

Cadet College Larkana

Eid Holidays Home Work

Subject: English

Class: XII

Q No: 01 Answer the following questions: (50 Marks)

1. What does Liaquat Ali Khan put forward as the two main duties today of the Western world?
2. What main differences does Liaquat Ali Khan point out between Muslim and Hindu beliefs and attitudes?
3. What is Einstein's attitude to property, outward success and luxury?
4. Our administrative machinery had to be built up from scratch. What does this sentence mean?
5. Write a brief character sketch of Mrs. Oakentubb.
6. Briefly state the main reasons given by Liaquat Ali Khan for the Muslim's desire not to continue living in a united India.
7. What in Russel's opinion, should Asian countries accept from the West and what should they reject?
8. Does the author welcome cultural uniformity or not? How does he justify his attitude?
9. Define melodrama and its features. How is Twenty Minutes with Mrs. Oakentubb a melodrama?
10. Explain the importance of the label on Mrs. Oakentubb's suitcase. Why does she hide it?

Q No: 02 Write the Summary of any one of the followings poems: (15 Marks)

Samson Agonistes

The Solitary Reaper

Q No: 03 Write the Summary of any one of the followings lessons: (15 Marks)

The World As I See It

The Devoted Friend

Q No: 04 Translate the following sentences into Urdu or Sindhi: (20 Marks)

1. I forgot to take down his telephone number.
2. They were lost and caught in a storm, but a kindly farmer took them in for the night.
3. His ruin began when he took to gambling.
4. The destruction of forests commonly brings about great changes of climate.
5. Our chairman brought forward a very strong argument for enlarging the committee.
6. I hardly knew him but he talked to me like an old friend.
7. His father was a hard man and nobody liked him.
8. I am very glad that he passed because he worked very hard.
9. The weather was very bad but the aero plane took off.
10. Our chairman brought forward a very strong argument for enlarging the committee.

(Stay Home Stay Safe)

Cadet College Larkana

Eid Holidays Home Work

Chemistry

Total marks=100

Home work

Class XII

Q:1: Briefly describe the natural Sources of Organic Compounds

Q:2: What is meant by each of the following

- (a) Catenation (b) Homologous series (C) Isomerism

Q:3: What is Allotropy? Describe different allotropic forms of carbon and Sulphur.

Q:4: Briefly describe Benzene and its Structure.

Q:5: Explain the following with examples.

- (a) S-Block elements
(b) P-Block elements
(c) d-Block Elements
(d) f- Block elements

Biology

CLASS: XII (Pre Medical)

Note: Write answers of these questions and submit the file. (Also memorize the answers at home)

PART-A Short Answer Questions:

Q.1. Describe the structure of Hen's Egg. (Chap 5)

Q.2. State the Role of Nucleus in development. (Chap 5)

Q.3. State the complete structure of Chromosome. (Chap 6)

Q.4. Write note on DNA Replication process. (Chap 06)

Q.5. Write short note on following:

- a. Transcription b. Translation c. Mutation

PART-B Long Answer Question:

Q.6. Explain in detail the process of Meiosis I & II cell division. (Chap 7)

Class XII Eng (A/B/C)

Total Marks 100

QNO .1 Solve the Sum of Exercise 6.1,6.2 ,6.3

Qno 2 Solve the sum of Exrecise no 4.1 ,4.2,4.3 and 4.4

Cadet College Larkana

Eid Holidays Home Work

Subject: Pakistan Studies

Class: XII

Q. 01: Define Climate. What factors are involved in making of climate?

Q. 02: Define Constitution. Make comparison between all three constitutions of Pakistan.

Q. 03: Write a detailed note on the development of Sindhi Language and Literature.

Subject: Physics

Class: Xii (All Section)

Note: Attempt All Questions:

Qno:01 Explain the construction and working of Wilson cloud chamber.

Qno:02 Explain the Bohr's Model for Hydrogen Atom.

Qno:03 Define the X-ray Spectra .

Qno:04 What is Laser and its Applications?.

Qno:05 What are the Nuclear Changes?

Qno:06 Define the Law of radioactive decay.

Qno: 07 Explain the Half-Life of radioactive elements.

Qno: 08 Define the annihilation of matter .

Qno:09 Define the Law of electromagnetic induction.

Qno: 10 Write short note any two of following:

1:Frequency Modulation.

2: Photo-electric effect.

3: Geiger Counter

Qno:11 State and explain the Ampere's Law in detail.

Qno:12 Define the Radioactivity, and the properties of Gamma, Alpha and Beta radiations.

Class: XII (All section)

Sindhi

Q. No. Write a summary on any two of lesson from your text book.

Q. No. 2: Write brief introduction on Shah Abdul Latif Bhitai and Hakim Fatah Muhammad Sehwani.

Q.No. Write an essay of 300 words on the choice of your topic.

Cadet College Larkana

Eid Holidays Home Work

Subject: English

Max marks: 100
Class: XI-All Sections
Passing marks: 40

- Q. No.1: Write 20 phrasal verbs and use them in your sentences. (20 marks)
- Q.No:02: Write the character sketches of Monte Cristo, Count Morcerf, Countess Morecerf . (20 marks)
- Q. No:03: Write down an essay of 500 words on any one of the following topics:
I. Procrastination is the theft of time II. Online Education III. Uses and abuses of Artificial Intelligence (20 marks)
- Q. No: 04. Write the summary of on any one of the following. (20 marks)
I. The United Nations II. The Progress III. The toys
- Q. No. 05: Write an application to your principal for arranging a tour of any historical place (20 marks)
- OR
- Write a letter to a newspaper editor and tell him about rising street crime in your area.

Class: XI-Pre-Medical- (A, B)

Subject: Biology

Note: Attempt all given questions:-

- Q.1.What is Biology? Explain levels of Biological Organization.
- Q.2.Define five kingdom system and write their examples.
- Q.3.Write characteristics and types of Enzymes.
- Q.4.Define characteristics of Phylum Chordata with examples.
- Q.5. Write general characteristics of Bryophytes
- Q.6. **Research Topic:** What is virus? Write role of vaccination in viruses.

Class: XI- ABC

Subject: Mathematics

- Q. No: 1. How many terms of the series -8-6-4..... make the sum of 90?
- Q. No:2. The second, 31st and the last term of an AP are $\frac{31}{4}$, $\frac{1}{2}$ and $\frac{13}{2}$ respectively. Find the no. of term.
- Q. No: 3. Ex Q and by means of the binomial theorem.

(i) $(x+a)^6$ (ii) $(\frac{2x}{3y} - \frac{3y}{2x})^7$

Cadet College Larkana

Eid Holidays Home Work

Class XI Eng (A/B/C)

Total Marks 100

ATTEMPT ALL QUESTIONS

Qno 1 Solve the sum of Exercise 6.1 ,6.2 ,6.3

Qno2 Solve the sum of Exercise 10.1 ,10.2,10.3

Subject: Chemistry

Q1. A compound contains C, H and N contains 66.70% carbon, 7.41% Hydrogen and 25.90% Nitrogen. If the molecular mass of the compound was found to be 108.

Find the Empirical and molecular formula of compound.

Q2. Four containers of equal volume are filled as follows:

1. 2.0 g H₂ at 0°C
2. 1.0g H₂ at 273°C
3. 24g O₂ at 0°C
4. 16g CH₄ at 273°C.

Which container has greater pressure and which has lowest pressure?

Q3. In a certain process 848J heat is absorbed by a system, while 394J of work done on system. What is the change in internal energy for the process?

Q4. The solubility of Mg(OH)₂ at 25 °C is 0.00764 g/dm³. What is the solubility product of Mg(OH)₂? (K_{sp} = 9.0 × 10⁻¹²).

Subject: Physics

XI (All Sections)

NOTE: Attempt all given questions

Q No.1. State and Explain The interference of Light through Michelson Interferometer?

Q No .2 What is lens? Write its types Image formation in concave and convex lens?

Q No.3 Define the construction, working and magnifying power of compound microscope

Q No .4 States and Explain Young's Double Slit Experiment

Q No. 5 Explain the phenomena of Diffraction of X-rays through Crystal?

Q No.6 Distinguish between Diffraction and Interference Phenomena

Q No. 7 What is thin Lens formula? Also define Linear Magnification?

Q No. 8 Work and construction of Astronomical Telescope.

Cadet College Larkana

Eid Holidays Home Work

Cadet College Larkana

Vacation Home work 2021

Class: XI (All Sections)

Subject: Islamiat

Attempt all questions.

Q.No.01. Explain the selected Ayats of the Holy Quran with translation.

« منتخب قرآنی آیات کا ترجمہ اور مفہوم بیان کریں (صفحہ ۱۴۷) »

Q.No.02. Explain the selected Ahadith of the Holy Quran with translation.

« منتخب احادیث کا ترجمہ اور مفہوم بیان کریں۔ (صفحہ ۱۵۳) »

Q.No.03. Elaborate the importance of Ramadhan in the light of the the Holy Quran.

« رمضان کی فضیلت قرآن کی روشنی میں بیان کریں۔ »

Subject: Civics (for non muslims)

Attempt all questions.

Q.No.01. What is Civic education? Elaborate in details.

« علم شہریت چا آہی؟ تفصیل سان بیان کرلیو: »

Q.No.02. Explain in detail that what is family?

« خاندان چا آہی؟ وضاحت کرلیو »

Q.No.03. What is government? Elaborate in details his merits & demerits.

« بادشاہت چا آہی؟ ان جون خوبییون ۽ خامیون
تفصیل سان بیان کرلیو: »

Cadet College Larkana

Eid Holidays Home Work

Subject: English

X All Sections

Q No.1. Revise memories the questions and answers of all the lessons.

Q No.2. Memories the poem Voice of God.

Q No.3. Practice letters and applications.

Q No.5. Write any of the 20 words and use in sentences.

Q No.6. Practice all the tenses along with examples.

Subject: Physics

X All Sections

NOTE: Attempt all given questions

Q No.1. What is radioactivity? What are alpha, beta and gamma rays? Describe their properties?

Q No .2 Describe Fission and Fusion process in detail

Q No.3 What are semi-conducting materials describe P-type and N-type materials

Q No .4 Define Potential Difference b/w Two points of Electrical Field

Q No. 5 Explain work and its types in detail?

Q No.6 Explain the function of human eye name its different Parts

Q No. 7 what is difference b/w real and virtual Image

Q No. 8 define the following Terms

1- Wavelength

2- Frequency

3- Resonance

Subject: Mathematics

X All Sections

NOTE: Attempt all given questions

CHAPTER #15 (TRIGONOMETRY)

1)Trigonometric Ratios(30° , 45° , 60° degrees)

EX:15.3: Q .No 1(I,ii,iii),2(iv,v,vii,viii,ix,x) 3,& Example 2,3,4

EX.15.4: Q .NO 2(ii,vi,vii) 3 (ii,vi)

EX 15.5 : Q.NO.1,2,3,4,5,6,7,8,10

CHAPTER #8 (Elimination)

2) EX. No 8.1 Q.NO .1(i ,ii,iii,iv,v) ,2,3(ii) 4 (i ,ii,iii,iv) 5 (i,ii) 7,8

Cadet College Larkana

Eid Holidays Home Work

Cadet College Larkana

Vacation Home work 2021

Class: IX & X (All Sections)

Subject: Islamiat

Attempt all questions.

Q.No.01. What does Allah describe about purity in Surat ul Anfal?

سوال سورۃ الانفال میں اللہ تعالیٰ نے تقویٰ کے کیا انعامات بیان کیے ہیں؟

Q.No.02. Elaborate the importance of Ramadhan and fasting in the light of the Hadith.

حدیث کی روشنی میں رمضان اور روزے کی فضیلت بیان کریں۔

Q.No.03. Write a detailed note on the love of Almighty Allah and the Holy prophet Peace Be Upon Him.

اللہ اور اس کے رسول ﷺ کی محبت کیا ہے؟ تفصیل سے بیان کریں۔

Q.No.04. Describe in detail the periods of the safety of the Holy Quran?

قرآن مجید کی حفاظت کے ادوار تفصیل سے بیان کریں۔

Cadet College Larkana

Eid Holidays Home Work

Subject: English

X All Sections

Textual work:

1. Write down a summary of the lesson “**The great visionaries**”
2. Write a paragraph on the topic, “**The healthy life caused by mosquitos**”
3. Write down the story of the poem “**The Miller of the Dee**”

Non-Textual work:

1. Write down an essay on “**Character of happy life**”
2. Write any 10 words and use them in sentences of your own.
3. Write down an article of 150 words on the topic, “**Pollution**”
4. Memorize the short questions and exercises of **Unit: 01 to Unit: 08.**

Subject: Physics

X All Sections

Note: Attempt All Questions:

Qno:01 Drive the General Gas Equation with helps of Gasses Laws.

Qno:02 Explain the Specific Heat Capacity.

Qno:03 Define the Anomalous expansion of water .

Qno:04 What is Volume thermal expansion?.

Qno:05 Explain the Kinetic Molecular theory of matter.

Qno:06 Define the Law of Floatation.

Qno: 07 Explain the Pascal Law and its Applications.

Qno: 08 What is Elasticity ?

Qno:09 Define the Hook’s Law in detail.

Qno: 10 Write short note any two of following:

1: Work and its Kinds.

2: Centripetal Force .

3: Thermometer

Qno:11 State and explain the Universal Gravitation in detail.

Qno:12 Define the Archimedes principles and its analytical treatment.

Cadet College Larkana

Eid Holidays Home Work

کیڈٹ کالج لاڑکانہ

اردو ہوم ورک برائے جماعت نهم MT - IX

- ۱۔ ابتدائی دس اسباق کے سوال جواب یاد کر کے تحریر کریں۔
 - ۲۔ مندرجہ ذیل اسباق کا خلاصہ تحریر کریں۔
- اصغری نے لڑکیوں کا کتبہ لکھا
اسرکت ہر دو کی اپہنری
اللہ
- ☆☆☆ قسم شدہ ☆☆☆

کیڈٹ کالج لاڑکانہ

اردو ہوم ورک برائے جماعت دہم NMT - X

- ۱۔ ابتدائی دس اسباق کے سوال جواب یاد کر کے تحریر کریں۔
 - ۲۔ مندرجہ ذیل اسباق کا خلاصہ تحریر کریں۔
- فصل رسیں
آتش بازی
پاکستان سے محبت
- ☆☆☆ قسم شدہ ☆☆☆

کیڈٹ کالج لاڑکانہ

اردو ہوم ورک برائے جماعت یازدہم NMT - XI

- ۱۔ ابتدائی دس اسباق کے سوال جواب یاد کر کے تحریر کریں۔
 - ۲۔ مندرجہ ذیل اسباق کا خلاصہ تحریر کریں۔
- بھی کی کرنی دہی بھرنی
نصوح کا خواب
بچ آکبر
ایران کا جازا
- ☆☆☆ قسم شدہ ☆☆☆

کیڈٹ کالج لاڑکانہ

اردو ہوم ورک برائے جماعت دوازدہم MT - XI

- ۱۔ ابتدائی دس اسباق کے سوال جواب یاد کر کے تحریر کریں۔
 - ۲۔ مندرجہ ذیل اسباق کا خلاصہ تحریر کریں۔
- رسم و رواج کی پابندی کے تقاضات
بچا اور جھوٹ کا رزم نامہ
پاسکل کی تعلیم / ایکٹیکوٹی اور شی
- ☆☆☆ قسم شدہ ☆☆☆

کیڈٹ کالج لاڑکانہ

اردو ہوم ورک برائے جماعت دوازدہم MT - XII

- ۱۔ ابتدائی دس اسباق کے سوال جواب یاد کر کے تحریر کریں۔
 - ۲۔ مندرجہ ذیل اسباق کا خلاصہ تحریر کریں۔
- سیرت محمدی ﷺ کی جامعیت
بھرم
سند کا دل
مزمزم
- ☆☆☆ قسم شدہ ☆☆☆

۱۰/۱۲/۲۱
Mutamma of Akram Magsi
HOD urdu

Cadet College Larkana

Eid Holidays Home Work

Subject: Sindhi

IX All Sections

Q. No.1: Write a letter to your friend advising him to take precautions regarding spread of Covid-19 Pandemic.

Q. No.2: Write a brief note on Life of Shah Abdul Bhitai, Sachal Sarmast and Sami.

Q. No.3: Write an essay of 300 words on the topic of your choice.

Subject: Mathematics

IX All Sections

CHAPTER#04 EX# 4.9, 4.10

CHAPTER#05 EX#5.2, 5.4, 5.7, 5.10, 5.14

CHAPTER#07 EX#7.1, 7.3, 7.4

Class: IX, (All sections) Subject: Biology

Teachers:

Mr. Waseem Abbas Khushik

Mr. Mujeebullah Abro

Mr. Imran Ali Solangi

Subject: Biology

IX All Sections

Note: Attempt all given questions:-

Q.1. Write characteristics of Mitochondria with neat and clean diagram.

Q.2. Describe five kingdom Classification proposed by Robert H. Whitikar.

Q.3. Describe Photosynthesis and explain Both Phases Light and Dark Reactions.

Q.4. Describe in detail Digestion in human being .

Q.5. Write comparison between Photosynthesis and Respiration.

Q.6. Write various phases of Mitosis with diagram.

Q.7. Explain Biological Methods with all steps.

Subject: Chemistry

IX All Sections

Q. No. 01. Remember symbols of first 20 elements.

Q. No. 02. Write formula of the following

a. Caustic soda b. Sulphuric acid c. Sodium Carbonate & Sodium bicarbonate

d. Natural Gas e. Sugar and Glucose

Q. No. 03. Find PH and POH of 0.00034 M HNO₃?

Q. No. 04. Calculate moles of 15 grams of AlCl₃, PH₃ & NaCl

Q. No. 05. How many molecules are in 0.25 moles of C₆H₆?

Cadet College Larkana

Eid Holidays Home Work

Subject: Biology

VIII All Sections

ATTEMPT ALL THE QUESTIONS

SHORT QUESTIONS

Q.1 Explain reflex action with an example

Q.2 Make the diagram of the following

a) Lungs

b) Liver

c) Kidney

Q.3 Define these terms a) Endothermic reactions b) Exothermic reactions

Q.4 Balance the followings chemical reactions

1) $S_8 + O_2 = SO_2$

2) $C_2H_6 + O_2 = CO_2 + H_2O$

Q.5 Define uses of acids, alkalis and salt

Q.6 Define the hydraulic Pressure

LONG QUESTIONS

Q.7 Define brain and its parts with diagram

Q.8 Define Meiosis with diagram