Week 2

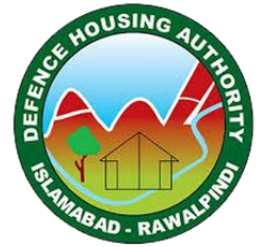
3 Transpiration

- State that water is transported from the roots to leaves through the xylem vessels.
- Define transpiration as loss of water vapour from plant leaves by evaporation of water at the surfaces of the mesophyll cells followed by diffusion of water vapour through the stomata.
- Explain how water vapour loss is related to the large surface area of cell surfaces, interconnecting air spaces and stomata.
- Explain the mechanism by which water moves upwards in the xylem in terms of a transpiration pull that draws up a column of water molecules, held together by cohesion.



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- Explain how and why wilting occurs.
- Investigate, describe and explain the effects of variation of temperature and humidity on transpiration rate.

Week 3

4. Translocation

- Define translocation in terms of the movement of sucrose and amino acids in phloem: o from regions of production (source) o to regions of storage OR to regions where they are used in respiration or growth (sink)
- Explain that some parts of a plant may act as a source and a sink at different times during the life of a plant.

2.1 Respiration

- State the uses of energy in the body of humans: muscle contraction, protein synthesis, cell division, active transport, growth, the passage of nerve impulses and the maintenance of a constant body temperature.
- State that respiration involves the action of enzymes in cells

Week 4

Aerobic respiration

- Define aerobic respiration as the chemical reactions in cells that use oxygen to break down nutrient molecules to release energy.
- State the word equation for aerobic respiration as glucose + oxygen → carbon dioxide + water.
- State the balanced chemical equation for aerobic respiration as $C_6H_{12}O_6 + 6O_2 \rightarrow 6CO_2 + 6H_2O$.
- Investigate the uptake of oxygen by respiring organisms, such as arthropods and germinating seeds
 - Investigate the effect of temperature on the rate of respiration of germinating seeds



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Week 5

Anaerobic respiration

- Define anaerobic respiration as the chemical reactions in cells that break down nutrient molecules to release energy without using oxygen.
- State the word equations for anaerobic respiration in muscles during vigorous exercise (glucose → lactic acid) and the microorganism yeast (glucose → alcohol + carbon dioxide).
- State the balanced chemical equation for anaerobic respiration in the microorganism yeast as $C_6H_{12}O_6 \rightarrow 2C_2H_5OH + 2CO_2$.
- State that anaerobic respiration releases much less energy per glucose molecule than aerobic respiration.

Week 6

- State that lactic acid builds up in muscles and blood during vigorous exercise causing an oxygen debt.
- Outline how the oxygen debt is removed during recovery, limited to:

Anaerobic or aerobic respiration of lactic acid in the liver continuation, after exercise, of fast heart rate to transport lactic acid in blood from muscles to the liver or continuation, after exercise, of deeper breathing supplying oxygen for aerobic respiration of lactic acid.

Week 7 & 8

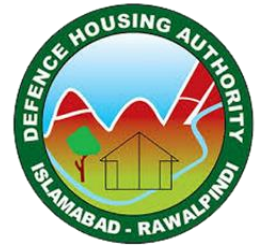
Do all topic questions (MCQ ,THEORY) of above both chapters (Transport in plants,Respiration from this website

<https://www.savemyexams.co.uk/igcse-biology-cie-new/topic-questions/>



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2020

COMPUTER SCIENCE

Contact information

Teacher: Asifa Ahmed
Contact number: 03215077766
Email: Asifa.ahmed@des.edu.pk

Data Representation

WORKSHEET NO.1

Date: _____

Q.1 Match items in the left column with the appropriate term in the right column

1.	The largest value I can store in a byte	a.	Binary
2.	Another name for base 10	b.	130
3.	The number 7 in binary	c.	16
4.	The decimal number 32 in hex is...	d.	0100
5.	Hexadecimal refers to base	e.	Denary
6.	In hexadecimal the character 'D' is...	f.	8
7.	All data inside a computer is stored as	g.	20
8.	Binary 1000 0010 in decimal	h.	0111
9.	The number of bits in a byte	i.	13
10.	Finish the sequence: 0001, 0010, 0011	j.	255



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Memory and storage

WORKSHEET NO.2

Date: _____

Q.1 Computing devices are made up of many different types of internal components that hold, manipulate or transmit data.

(a) Name the component that holds instructions and data for programs waiting to be run by the CPU.

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(b) Identify the type of memory used to make up for the difference in speed of two internal components.

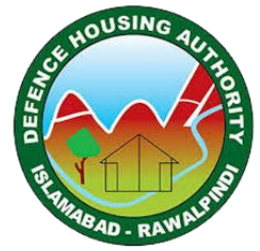
- A ROM
- B Cache
- C Virtual
- D Non-volatile

(c) The ASCII code for the character 'D' is 68 in denary.
Derive the ASCII code for the character 'J' in denary.



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(d) Storage capacities and network data speeds require measurements.

(i) The capacity of some storage media is measured in bytes.

Calculate how many bytes there are in **three** kilobytes of disc storage.

.....
.....
.....
.....
.....
.....

ii) Calculate how many bits are being transmitted per second for a network described as **three** Mbps.



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Logic gates and logic circuits

WORKSHEET NO.3

Date: _____

Q.1 (a) Signals are sent to and from the components of a processor using buses. Identify and describe the purpose of two different buses.

Bus1: _____

Purpose: _____

Bus2: _____

Purpose _____

(b) To process an instruction, a central processing unit (CPU) goes through a cycle that has three main stages. Name each stage in this cycle.

(c) Selma writes the following four answers in her Computer Science examination. State which computer terms she is describing. "It is a signal. When the signal is received it tells the operating system that an event has occurred." Selma is describing

.....

"It takes source code written in a high level language and translates it into machine code. It translates the whole of the source code at once." Selma is describing

.....



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“The part of the central processing unit (CPU) that carries out calculations.” Selma is describing

“When data is transmitted, if an error is detected in the data received a signal is sent to ask for the data to be retransmitted. This continues until the data received is correct.” Selma is describing

Q.2 Complete the sentences in Kelvin’s answer, using the list given. Not all items in the list need to be used.

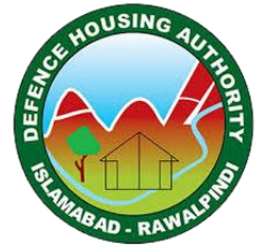
- Accumulator (ACC)
- address bus
- arithmetic logic unit (ALU)
- Control unit (CU)
- data bus
- executed
- fetches
- Immediate access store (IAS)
- memory address register (MAR)
- Memory data register (MDR)
- program counter (PC)
- saved
- transmits

The central processing unit (CPU) the data and instructions needed and stores them in the to wait to be processed. The holds the address of the next instruction. This address is sent to the The data from this address is sent to the The instruction can then be decoded and Any calculations that are carried out on the data are done by the During calculations, the data is temporarily held in a register called the



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Q.3 A section of computer memory is shown below:

Address	Contents
1000 0000	0110 1110
1000 0001	0101 0001
1000 0010	1000 1101
1000 0011	1000 1100
1000 1100	
1000 1101	
1000 1110	
1000 1111	

(a) (i) The contents of memory location 1000 0001 are to be read. Show the contents of the Memory Address Register (MAR) and the Memory Data Register (MDR) during this read operation:

MAR

--	--	--	--	--	--	--	--

MDR

--	--	--	--	--	--	--	--

(ii) The value 0111 1001 is to be written into memory location 1000 1110. Show the contents of the MAR and MDR during this write operation:

MAR

--	--	--	--	--	--	--	--

MDR

--	--	--	--	--	--	--	--



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(iii) Show any changes to the computer memory following the read and write operations in part (a)(i) and part (a)(ii).

Address	Contents
1000 0000	0110 1110
1000 0001	0101 0001
1000 0010	1000 1101
1000 0011	1000 1100
┌ ├ └	┌ ├ └
1000 1100	
1000 1101	
1000 1110	
1000 1111	

(b) Name three other registers used in computers.



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PHYSICS

Instructions for Homework task:

- Do all homework in neat copies.
- Week should be mentioned on top as heading.
- Complete questions should be written with the answers.
- Homework will be assessed in first week of June and carry 50% weightage for the student to get promoted to the next grade.
- If find any difficulty, feel free to contact at 03318166144 OR niazishibli@gmail.com.
- Kindly acknowledged after receiving homework on email.

Homework schedule for April	Homework task
Week 1	Define physics. Write TEN branches of physics. What are the SEVEN basic physical quantities? Write the SI units as well. /5
Week 2	Differentiate the following examples. Distance and displacement, Speed and velocity /5
Week 3	Define acceleration, uniform acceleration, what is the difference between positive and negative acceleration. Draw distance-time graphs for uniform speed and when the object is at rest. Draw velocity-time graph for uniform and non-uniform acceleration. State Newton laws of motion with examples. Define inertia with example. /10
Week 4	Define density, what is the density of water, ice, mercury, air and steel? Define force and weight, what are the parallel and non-parallel forces, how forces can be added? /5



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Homework schedule for May	Homework task
Week 1	<p>What is moment of force; define equilibrium, what are the conditions for equilibrium, what is Hooke's law?</p> <p>Define momentum, what is law of conservation of momentum, derive the equation between force and momentum /5</p>
Week 2	<p>Define energy, what is SI unit of energy, write Ten forms of energy, what is the difference between kinetic and potential energy, what is renewable and non-renewable energy and write down its sources as well. /5</p>
Week 3	<p>State law of conservation of energy, what type of energy transformation takes place in hydropower plant?</p> <p>What is power, what are the units of power, and what is efficiency? /5</p>
Week 4	<p>Define pressure, state Pascal's Principle, derive the expression for liquid pressure.</p> <p>What is kinetic molecular theory? Write the properties of solid, liquid and gas. /10</p>



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SECONDARY / A LEVEL SECTION

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CHEMISTRY

Instructions for Homework task:

- Do all homework in neat copies.
- Week should be mentioned on top as heading.
- Complete questions should be written with the answers.
- Homework will be assessed in first week of June and carry 50% weightage for the student to get promoted to the next grade.
- If find any difficulty, feel free to contact at 0334-9757574 OR sitwatchughtai1@gmail.com.
- Kindly acknowledged after receiving homework on email.

Homework schedule for April	Homework task
Week 1	Q.1 (a) Define an element and a compound. (b) Summaries the differences between the three states of matter in terms of the arrangement of the particles and their movements. /5
Week 2	Q 1 (a) Which gas diffuses faster, ammonia or hydrogen chloride? Briefly describe an experiment that demonstrates this difference. (b) Write down the factors which affect the rate of diffusion. /5
Week 3	Answer the following questions. Q.1 How does molten sodium chloride conduct electricity but solid sodium chloride does not conduct electricity? Q.2 Why can graphite conduct electricity and be used as a lubricant? /5
Week 4	Q 1 Draw dot and cross diagram for carbon tetrachloride CCl_4 and carbon dioxide CO_2 Q.2 Draw ionic structures for the ions in sodium chloride NaCl and magnesium oxide



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	MgO.	/10
Homework schedule for May	Homework task	
Week 1	Make a list of first twenty elements of periodic table. Write down their symbols, group number and also mention whether it is metal or non-metal.	/5
Week 2	Write down the physical and chemical properties of group 1 and group 2 elements in points. Write chemical equations with chemical reactions.	/5
Week 3	Write down physical and chemical properties of acids and bases. You must write chemical equations for the reactions	/5
Week 4	Write down the electronic structures for the elements from Hydrogen to Calcium (first twenty elements)	/10



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SECONDARY / A LEVEL SECTION

HOME WORK SUMMER VACATION
2020

ACCOUNTING

Contact Information:

Subject Teacher: Afzal Shad

Email: afzal.shad@des.edu.pk

Call/WhatsApp: 0345 596 6616

Instructions:

- ❖ If you do not have the 'Frankwood Business Accounting 1' book with you, just drop an email and i will share it.
- ❖ You must try and attempt as many questions as you can - remember, not attempting questions will automatically lead to lower grades in the assignment.
- ❖ In case of any confusion in attempting questions, feel free to contact on WhatsApp. However, think through your question before asking, be precise about what you want to ask
- ❖ While answering questions in the assignment, please make sure its clearly readable. You must show your work, you must convince the reader that you understand the problem and that you did it yourself.
- ❖ In 'Internet Research' based questions, don't forget to mention the website reference. Make sure that you memorise /understand these terms as these will be helpful in inderstanding questions. Most of these terms were use in Cambridge Past Papers of Accounting.

Week 1:

1.1 Mention atleast one feature that differentiate one card with another?

- I. Affinity card. v/s ATM card.
- II. Business card. v/s Charge card.
- III. Cheque guarantee card v/s Credit card.
- IV. Debit card. v/s Electronic purse.
- V. Loyalty card. v/s ATM card

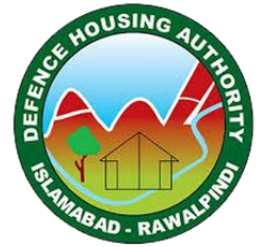
1.2 MCQ Set 1 given at end of chapter 6

1.3 Chapter 6: The Trial Balance: Review Questions: 6.1, 6.4A.



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1.4 Chapter 7: Trading Profit & Loss – Review Questions: 7.3, 7.4A, 7.5

Internet Research:

Use Internet and search for the given terms. You need to i) define ii) Explain and iii) Real life business where it is applied iv) Mention the website where you find this information.

Accounting policies | Balance brought down | Balance carried down | Balancing off the account | Current account | Current assets | Margin | Mark-up | Stocktaking | Super profits

Week 2:

2.1 Chapter 10: Accounting Concepts

Explain how the following concepts affect the recording and reporting of accounting information? Also mention the accounting statement in which the principle is applied. (Search internet to find out application in each case)

Materiality Concept Going concern Consistency Prudence
Accruals Separate Determination Substance over form

Your answer should consist of following headings for each concept:

- i) Definition of Concept
- ii) Effect on Recording & Reporting
- iii) Situations in which concepts are applied

2.2 Do you agree with this view that the prudence concept results in accountants producing financial statements that understate profits and gains and therefore present a value for capital that is lower than it should be? Justify your answer.

2.3 Chapter 9: Trading Profit & Loss and Balance Sheets – 9.3, 9.5A, 9.6A, 9.8, 9.9

2.4 Chapter 13: Cash book – Review Questions 13.4A, 13.5, 13.6A

2.5 Chapter 14: The sales day book and the sales ledger - 14.2A, 14.3, 14.4A

Week 3:

- 3.1 Zainab's accountant prepared a statement of financial position at the end of her first year of trading on 31 December 2018. Zainab was not familiar with some of the terms used in this statement. State the meaning of each of the following terms:



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Drawings *Assets* *Trade payables* *Current liabilities*
Non-current assets

- 3.2** Explain why owner's equity is a type of liability
- 3.3** Chapter 18: The analytical petty cash book and the imprest system - Review Questions 18.1, 18.2, 18.4

Internet Research:

Use Internet and search for the given terms. You need to i) define ii) Explain iii) Real life business where it is applied and iv) Mention the website where you find this information.

***Accounting information system | Budget | Cash equivalents | Drawer | Dumb terminal | FIFO | Float
Garner v Murrary rule | Memorandum joint venture account | Narrative | Prudence | Real accounts
Statement of Affairs | Switch (Banking)***

Week 4:

Internet Research:

Use Internet and search for the given terms. You need to i) define ii) Explain iii) Real life business where it is applied and iv) Mention the website where you find this information.

***Net realisable value Preference shares Accumulated fund Accrued income
Accrued expense Dishonoured cheque Endorsement Factoring
Limited partner***

Week 5:

- 5.1** Peter Dalmini's cash book (bank column) had a debit balance of \$515 on 30 April 2003. This did not agree with the bank statement of the same date, which showed a balance of \$290. The cash book was checked against the bank statement and the following differences were found:
- Cheques totalling \$620 issued to trade payables had not been presented to the bank for payment.
 - An amount of \$950 paid into the bank did not appear on the bank statement.
 - Cash sales deposited into the bank amounting to \$390 had been omitted from the cash book.
 - The bank had received \$150 by credit transfer (bank giro) from Klerk for Dlamini's account. Dlamini had not been advised.



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- v. A cheque for \$315 received from Joseph had been paid into the bank but it had now been returned unpaid. No action has been taken by Dlamini.
- vi. The following transaction by the bank had not been recorded in the cash book: bank charges \$120.

- a. **Prepare an updated and balanced cash book.**
- b. **Prepare a correctly headed statement to reconcile the adjusted cash book balance with the bank statement balance at 30 April 2003.**

5.2 Ottoman compared his cash book with the statement from his bank at 30 September 2010 and found the balance shown on the bank statement did not agree with the balance in the bank column of his cash book.

- a. Give two reasons why the balance shown in a cash book might not agree with the balance shown on a bank statement at the same date.

On 30 September 2010, the balance on Ottoman's cash book (bank column) was \$850 dr. The balance shown on his bank statement was \$1 660. The cash book was checked against the bank statement and the following differences were found:

- i. Cheques totalling \$250 issued to trade payables had not been presented for payment.
 - ii. Rent received of \$800 paid directly into the bank on 30 September did not appear in the cash book.
 - iii. Bank charges of \$60 were shown on the bank statement but had not been entered in the cash book.
 - iv. Cash sales recorded as \$1 200 were shown on the bank statement correctly as \$1500.
 - v. A cheque received from Hans for \$480 and deposited at the bank on 28 September had been entered in the cash book but has not yet been shown on the bank statement.
- b. Make any additional entries which are required in Ottoman's cash book. Balance the cash book at 30 September 2010 and find the adjusted balance carried down.
 - c. Prepare a bank reconciliation statement to reconcile the adjusted cash book balance with the bank statement balance at 30 September 2010

5.3 MCQ Set 2 given at end of chapter 13 (Frankwood)

Week 6:

- 6.1** Chapter 26: Depreciation of fixed assets: nature and calculations - Review Questions 26.1, 26.3, 26.4, 26.7, 26.8, 26.10, 26.11



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- 6.2** Chapter 27: Double entry records for depreciation - Review Questions 27.2, 27.3, 27.5, 27.7, 27.9A, 27.15A, 27.19A
- 6.3** Short Questions:
- What are the causes of Depreciation?
 - What is residual value?
 - Identify & Explain 7 Methods of Depreciation with help of an example for each method.
 - What is Provision for Depreciation?
 - Why do you think it would be confusing to call the accumulated provision for depreciation account the 'provision for depreciation account'?
 - What advantages are there in making this exception to the rule by using 'depreciation' rather than 'accumulated provision for depreciation' in the profit and loss account entry?

Internet Research:

Use Internet and search for the given terms. You need to i) define ii) Explain iii) Real life business where it is applied and iv) Mention the website where you find this information.

Reduced rate, Revaluation account, Working capital, Imprest system, Overdraft, PAYE (Pay As You Earn), Personal Identification Number (PIN), Chart of Accounts, Clearing, Job costing, Gearing

Week 7:

- 7.1** Define and Draft the following business documents: invoice, debit note, credit note, statement of account, cheque and receipt.
- 7.2** What is a pro-forma business document?
- 7.3** What is the difference between a sales and purchases invoice and a debit and credit note
- 7.4** Why a trade discount is mentioned in an invoice and how it is different from a cash discount?
- 7.5** What is a bank statement and how it is used to help in accounting transactions of a business?

Internet Research:

Use Internet and search for the given terms. You need to i) define ii) Explain iii) Real life business where it is applied and iv) Mention the website where you find this information.

Zero-rated business, Capital reserve, Casting (in accounting), Day books, Contra, Final accounts, Input tax,



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Week 8:

8.1 Sparky Ltd set up business on 1 May 2008 with the following assets:

	\$
Property (land and buildings)	150 000
Computer equipment	40 000
Inventory	70 000

Sparky Ltd decided on the following policy for depreciation:

- i. Land costing \$80 000 was not to be depreciated.
 - ii. Buildings are to be depreciated at 2 per cent per annum on cost using the straight-line method.
 - iii. Computer equipment is to be depreciated at 25 per cent per annum using the diminishing (reducing) balance method.
- a. State two causes of depreciation.
 - b. Explain why Sparky Ltd does not depreciate each of the following:
 - i. Land
 - ii. Inventory (stock in trade)
 - c. Explain why depreciation is an application of the matching principle.
 - d. Calculate the depreciation on property (land and buildings) for the year ended 30 April 2009.

On 30 April 2010 Sparky Ltd sold some of the computer equipment for \$7 000. The computer equipment had cost \$12 000 on 1 May 2008. Sparky Ltd charges a full year's depreciation in the year of disposal.

- e. Prepare the disposal account on 30 April 2010 recording the disposal of the computer equipment.

During the year ended 30 April 2010, Sparky Ltd carried out work on the buildings:

- i built an extension
 - ii redecorated the interior
 - iii installed air conditioning.
- f. State whether each item, i–iii above, is capital expenditure or revenue expenditure

Internet Research:

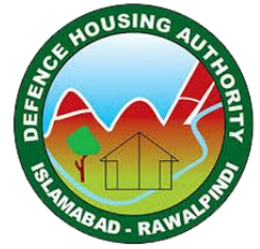
Use Internet and search for the given terms. You need to i) define ii) Explain iii) Real life business where it is applied and iv) Mention the website where you find this information.

Bank giro credit, Debenture, Depletion, Estimation techniques, LIFO, Impersonal accounts VAT, GST



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2020

ECONOMICS

General Instructions for Homework Completion

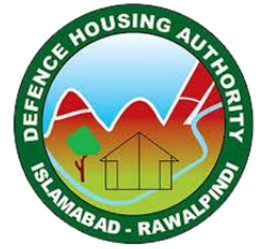
To ensure effective and productive learning outcomes make sure you follow the instructions:

- ✓ Plan a schedule and develop regular study habits.
- ✓ Revise all the topics that have already been discussed in the class.
- ✓ You can take the help from Internet, and newspaper or magazine article for gathering general information and facts to do the activities given below as your summer vacation homework.
- ✓ Maintain a checklist/activity log date, week and task-wise.
- ✓ Keep a tangible evidence of your homework where applicable.
- ✓ The homework will be assessed in the first week of June and carries 50% weightage for the child to get promoted to the next grade.
- ✓ You can contact me on the following in case you need any help regarding the homework given:
 - Mobile No. : 03155196433
 - Email Address: anam1888@gmail.com
- ✓ Kindly acknowledge on the given contact details once to receive the homework.



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H.W Schedule (April)	Homework Tasks
Week 1	<p>Activity # 1: Revise Chapter # 1 and state the differences between the following giving an example for each:</p> <ul style="list-style-type: none">✚ Consumer goods v/s Capital goods✚ Land v/s Capital✚ Public goods v/s merit goods
Week 2	<p>Activity # 2: Explain the term “opportunity cost” giving a scenario for each of the following:</p> <ul style="list-style-type: none">✚ Opportunity cost and consumers✚ Opportunity cost and producers✚ Opportunity cost and workers✚ Opportunity cost and government <p><u>Note:</u> Following websites can also be used :</p> <ul style="list-style-type: none">• www.referenceforbusiness.com• www.wikipedia.org/wiki/opportunity_cost
Week 3	<p>Activity # 3: Illustrate the concept of “Production Possibility curve” drawing a graph.</p>
Week 4	<p>Activity # 4: Solve the crossword on the course book using the clues given on page # 18.</p>
H.W Schedule (May)	Homework Tasks



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Week 5	<p>Activity # 5: Revise Chapter # 2 and define the following key economic terms:</p> <ul style="list-style-type: none">✚ Effective demand✚ Supply✚ Compliment✚ Substitute✚ Price Elasticity of Demand✚ External cost✚ Private benefit
Week 6	<p>Activity # 6: Draw a graph showing a shift in the demand curve for each of the following cases:</p> <ul style="list-style-type: none">✚ An increase in consumer's income✚ A fall in taxes on incomes✚ A fall in the price of substitutes✚ A rise in price of compliments✚ A fall in population <p>Hint: The supply curve is not to be drawn as "market" is nowhere mentioned in the question.</p>
Week 7	<p>Activity # 7: Solve the crossword on the course book using the clues given on page # 74.</p>
Week 8	<p>Activity # 8: Revise the topics "Government economic policies" and "Taxation", and solve the crosswords on the book given on page # 397 and 320.</p>



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2020

BUSINESS STUDIES

General Instructions for Homework Completion

To ensure effective and productive learning outcomes make sure you follow the instructions:

- ✓ Plan a schedule and develop regular study habits.
- ✓ Revise all the topics that have already been discussed in the class.
- ✓ You can take the help from Internet, and newspaper or magazine article for gathering general information and facts to do the activities given below as your summer vacation homework.
- ✓ Maintain a checklist/activity log date, week and task-wise.
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SECONDARY / A LEVEL SECTION

HOME WORK SUMMER VACATION 2020

H.W Schedule (April)	Homework Tasks
Week 1	<p>Activity # 1: Revise Chapter # 1 particularly the concept of “value addition” and explain how the following businesses can add value:</p> <ul style="list-style-type: none">✚ Restaurant✚ House builder
Week 2	<p>Activity # 2: Read Chapter # 4. Using the internet, take out a list of Public Limited companies and select any two companies out of them. Visit the websites of these two big multinational businesses or Public Limited companies. The annual reports and public statements of these companies usually have a list of their objectives. Your task is to:</p> <ul style="list-style-type: none">✚ Write a report on their objectives comparing them and the ways they are attempting to achieve these objectives.
Week 3	<p>Activity # 3: We all know individuals who, through their wealth and business success, have become famous entrepreneurs. These moguls and tycoons are people that have built empires from their businesses and thrived. They are the envy of all, but as the definition of an entrepreneur states: <i>they take great risks for the potential of great rewards</i>. There are entrepreneurs everywhere, but only a few who have what it takes to become a “famous” one.</p> <p>Use newspapers, magazines and the Internet to gather information about any famous entrepreneur. Choose one that you admire or the one who you think has a big influence on business activity of the country. There are many, many sites that have alphabetical lists of</p>



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	<p>these. Use whatever sites work best for you, but remember to keep a log of the sites you use.</p> <p>Your task is to prepare a poster or presentation that includes the following:</p> <ul style="list-style-type: none"> ✚ Name of the famous entrepreneur prominently displayed. ✚ The qualification and work experience did he/she have before going into business. ✚ How did he/she start in business? ✚ What business did he/she start? ✚ Product or business that was made famous by this entrepreneur. ✚ At least 10 interesting facts about this person. ✚ At least 5 qualities (characteristics) that have made this individual a successful entrepreneur. ✚ Explain why you admire this entrepreneur, including ways in which the person has contributed to his or her industry as well as to the economy. <p>Note: The list of websites used to gather your information should be typed and taped to the back of your poster or listed on the last slide of your presentation.</p>
<p>Week 4</p>	<p>Activity # 4: Make a list of government owned businesses.</p>
<p>H.W Schedule (May)</p>	<p>Homework Tasks</p>
<p>Week 5</p>	<p>Activity # 5: Chata is a sole trader. He owns a bakery which supplies bread products and cakes to local supermarkets and</p>



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	<p>independent retailers. His cakes are very popular. In recent months Chata has had to turn down orders from existing customers because he is unable to produce enough cakes with the equipment he has available. Chata was discussing his problems with Juma, an old friend from catering college.</p> <p>Juma is looking to start his own business making chocolate. He has suggested to Chata that they go into partnership. Chata has \$10,000 to invest in the business, which he says can be used to buy additional equipment for Chata's bread and cakes, but also for Juma's chocolate production.</p> <p>Your task is to:</p> <ul style="list-style-type: none">Discuss the advantages and disadvantages to Chata of entering into partnership with Juma.
Week 6	<p>Activity # 6: List down any three businesses in each of the following sectors:</p> <ul style="list-style-type: none">PrimarySecondaryTertiary
Week 7	<p>Activity # 7: Revise Chapter # 3 and do Activity # 3.5 given on page # 30 on the notebook.</p>
Week 8	<p>Activity # 8: Make a short list of needs and wants and state the difference between the two.</p>

ART

Note:

For any query please contact at:

Email: mariam.saleem@des.edu.pk

Phone no: 0300-5493222

Activity 1:

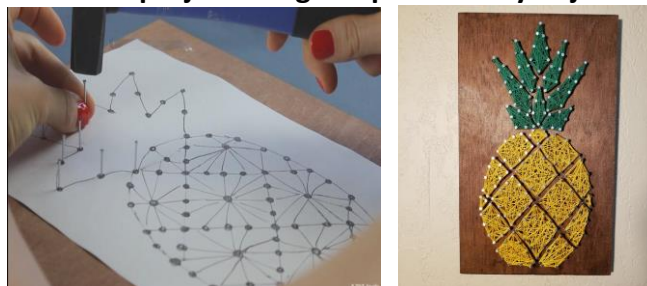
Draw 3 different 'Still Life Object' using techniques (Crosshatching, Smudging, Shading, and Doodling) with Charcoal pencil, Felt tip pen, Watercolors & Acrylics.

Activity 2:

- * Create a monochromatic painting using the skills you learned mixing Tints, Shades and Tones.
- * Painting should contain a background, middle ground and foreground.



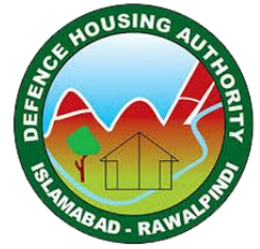
Activity 3: Make a 'STRING ART' project using template of any object.





DHAI EDUCATION SYSTEM

SECTOR F DHA PHASE-II ISLAMABAD PK



SECONDARY / A LEVEL SECTION

HOME WORK SUMMER VACATION
2020

ART & DESIGN

Note:

For any query please contact at:

Email: mariam.saleem@des.edu.pk

Phone no: 0300-5493222

ACTIVITY 1:

Make 3 'Mixed Media Painting' from primary & secondary sources.

ACTIVITY 2:

Drawing practice of face, hand, feet from different angles.

ACTIVITY 3:

Practice of 'Still Life Drawing' on different background (Newspaper, Butter paper, Textured paper, Eco printed paper) with (Oil pastels, Poster paints, Acrylics, Oil paints, Soft pastels, Charcoal Pencil, Felt tip pen, Ink pen).