Summer Vacations Homework   2020

Class: 8th (Pre 9th)

<u>**Cantt Public Education System**</u>

A NEW FRONTIER IN LEARNING

Dear Students,

We hope that you and your families are keeping well during ongoing health crises. It is more and more likely that schools may not open till August 2020. After successful completion of our first seven weeks academic plan, we are pleased to share our further academic plans for online classes and homework activities.

As of 1st June 20, we had started robust, interactive teaching programme. The curriculum was taught through various online platforms, video lectures and live interaction with teachers as well as carefully designed homework, which all students completed at their own time. We are now sending work plan for the month of July and August, we shall pursue the same time table:-

Group	DAYs	Timings	Subjects	Remarks
I	Monday – Day 1 Tuesday – Day 2 Wednesday – Day 3	0900 - 0940	Physics	Principals shall ensure availability of subject teachers to students for coaching/clarification of doubts etc
		1000 - 1040	English	
		1100 - 1140	Urdu	
		1200 -1240	Chemistry	
II	Thursday - Day 4 Friday – Day 5 Saturday – Day 6	0900 - 0940	Computer/ Biology	
		1000 - 1040	Maths	
		1100 - 1140	Islamiat/Naazra	
		1200 -1240	S.Studies/GK	

Beloved scholars, home work for following subjects has been included in this booklet:-

Sr #	Subject	Pages	
		From	To
1	Physics	2	13
2	Chemistry	14	17
3	Biology	18	31
4	Computer	32	34
5	Social –Studies	35	39
6	General Knowledge	40	67
7	Urdu	68	71
8	Islamiat	72	74
9	Mathematics	75	77
10	English	78	81

Our main objective is to keep you in touch with your studies rather than to put you under unjustified burden. Therefore, a pragmatic program has been planned for your educational progression. Stay home, stay safe and stay connected with your studies.

Regards

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PHYSICS

Week 8TH Day-1

Topic: Physics and Branches of Physics.

Video Link: Dear Students, watch the video below and answer the questions given in the Worksheet. https://www.youtube.com/watch?v=-8TD1Uud2oA

Activity:

Q-Choose the correct option.

The branch of science which deals with the study of properties of matter, energ and their mutual relationship is called:

a) Astronomy   b) Physics   c) Geology   d) Chemistry

The study of properties of matter at very high temperature is called:

a) Plasma Physics   b) Astrophysics   c) Sound   d) Electromagnetism

The study of internal structure of earth and its activities is called:

a) Solid state physics   b) Heat   c) Mechanics   d) Geophysics

The study of the isolated nuclei of an atom is called:

a) Plasma Physics   b) Astrophysics   c) Nuclear Physics   d) Biophysics

Much of the universe is made up of:

a) Solid   b) Liquid   c) Plasma   d) All of above

Learn the following.

What is Science?

The knowledge gained through observations and experimentations is called science. The word science is derived from the Latin work scientia which mean knowledge.

What Physics?

Physics is that branch of science in which we study matter, energy and their interaction. The laws and principles of physics help us to understand nature.

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Week 8TH Day-2

Topic:- Physical Quantities
Video Link: 1- Dear Students, watch the video below and answer the questions given in the Worksheet. https://www.youtube.com/watch?v=ypRQp1-HxIQ&t=10s
https://youtu.be/yldFcm5oVmA

Worksheet:

Learn the following questions.

What are the physical quantities?
All measurable quantities are called physical quantities. These are characteristics of every object which are used to be measured to specify them. These characteristics of the object are known as physical quantities.

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Length, time, mass, force, speed, volume, density etc.
What are the basic characteristics of physical quantities?
A physical quantity possesses at least two characteristics in common.
(i) Numerical magnitude
(ii) Unit in which it is measured.

Week 8TH

Day-3

Topic: Base and
derived quantities

What are base quantites?
The physical qunaties which formthe basis for other physical quantities are called base quantities. There are seven base quanities in total. These are
Length, time, mass, electric current, intensity of light, quantity of matter and temperature.

What are derived quantities?
All the quantities which can be expressed in terms of base quantities are called derived quatntities. For example, Force, area, volume, density etc

Video Link:https://www.youtube.com/watch?v=RfShF6M_fEoz

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Week 9TH Day 1

Topic: Prefixes

Video Link:

https://www.youtube.com/watch?v=jfFPcfuRDqo

Activity: Dear Students, go through the video lecture carefully understand the concept of prefixes and then learn table of prefixes given below.

Multiplier	Name	Symbol	Multiplier	Name	Symbol
10^1	deca	da	10^{-1}	deci	d
10^2	hecto	h	10^{-2}	centi	c
10^3	kilo	k	10^{-3}	milli	m
10^6	mega	M	10^{-6}	micro	μ
10^9	giga	G	10^{-9}	nano	n
10^{12}	tera	T	10^{-12}	pico	p
10^{15}	peta	P	10^{-15}	femto	f
10^{18}	exa	E	10^{-18}	atto	a
10^{21}	zetta	Z	10^{-21}	zepto	z
10^{24}	yotta	Y	10^{-24}	yocto	y

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Week 9th Day- 2

Chapter #1 Physical Quantities and Measurements
Topic: Measuring Instruments
Video Link: (Mass Measuring)https://www.youtube.com/watch?v=WiyZQ7VeV3U
Activity: Dear Students, go through the video lecture carefully and learn the questions given in the worksheet.

Q.14 What do you know about Meter Rule?

Ans: It is an instrument which is used in laboratories to measure the length of an object or distance between two points.

Scale

It is one meter long which is equal to 100 centimeters. Each centimeter is divided into 10 small divisions called millimeter (mm).

Least count

The least count of meter rule is 1mm. This is the minimum length that can be accurately measured by the meter rule.

Week 9TH Day- 3

Topic: Stop Watch
Video Link:

(Stopwatch) https://www.youtube.com/watch?v=5nGm7pPf3Hw

Activity: Dear Students, go through the video lecture carefully and answer the questions given in the worksheet.

Q. Write a note on stop watch.

A. An instrument used to measure time interval of an event is known as stop watch.

Types of stop watch

There are two types of stop watch.
(i) **Mechanical stop watch**
(ii) **Electronic stop watch (digital stop watch)**

(i) **Mechanical Stop Watch**
A mechanical stop watch can measure a time interval up to a minimum 0.1 second.

How to use
A mechanical stop watch has a knob that is used to wing the spring that powers the watch. It can also be used as start – stop and reset button. The watch starts when the knob is pressed once. When pressed a second time, it stops the watch while the third time press brings the needle back to zero position.

Figure 1 17: A mechanical stopwatch

Week 10TH Day 1

Topic: Exercise Numerical Problems

Video Link: https://www.youtube.com/watch?v=8rI24AaLvzQ (1.1-1.3)

Activity: Dear Students, go through the video lecture carefully and practice numericals 1.1 -1.3

Week 10TH Day- 2

Topic: Numerical Problems

Video Link: https://www.youtube.com/watch?v=PCAok4cJF6I

Activity: Dear Students, go through the video lecture carefully and practice numericals 1.4-1.6

Week 10TH Day- 3

Topic: Numerical Problems

Video Link:
https://www.youtube.com/watch?v=VMkKpAU4eHw

Activity: Dear Students, go through the video lecture carefully and practice numericals 1.6-1.10

Week 11TH Day- 1

Topic: Introduction to Rest and Motion

Video Link: https://www.youtube.com/watch?v=1fN9KmjDvCc

Activity: Dear Students, go through the video lecture carefully and answer the questions given in the worksheet.

Worksheet:

1- Choose the correct option.

Study of motion of the bodies is known as:

a) Heat   b) Light   c) Atomic physics   d) Mechanics

Study of motion without the reference of force and motion is called:

a) Kinematics   b) Dynamics   c) Heat   d) Motion

If a body does not change its position with respect to some observer then it will be in a state of:

a) Rest   b) Motion   c) Uniform motion   d) Relative motion

If a body changes its position with respect to some observer then it will be in a state of:

a) Rest   b) Motion   c) Uniform motion   d) Relative motion

Rest and motion are -------------- states:

a) Absolute   b) Constant   c) Variable   d) Relative

2- Learn the following questions.

Define Kinematics.

The study of motion of an object without discussing the cause of motion is called the kinematics.

Define dynamics.

Dynamics deals with forces and their action on the motion of bodies.

Differentiate between Kinematics and Dynamics.

Kinematics	Dynamics
Kinematics is the study of motion of bodies without the reference of force and mass.	Dynamics deals with forces and their action on the motion of bodies.

How you will define the rest?

If a body does not change its position with respect to surroundings then it is said to be in a state of rest.

Surrounding are the places in its neighborhood where various objects are present.

How you will define the motion?

If a body continuously changes its position with respect to surroundings then it is said to be in a state of motion.

How we can say that rest and motion are relative states?

The state of rest or motion of a body is relative. For example, a passenger is sitting in the moving bus is at rest because he/she is not changing his/her position with respect to the other passengers sitting in the bus. But to an observer outside the bus, the passengers and objects are in motion because they are changing their positions.

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Week 11TH Day 2

Topic: Term Associated with Motion

Video Link: https://www.youtube.com/watch?v=O_LB1wWLdiE

Activity: Dear Students, go through the video lecture carefully and answer the questions given in the worksheet.

1- learn the following questions.

Q.7 Define Rotatory motion.

Ans: The spinning motion of a body around its axis is called rotatory motion.

Example

- Motion of Earth around its geographic axis
- Motion of wheel and steering wheel around its axis
- Motion of a ceiling electric fan

Motion of Individual Particles

Particles of spinning body move in circles and thus individual particles possess circular motion.

Axis of Rotation

A line around which a body rotates is called axis of rotation.

Q.8 Differentiate between circular motion and rotatory motion

Ans: In circular motion, the point about which a body moves around, is outside the body while in rotatory motion, the line around which a body moves about is passing through the body itself.

Q.9 Define Vibratory motion.

Ans: When a body moves to and fro about its mean position is called vibratory motion. The motion of the body repeats from one extreme motion to the other extreme position.

Examples

- Motion of swing back and forth about its mean position
- Motion of pendulum of wall clock
- Motion of see – saw
- Motion of hammer of ringing electric bell
- Motion of the strings of sitar

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Week 11ᵀᴴ Day- 3

Topic: Graphical Analysis

Video Link:https://www.youtube.com/watch?v=MaL58bmav28

Activity: Dear Students, go through the video lecture carefully and answer the questions given in the
worksheet.

What do you know about scalar and vector quantities

A physical quantity which can be completely described by it magnitude only is called a
scalar. The magnitude of a quantity means its numerical value with appropriate unit.
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Mass, length, time speed, volume, area, energy etc.

A physical quantity which can be completely described by its magnitude along with its
direction.
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Velocity, force, displacement, momentum, torque etc.

How are vector quantities important to us in our daily life?

It would be meaningless to describe vectors without direction. For example, distance of a
place from reference point is insufficient to locate that place. This direction of that place
from reference point is also necessary to locate it.

What do you know about Vector Representation?

Symbolic Representation

To represent vectors, we generally use bold letters to represent vector quantities.
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1- F, a, d or a bar or arrow over their symbols such as $\overline{F}, \overline{a}, \overline{d}$ or $\vec{F}, \vec{a}$ and $\vec{d}$

Week 12TH Day- 1
Chapter #2 Kinematics

Topic: Displacement

Video Link: https://www.youtube.com/watch?v=21BwUNDOQno

Activity: Dear Students, go through the video lecture carefully and answer the questions given in the worksheet.

Q:15 What do you know about Displacement?

Ans: The shortest distance between two points is known is called displacement which has magnitude and direction. It is directed from initial to final point.

Representation

It is represented by "d".

Quantity

It is a vector quantity and it is directed from initial to final point.

Unit

Its unit is meter (m).

Example

Consider the figure in a curved path. Let S be the length of the curved path between two points A and B on it. Then S is the distance between A and B.

In this figure, join A and B by a straight line. The straight line AB gives the distance which is shortest between A and B. this shortest distance d in a particular direction is called displacement.
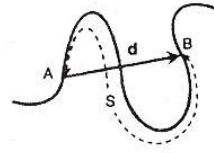
Figure 2.17: Distance S (dotted line) and displacement d (red line) from points A to B.

Week 12th Day-2

Topic: Speed

Video Link: https://www.youtube.com/watch?v=apewLkLAR-U

Activity: Dear Students, go through the video lecture carefully and answer the questions given in the worksheet.

Q.16 What do you know about speed?

Ans: The distance covered by an object in unit time is known as its speed.

Mathematical form

If a body covers distance 'S' in time 't' then its speed 'v' can be mathematically written as,

Speed = Distance covered/Total time

$$v = \frac{S}{t}$$

Distance = speed x time

$$S = v \times t$$

Quantity

It is a scalar quantity.

Unit

SI unit of speed is meter per second (ms^{-1}).

Q.17 How you will define the uniform speed?

Ans: Speed is the average speed of a body because speed of the body may be changing during the time interval t. if the speed does not vary and has same value then it is taken as uniform speed and it is defined as:

"If a body covers equal distances in equal intervals of time, however small the intervals may be, the speed of the body is said to be uniform".

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Week 12th   Day-3

Topic: Velocity

Video Link: https://www.youtube.com/watch?v=apewLkLAR-U

Activity: Dear Students, go through the video lecture carefully and answer the questions given in the worksheet
.

Q.19 What do you know about velocity?

Ans: The rate of displacement of a body with respect to time is called velocity.

OR

Speed of a body along with the direction in which the body is moving is known as velocity.

Mathematical form

$$\text{Average velocity} = \frac{\text{displacement}}{\text{time taken}}$$

$$v = \frac{d}{t}$$

Or $d = v \times t$

Here d is the displacement of the body moving with velocity v in time t. Here v is the average velocity of the body during time t.

Quantity

It is a vector quantity and its direction is same as the direction of displacement.

Unit

SI unit of velocity is same as that of speed that is meter per second (ms^{-1}).

Q.20 What do you know about uniform velocity?

Ans: If speed and direction of a body does not change then body has uniform velocity. In this case, during any time interval body has same magnitude and direction. Uniform velocity can be defined as:

"If body has uniform velocity if it covers equal displacement in equal intervals of time however short the interval may be".

Week 13th Day-1

Q.21 **Differentiate between uniform and variable velocity.**

Ans:

Uniform velocity	Variable velocity
• If the speed and direction of the moving body does not change with time then its velocity is said to be uniform.	• If the speed or direction of the moving body changes with time then its velocity is said to be variable.
Example Body moving in straight line with uniform speed.	**Example** Body moving in circular path with uniform or non-uniform speed.

Q.22 **Does speedometer of a car measure its velocity?**

Ans: The speedometer of a car measures only magnitude of velocity not the direction. Therefore, we can say that speedometer of the car does not measure it velocity.

Q.23 **Why a body moving along a circle with uniform speed has variable velocity?**

Ans: A body moving along a circle with uniform speed has variable velocity because its direction is changing at every point on the circular path.

Q.24 **What is meant by the acceleration?**

Ans: The rate of change of velocity of a body is known as acceleration. Velocity of the body changes due change either in magnitude or direction or both.

Week 13th Day-2

Topic: Uniform Acceleration

Video Link: https://www.youtube.com/watch?v=9smjFnjkW6w

Activity: Dear Students, go through the video lecture carefully and learn the questions given in the worksheet.

Q.25 **What is meant by uniform acceleration?**

Ans: Let the time is divided into many small intervals of time. If the change in velocity during these entire interval remains constant then acceleration will also be constant this is called uniform acceleration which can be defined as:

"If a body has equal changes in velocity in equal intervals of time, however small the intervals may be, then the acceleration of the body is said to be uniform".

Q.26 **What is meant by positive acceleration and negative acceleration?**

Ans: **Positive acceleration**

If the velocity of the body is increasing then acceleration will be positive. The direction of positive acceleration is the same to the direction in which the body is moving without change in its direction.

Example

If a car is moving in straight line and the driver presses the accelerator the velocity of the car starts to increase. So the acceleration of the body will be positive.

Negative acceleration or retardation

If the velocity of the body is decreasing then acceleration will be negative. The direction of negative acceleration is opposite to the direction in which the body is moving. Negative acceleration is also called retardation.

Example

If the driver applies brake, the velocity will start to decrease. So acceleration of the body will be negative and direction of acceleration is opposite to the direction of velocity.

Week 13th Day-3

Topic: Graph

Video Link: https://www.youtube.com/watch?v=30YzMffnaQc

Activity: Dear Students, go through the video lecture carefully and learn the questions given in the worksheet.

Q.29 **What do you know about graph?**

Ans: Graph is a pictorial way of presenting the information about the relation between various quantities. The quantities used in plotting a graph are called the variables.

Independent variable quantity

The quantity which can be changed with our wish is called independent variable quantity.

Dependent variable quantity

The quantity, value of which varies with the change in independent variable quantity is called the dependent variable quantity.

Q.30 **Is velocity-time graphing a straight line? If yes then what information we get from it?**

Ans: Yes, the velocity-time graph is a straight line and it shows that velocity of the body is changing uniformly and acceleration of the body will be uniform.

Q.31 **What do you know about gravitational acceleration?**

Ans: If we neglect air resistance, then all the bodies either lighter or heavier will fall down with uniform acceleration. This uniform acceleration of freely falling bodies is known as gravitational acceleration. It is represented by 'g'. Its value is $9.8 ms^{-2}$, but for simplicity we shall use the value of g as $10 ms^{-2}$.

<u>CHEMISTERY</u>

<u>EXERCISE OF CHAP # 1 & CHAPTER # 2 "STRUCTURE OF ATOMS"</u>

<u>WEEK 8th</u>

Day	Topic	Video Lecture Link	Task
Day 1	Review Exercise	https://youtu.be/dTE4LwRqJNU	Q9.Decide whether or not each of the following is an example of Empirical formula: (a) Al_2Cl_6 (b) Hg_2Cl_2 (c) NaCl (d) C_2H_6O Q10. TNT or trinitrotoluene is an explosive compound used in bombs. It contains 7-C atoms, 5 H-atoms, 3 N-atoms and 6 O-atoms. Write its empirical formula. Q11. A molecule contains 4-phosphorus atoms and 10 oxygen atoms. Write the empirical formula of this compound. Also determine the molar mass of this compound.
Day 2	Review Exercise	https://youtu.be/dTE4LwRqJNU	Q12. Indigo ($C_{16}H_{10}N_2O_2$), the dye used to color blue jeans is derived from a compound known as indoxyl (C_8H_7ON). Calculate the molar masses of these compounds. Also write their empirical formulas. Q13. Identify the substance that has formula mass of 133.5amu. • $MgCl_2$ • $S2Cl_2$ • BCl_3 • $AlCl_3$
Day 3	Review exercise	https://youtu.be/dTE4LwRqJNU	Q14. Calculate the number of atoms in each of the following: a) 3.4 moles of nitrogen atoms b) 23g of Na c) 5g of H atoms

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Week 9ᵗʰ

Day 1	Review Exercise	https://youtu.be/dTE4LwRqJNU	Q15. Calculate the mass of the following: a) 3.24×1018 atoms of iron b) 2×1010 molecules of Nitrogen gas c) 1×1025 molecules of water d) 3×106 atoms of Al
Day 2	Think Tank questions	https://youtu.be/dTE4LwRqJNU	Q1. What mass of sodium atom contains the same number of atoms as 12g of carbon? Q2. What mass of oxygen contains the same number of molecules as 42g of nitrogen? Q3. Calculate the mass of one hydrogen atom in grams.
Day 3	Think Tank Exercise	https://youtu.be/dTE4LwRqJNU	Q. calculate the number of H-atoms in 18g of H_2O. Q. calculate the total number of atoms present in 18g H_2O.

WEEK 10ᵗʰ

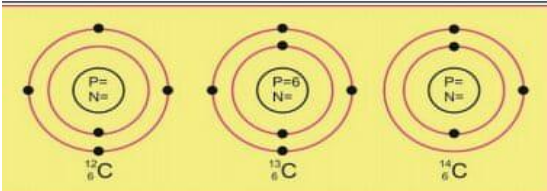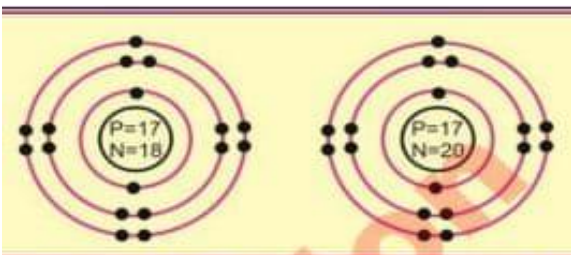| Day	Topic	Video Lecture Links	Task
Day 1	Rutherford's Atomic Model	https://youtu.be/IypYHiNETyI	Q1. Write down the conclusions of Rutherford's atomic model along with labelled diagram of Rutherford's experiment. Q2. Write a short note on Planetary model of atom according to Rutherford.
Day 2	Defects in Rutherford's Atomic Model	https://youtu.be/kh3iE6XRLDs	Q1. Explain the similarity between solar system and an atom according to Rutherford. Q2.state the defects of Rutherford's model.
Day 3	Bohr's Atomic Theory	https://youtu.be/fm2C0ovz-3M https://youtu.be/IRESeM54ttU	Q. Draw Bohr's Model for the following atoms indicating the location for electrons, protons and neutrons, (a) Carbon (Atomic No. 6,Mass No. 12) (b) Chlorine (Atomic No. 17, Mass No. 35)

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WEEK 11th

Day	Topic	Video Lecture Link	Task
Day 1	Isotopes	https://youtu.be/DqnA5WA-IFs	Q. Write down similarities and difference between isotopes of an atom.
Day 2	Isotopes of Hydrogen and Carbon	https://youtu.be/kpp9HC69TI8 https://youtu.be/rwtAa8LwCx8	Q. Write down a detailed note on Isotopes of Hydrogen and draw a table for comparison between Ordinary water and Heavy water. Q. write down a note on isotopes of Carbon.
Day 3	Isotopes of Chlorine and Uranium	https://youtu.be/rwtAa8LwCx8	Q. write down note on following: (a) isotopes of Chlorine (b) isotopes of Uranium (c) Radioactive nature of Uranium-235.

WEEK 12th

Day	Topic	Video Lecture Links	Task
Day 1	Electronic configuration	https://youtu.be/qWSnL2-CXy4 https://youtu.be/mD36O48UsGY https://youtu.be/ZY-J9Dop1Dk	Q. write down difference between Shells and sub-shells.
Day 2	Electronic configuration of first 18 elements	https://youtu.be/AIjN1guVMS8 https://youtu.be/DhTMmrut4vc	Q. write down electronic configuration of first 18 elements: H,He,Li,Be,B,C,N,O,F,Ne,Na Mg,Al,Si,P,S,Cl,Ar
Day 3	Electronic configuration of Isotopes	https://youtu.be/GyAAHssPC6Q	Q. Write down the electronic configuration for the following isotopes: (a) $_6^{12}C$ (b) $_{17}^{35}Cl$ (c) $_{17}^{37}Cl$

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WEEK 13th

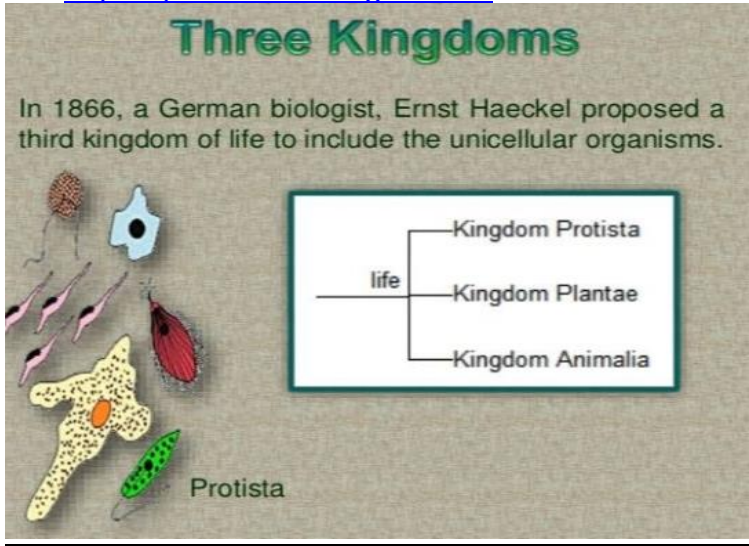| Day	Topic	Video Lecture Links	Task
Day 1	Revision of Bohr's Atomic Model	https://youtu.be/fm2C0ovz-3M https://youtu.be/IRESeM54ttU	Q. Draw Bohr's atomic model for following atoms: (a) Magnesium (Atomic no. 12,Mass no. 24) (b) Aluminum (Atomic no. 13,Mass no. 27)
Day 2	Revision of Isotopes	https://youtu.be/GyAAHssPC6Q	Q1. Carbon has three isotopes $_6^{12}C$, $_6^{13}C$, $_6^{14}C$ Figure 2.6 shows incomplete structure of isotopes of carbon. Can you complete it? Natural abundance of isotopes of carbon is as follows $_6^{12}C = 98.8\%$, $_6^{13}C = 1.1\%$, $_6^{14}C = 0.009\%$ **Figure 2.6 Isotopes of Carbon** Q2. Chlorine has two isotopes. Figure 2.7 shows the structure of isotopes of chlorine. Can you write isotope symbol for each? Isotope symbols: _____ _____ Natural abundance 75.77% 24.23% **Figure 2.7 Isotopes of chlorine**
Day 3	Revision of Electronic configuration	https://youtu.be/qWSnL2-CXy4 https://youtu.be/mD36O48UsGY https://youtu.be/ZY-J9Dop1Dk	Q. Give answers to the following questions: 1. An atom is electrically neutral, why? 2. How many sub-shells are there in N shell? 3. Give notations for sub-shells of M shell? 4. List the sub-shells of M shell in order of increasing energy. 5. Can you identify an atom without knowing number of neutrons in it?

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BIOLOGY

Week 8th Day 1

Subject	Biology
Topic **(Pages-36)**	**3.3-History of classification system** ➢ **Two kingdom classification system**
Text Book Reading	➢ Read 3.3 History of classification system and two- kingdom classification given on page 36 . It explains the earliest known system of classification of organisms. The following link may prove useful in explaining the concept. https://youtu.be/8xor3xFCWxo
Written work	**Q-1 Why there was need of three kingdom classification system ? Why two kingdom classification was not successful?**
Table showing the Aristotle's classification system	

Week 8ᵗʰ Day 2

Subject	Biology
Topic **(Pages-37)**	**3.3.2- Three Kingdom classification System**
Text Book Reading	➢ Read 3.3.2 Three-kingdom classification system on page no.37. It explains the third kingdom i.e. protista to accommodate euglena-like organisms. The following link may prove useful in explaining the concept. https://youtu.be/319FgfU2xoM
Written work	**Q-1 What is three-kingdom classification?**

Day 3

Subject	Biology
Topic **(Pages-36-37)**	**3.3-History of classification system** ➢ **Two kingdom classification system** ➢ **Three kingdom- classification**
Revision from text book pages 36-37	➢ Students will be able to revise the concept of Two-kingdom classification and Three kingdom classification.
Written work	**Q- Draw a table showing the work of biologists on classification method.(Refer to pg. no.36)**

Biology Week-9th
Day 1

Subject	Biology
Topic **(Pages-37-39)**	**3.3.3- Five kingdoms of classification system**
Text Book Reading	➢ Read 3.3.3 The Five Kingdoms of Classification System on page no.37. It explains the five kingdoms of classification system i.e. **Monera, Protista, Fungi, Plantae** and **Animalia.** The following link may prove useful in explaining the concept. https://youtu.be/NTYgT9Ferhg **Robert H. Whittaker (1969)** Organisms Prokaryotic → MONERA Eukaryotic Unicellular → PROTISTA Multicellular With cell wall Without cell wall → ANIMALIA Phototrophic → PLANTAE Heterotrophic → FUNGI
Written work	**Q-1 What are the characteristics of five kingdom classification? Refer to pg no 39**

Day 2

Subject	Biology
Topic **(Pages-39)**	**Status of Virus**
Text Book Reading	➢ Read Status of Virus given on page 39 . It explains viruses are not considered as organisms. The following link may prove useful in explaining the concept. https://youtu.be/Dqyw3LEnyLA
Written work	**Q-1 Justify why viruses are excluded from the five-kingdom.**

Day 3

Subject	Biology
Topic **(Pages-37-39))**	**3.3.2-Five- Kingdom classification System**
Text Book Reading	➢ Revise Five-kingdom classification system on page no.37-39. The following link may prove useful in explaining the concept. https://youtu.be/NTYgT9Ferhg
Written work	**Q. Write few lines about all the Five-kingdom.**

Biology Week- 10th Assignment
Day 1

Subject	Biology
Topic **(Pages-39-40))**	**3.5 – Binomial Nomenclature**
Text Book Reading	➢ Read 3.5 Binomial Nomenclature given on pg. no.39-40) It explains the method of giving scientific names of living organisms. The following link may prove useful in explaining the concept. https://youtu.be/NoYHhbj9Q-A
Written work	**Q-1 Describe the aims and principles of Binomial Nomenclature? Refer to pg. no 39-40**

Day 2

Subject	Biology
Topic **(Page39-40)**	**3.5 Binomial Nomenclature** **https://youtu.be/NoYHhbj9Q-A**
Written work	Q- What is the significance of Binomial Nomenclature?

Day 3

Subject	Biology
Topic **(Page39-40)**	**3.5 Binomial Nomenclature** **https://youtu.be/NoYHhbj9Q-A**
Written work	Q-Draw a table and write down the common names of different organisms along with their scientific names.

Biology Week 11ᵗʰ Assignment
Day 1

Subject	Biology
Topic (Pages-41)	**3.6 Conservation of biodiversity**
Text Book Reading	➢ Read 3.6 Conservation of biodiversity given on pg. no.41 It explains the protection upliftment and management of biodiversity. The following link may prove useful in explaining the concept. https://youtu.be/EFS4rjkQeoU
Written work	**Q-1 What is conservation of biodiversity?** **Q-2 Differentiate between the terms "extinct" and "endangered"** ⬆ **Figure showing the examples of endangered and extinct animals**

Day 2

Subject	Biology
Topic **(Pages-41-42)**	**3.6.1- Impact of Human Beings on Biodiversity**
Text Book Reading	➢ Read 3.6.1 Impact of human beings on biodiversity given on pg no. 41-42. It explains the Impact of human beings on biodiversity The following link may prove useful in explaining the concept. https://youtu.be/al5KMtHqyDo
Written work	**Q-1 Explain the Impact of human beings on biodiversity?** **Q-2 Explain with the help of pie chart "Known causes of species extinctions"** **Causes of Extinction** Hunting and Poaching 23% Other 2% Introduced Species 39% Habitat Loss 36%

Day 3

Subject	Biology
Topic **(Pages-41-42)**	3.6.1- Impact of Human Beings on Biodiversity The following link may prove useful in explaining the concept. http://youtu.be/al5KMtHgyDo
Written work	Q-1 What happens if Sea stars are removed from a region? Q-2 How Eucalyptus harms other small plants that grow near it?

Biology Week 12th Assignment
Day 1

Subject	Biology
Topic **(Pages-43-44)**	**3.6.2-Deforestation and Over-Hunting**
Text Book Reading	➢ Read 3.6.2 Deforestation and Over-Hunting given on pg. no.43-44 It explains the effect of deforestation and over-hunting on biodiversity. The following link may prove useful in explaining the concept. https://youtu.be/CmUQ6qBMEDE
Written work	**Q-1 Identify causes of deforestation and its effect on biodiversity.**

Day 2

Subject	Biology
Topic **(Pages-43-44)**	**3.6.2-Deforestation and Over-Hunting**
Text Book Reading	➢ Read 3.6.2 Deforestation and Over-Hunting given on pg. no.43-44 It explains the effect of deforestation and over-hunting on biodiversity. The following link may prove useful in explaining the concept. https://youtu.be/CmUQ6qBMEDE
Written work	**Q-1 Differentiate causes and effects of biodiversity from given table**

Day 3

Subject	Biology
Topic __ **(Pages-43-44)**	**3.6.2-Deforestation and Over-Hunting**
Text Book Reading	➢ Read 3.6.2 Deforestation and Over-Hunting given on pg. no.43-44 It explains the effect of deforestation and over-hunting on biodiversity. The following link may prove useful in explaining the concept. https://youtu.be/CmUQ6qBMEDE
Written work	**Q-1 What are the effects of over-hunting?(Refer to pg no.44)**

Biology Week 13th Assignment
Day 1

Subject	Biology
Topic **(Pages-43-44)**	**3.6.3-Steps for the conservation of Biodiversity**
Text Book Reading	➢ Read 3.6.3 Steps for the conservation of Biodiversity given on pg. no.44-45. It explains the steps taken in Pakistan in order to conserve species and associated habitats. The following link may prove useful in explaining the concept. https://youtu.be/54Xd5Uy-Cgw
Written work	**Q-1 Describe some of the programs running in Pakistan for the conservation of Biodiversity.**

Day 2

Subject	Biology
Topic **(Pages-43-44)**	**3.6.4-Endangered species in Pakistan**
Text Book Reading	Read 3.6.4 Endangered species in Pakistan given on pg. no.45-46. It explains the endangered species in Pakistan. The following link may prove useful in explaining the concept. https://youtu.be/vZdKzQfCcc
Written work	**Q-1 Write down short notes on following endangered species in Pakistan.** **a- Indus dolphin b- Marco polo sheep c- Houbra bustard**

Day 3

Subject	Biology
Topic **(Pages-43-44)**	**Ch. 3: Biodiversity**
Text Book Reading	➢ Read Ch. 3 Biodiversity, It will help you to solve the given **Mcqs** given on pg no. 48-49. The following link may prove useful in explaining the concept. https://youtu.be/FQE0_wU7WaY
Written work	**Q-1. Solve the Mcqs given on pg no. 48-49**

Computers

Week 8th	
Day 1	Explain Classifications of Digital Computers by taking picture of the topic and open up the picture and start screen recording for line by line explaining the topics for better understanding and share those short explanatory videos with your students or share the given below link https://www.youtube.com/watch?v=Qr-HLJvN_Sc
Day 2	Explain Role of Computers BY SCREEN RECORDING • Education • Business • Defense • Media • Manufacturing OR Share this link with your students https://www.youtube.com/watch?v=y6xCNCWS8Lo&list=PLI-NxcTUPiPynEJRU-P297vyVP8iC92Wx&index=4

Day 3	Worksheet for previous Topics of the week
	
	   a. Name few house hold appliances in which microprocessor is used?
	   b. Give any three uses of computers in a school library?
	   c. How a student can use computer to improve academic performance?
	   d. In which organizations minicomputer is used now a days?
	
	Give Mcqs Test of classification of computers and Role of computer for the next week.

Week 9th	
Day 1	**Take test in Mcqs format on Google Forms** https://docs.google.com/forms/ when teachers create quiz in google forms, kindly assign grading points to each mcqs and also mark correct answers while creating it and do appropriate setting of quiz. Share quiz link with students when all the students submit their responses, release their scores that they will get on there emails or share at your own in WhatsApp groups. That will motivate the students to take keen interest in the studies. Here is an example for quiz https://forms.gle/Vw59wfsBxQ4XWuhW7

Day 2	Explain Careers in Information Technology (IT) pg 19 and 20 at your own or share this video link https://www.youtube.com/watch?v=wAgsknqRPcQ

Day 3	Worksheet
	    a. What is the classification of software engineer?
	    b. Describe the responsibilities of database administrator and web designer?
	
	Test Careers in Information Technology

Week 10th

Day 1	Test in mcqs format Careers in Information Technology https://forms.gle/Vw59wfsBxQ4XWuhW7
Day 2	Share tutorial on Hardware components of Computer • Input Devices https://www.youtube.com/watch?v=N66i9_-khGs

Day 3	Share explanatory tutorial on System Unit
	    • Motherboard
	    • Microprocessor
	    • ALU
	    • Control Unit
	    • Registers

Week 11th

Day 1	Share tutorial on Storage Devices
	    • Hard Disk
	    • DVD
	    • Memory Card
	    • USB Flash Drive
	https://www.youtube.com/watch?v=Bdj_vk4jx_A

Day 2	Share tutorial on output devices
	    • Monitor
	    • Printer
	https://www.youtube.com/watch?v=IpKHRBqwEEc
	https://www.youtube.com/watch?v=AZeTermZ4h8

Day 3	Share tutorial on
	    • Plotter
	    • Speaker
	Test All hardware components of computer

Week 12th	
Day 1	Test in mcqs HARDWARE COMPONENTS OF Computer https://forms.gle/Vw59wfsBxQ4XWuhW7
Day 2	Share tutorial on Memory • RAM • ROM • Cache Memory https://www.youtube.com/watch?v=tIN6rS982qs

Day 3	Worksheet
	  a. What is the difference between impact and non-impact printers?
	  b. Differentiate between RAM and ROM?
	  c. What is the working of Motherboard?

WEEK 13th	
Day 1	Share tutorial on Ports, Expansion Slots and Expansion Slots. https://www.youtube.com/watch?v=Gj547wcaEM0
Day 2	Basic operations of computers https://www.youtube.com/watch?v=lnaFKAkrdYo
Day 3	Test in mcqs on Ports, Expansion Slots and Expansion Slots. And basic operations of computers https://forms.gle/Vw59wfsBxQ4XWuhW7

Pakistan-Studies

Week: 8th

Day 4

Chapter no: 1   "Ideological Basis of Pakistan"

Write the short answers.
1. What does Touheed mean?
2. What do meant by the faith in prophet hood?
3. While inauguration the state bank, what did Quaid-e-Azam say.
4. What did Allama Muhammad Iqbal say about the foundation Muslim Millat.

Video links
https://www.youtube.com/watch?v=rsyxeHZRNcw
https://www.youtube.com/watch?v=TegiAnH7gTs

Day 5

Chapter no: 1   "Ideological Basis of Pakistan"

Write the short answers
1. What is the saying of the Hazrat Muhammad about brotherhood
2. What is meant by two-nation theory in the historical perspective of the sub-continent?
3. What did Quaid-e-Azam say about the security of minorities?
4. What did Allama Muhammad Iqbal mention in his famous Allahabad address?

Video links
https://www.youtube.com/watch?v=-OfJwIBG8vQ
https://www.youtube.com/watch?v=qRV7XzJGamA

Day 6

Chapter no: 1   "Ideological Basis of Pakistan"

Write the short answers
1. What is mean by ideology
2. When did ChaudharyRehmat Ali propose the word Pakistan?

Review: MCQS, Match column and Fill in the blanks from textbook
Write the answers in detail
1. Evaluate the Islamic values that are the basis of the ideology of Pakistan

Video links
https://www.youtube.com/watch?v=B6YDnTJUwrA

Week: 9th

Day 4

Chapter no: 1   "Ideological Basis of Pakistan"

Write the answers in detail
2. Elaborate the ideology of Pakistan in the light of the pronouncements of Quaid-e-Azam.
3. Describe the ideology of Pakistan in the light of the pronouncements Allama Muhammad Iqbal.

Video links
https://www.youtube.com/watch?v=sfjC9t3RVaM
https://www.youtube.com/watch?v=HRpWRN6hV6s

Day 5

Chapter no: 1   "Ideological Basis of Pakistan"

Write the answers in detail
  4. Explain two nation theory

Write note on the following
  a) The economics condition of the Muslims in India before partition
  b) Origin of ideology and its significance.

Video links
https://www.youtube.com/watch?v=zywItVJE4f4
https://www.youtube.com/watch?v=laJW8wRocys
https://www.youtube.com/watch?v=fItRGLZRG-Q

Day 6

Chapter no: 2   "Making of Pakistan"

Write the short answers
  1. Which resolution was presented by the chief minister Bengal, MrHussainShaheedSuhrawardy in the convention of Assembly members in 1946?
  2. Narrate three proposals of Cripps mission.
  3. While presiding over the All India Muslim League session at Lahore in 1940, Quaid identified the direction for the struggle of the Muslims. Write any two points of this address.

Video links
https://www.youtube.com/watch?v=zjkbx7yxeYs
https://www.youtube.com/watch?v=pstg7UnjgDs

Week10th

Day 4

Chapter no: 2   "Making of Pakistan"

Write the short answers
  1. What was the reply of Quaid in Jinnah-Gandhi talks 1944?
  2. Many important personalities presented the opinion to partition India. Write the names of any five such personalities.
  3. How did the provincial groups formed in the cabinet mission plan?
  4. Write any three points of the Wavell plan.

Video Links
https://www.youtube.com/watch?v=gU2GuVsOBBM
https://www.youtube.com/watch?v=F2EU_3VQIqo
https://www.youtube.com/watch?v=Y0s-tiLrkIY

Day 5

Chapter no: 2   "Making of Pakistan"

Write the short answers
  1. Describe the manifesto of the Muslim league and the congress in general elections 1945-46.
  2. Write the text of the Pakistan Resolution.
  3. Write the names of five ministers of Muslim league included in the interim government.
  4. Write the names of the members of cabinet mission plan 1946.

Video Links
https://www.youtube.com/watch?v=iXzekZvE-Go
https://www.youtube.com/watch?v=pftILDZRsGY
https://www.youtube.com/watch?v=BtELYL99HBo

Day 6

Chapter no: 2   "Making of Pakistan"

Write the short answers
1. Narrate the stand-point of Quaid-e-Azam on Rowlatt Act 1919.
2. How did the India occupy Kashmir?
3. Describe the holding of All parties conference under the 3rd June 1947 plan.
4. How did the Quaid-e-Azam get the title of ambassador of peace?

Video Links
https://www.youtube.com/watch?v=wlLMzqBYIAY
https://www.youtube.com/watch?v=8rmUiLwy7kI

Week11th

Day 4

Chapter no: 2   "Making of Pakistan"
Write the answers in detail.
1. Narrate the main points of the 3rd June 1947 plan.
2. Describe the background of the Pakistan Resolution, its basic points and the reaction of Hindus at the approval of this resolution**.**

Video Links
https://www.youtube.com/watch?v=iFoFPoVIt5Q
https://www.youtube.com/watch?v=q60AI6LKbl4
https://www.youtube.com/watch?v=uZR9BchLDo4

Day 5

Chapter no: 2   "Making of Pakistan"
Write the answers in detail.
1. Why elections of 1945-46 were held? How did the results of these elections benefit the Muslims?
2. Describe the role of Quaid-e-Azam in the creation of Pakistan.

Video Links
https://www.youtube.com/watch?v=iXzekZvE-Go
https://www.youtube.com/watch?v=pftILDZRsGY
https://www.youtube.com/watch?v=L_QUQRDzzUc

Day 6

Chapter no: 2   "Making of Pakistan"
Write the answers in detail.
1. Narrate the British colonial system in India.
2. Write the salient features of cabinet Mission Plan 1946.

Review: MCQS, Match column and Fill in the blanks from textbook
Video Links
https://www.youtube.com/watch?v=Os0uZNBUsBY
https://www.youtube.com/watch?v=vrbGfRTHGv0
https://www.youtube.com/watch?v=KKvUNWsx0Iw

Week: 12th

Chapter no:3"land and environment"
Write the short answers.
1. Write five reasons for decreasing of forests.
2. Describe the location of Pakistan.
3. State Five causes of soil pollution.
4. In which mountain range Tochi pass and Gomal pass are situated?
5. Write the types of pollution.

Video links
https://www.youtube.com/watch?v=Nam0ijIagMc

Chapter no:3"land and environment"
Write the short answers.
1. Write the names of five glaciers located in Pakistan.
2. What are the hazards to our environment now-a-days?
3. Describe five steps taken by the government to decrease the industrial pollution.
4. Describe the five steps to reduce environmental pollution.
5. Which is famous peak in the Greater Himalayan Range?

Video links
https://www.youtube.com/watch?v=Nam0ijIagMc

Chapter no:3   "land and environment"
Write the short answers.
1. Write the names of five natural regions of Pakistan.
2. What is the importance of Afghanistan and the countries of central Asia for Pakistan?
3. What steps are being taken by the Government to improve forests?
4. Where is Toba Kakar mountain range situated?

Video links
https://www.youtube.com/watch?v=Nam0ijIagMc

Week: 13th

Chapter no: 3   "land and environment"
Write detailed answers.
1. Evaluate the significance of the location of Pakistan.
2. Give an account of the mountain ranges in Pakistan.

Video links
https://www.youtube.com/watch?v=J-QirTGkRVs
https://www.youtube.com/watch?v=GuUIeTbix-E
https://www.youtube.com/watch?v=yAhRdvZ1toc

Day 5

Chapter no:3   "land and environment"
Write detailed answers.
1. Write notes on the following:
   - ❖ Plateau
   - ❖ plain
2. In how many climatic regions is Pakistan divided? Write the detail of each region.

Video links
https://www.youtube.com/watch?v=DDEc0hFUYqI
https://www.youtube.com/watch?v=d-gd2_4UDAY
https://www.youtube.com/watch?v=5F13XYotfrE

Day 6

Chapter no:3   "land and environment"
Draw and label map of the "physical Features of Pakistan" Page no 58 from textbook
Write notes on the following:
   - ✚ Advantage of forestation
   - ✚ Disadvantage of deforestation

Video links
https://www.youtube.com/watch?v=eosvzeLOfjg
https://www.youtube.com/watch?v=kYlvjdJPYV8
https://www.youtube.com/watch?v=dq61NIfszDs

General Knowledge

- **Information Technology**

Week 8th

1) Which of the following is an example of mobile computers?

A) ◉ PDA

B) ○ Desktop computers

C) ○ Cray-1

D) ○ SDS-92

2) Which is the Super computer developed by India?

A) ○ Param

B) ○ Anurag

C) ○ Abacus

D) ○ Both (a) and (b)

ISBN 978-93-802299-11-2

3) What is the given strip of black lines called?

A) ○ Strip code

B) ○ Barcode

C) ○ Line code

D) ○ Bill code

4) What device is used for reading cheques in banks?

A) ○ Scanner

B) ○ OMR

C) ○ Bar code reader

D) ○ MICR

5 .Who invented optical fiber?

○	T.H. Maimah
○	Percy L. Spencer
○	Samuel Choen
	Narinder Kapany

- 6) Which device is used to scan the input and convert it into a computer file?

A) ○ Keyboard

B) ○ Mouse

C) ○ Scanner

D) ○ Microphone

- 7) What is the device used for checking a multiple answer sheet.

A) ○ OMR

B) ○ OCR

C) ○ MICR

D) ○ Light pen

- 8) What is meant by double click?

A) ○ Pressing the left button of the mouse.

B) ○ Holding the left button and moving.

C) ○ Pressing the right button of the mouse twice.

D) ○ Quickly clicking left mouse button twice.

- 9) Web camera is a/an ___ device.

A) ○ input

B) ○ output

C) ○ memory

D) ○ Both (a) and (b)

- 10. What do you understand by OCR?

A) ○ Optical Card Reader.

B) ○ Optical Calculation Reader.

C) ○ Optional Card Reader.

D) ○ Optical Character Recognition.

Week 9th

1. Which technology is used in Compact disks?
A. MechanicalB. Electrical
C. Electro Magnetic D. Laser
2. Which of the following storage devices can store maximum amount of data?
A. Floppy Disk B. Hard Disk
C. Compact Disk D. Magneto Optic Disk
3. Which of the following is the largest manufacturer of Hard Disk Drives?
A. IBM   B. Seagate
C. Microsoft D. 3M
4.Who built the first Mechanical Calculator
A. Joseph Marie Jacquard B. John Mauchly
C. Blaise Pascal D. Howard Aiken
5.Punched cards were first introduced by
A. Powers B. Pascal
C. Jacquard D. Herman Hollerith
6.Word length of a Personal Computer is ___
A. 4 bits B. 8 bits
C. 16 bits D. 64 bits
7. When did John Napier develop logarithm?
A. 1416 B. 1614
C. 1641 D. 1804
8.A normal CD-ROM usually can store up to _____data?
A. 680 KB B. 680 Bytes
C. 680 MB D. 680 GB

9.Which two sites offer free emails?

   A.Yahoo and google

   B. Apple and ebay

   C. Ebay and google

   D. Amazon and Hotmail

10.Which of the following is a valid email address?

   o   A. Johnbrown.com
   o   B. Johnbrown@com
   o   C. Johnbrowngmail.com
   o   D. Johnbrown@gmail.com

Week 10ᵗʰ

1. Which of these is a valid webpage address?

- o   A. Www.johnbrown.com
- o   B. Http://johnbrown@www.com
- o   C. Www.johnbrown@yahoo.com
- o   D. Ww.johnbrown.com

2. Is it possible to have more than one web page open at the same time?

- o   A. Yes
- o   B. No

3. Which one of the following is a search engine?

- A. Chrome
- B. Altavista
- C. Msn
- D. Netscape

4. Having inserted my flash drive into the computer I now want to see what files are stored on it. What should I do?

- o   A. Click on internet explorer
- o   B. Click on my computer
- o   C. Click on the desktop
- o   D. Click on the quick launch toolbar

5. Which of the following keys does not appear twice on the keyboard?

- o   A. Ctrl
- o   B. Enter
- o   C. Alt
- o   D. Esc

6. The ribbon is used in ?
1. Laser Printer
2. Plotter
3. Ink-jet printer
4. Dot Matrix printer

7. Full form of "DOCOMO" ?
1. Do Connect over Mobile
2. Do Communications Over the Mobile network
3. Dongle Communication Over Mobile
4. Do Communication Or More

8. A DNS translates a domain name into what ?
1. Binary
2. Hex
3. IP
4. URL

9. When was the first e-mail sent ?
1. 1963
2. 1969
3. 1971
4. 1974

10. Which of the below is not an iPhone 4 feature ?
1. 4G
2. Front facing camera
3. HD recording
4. Multitasking

Week 11th

1.Why would a switch be used in a network in preference to a HUB ?
1. To reduce the network traffic
2. To prevent the spread of all viruses
3. To connect a computer directly to the internet
4. To manage password security at the work station

2.What should be done to successfully convert the format of an image from BMP to JPEG
1. Compress the file
2. Rename the image
3. Use the save as command
4. Change the image file extension

3.In what year was the @ chosen for its use in email address ?
1. 1972
2. 1976
3. 1980
4. 1984

4.Which American computer company is called Big Blue ?
1. IBM
2. Compaq Corp
3. Microsoft
4. Tandy Svenson

5.The IBM PC-XT was the first to include a hard drive. What was the capacity of this disk ?
1. 750 KB
2. 10 KB
3. 20 KB
4. 1.44 KB

6. In 1983, which person was the first to offer a definition of the term 'computer virus' ?
1. Smith
2. Cohen
3. Norton
4. Mcafee

7. Which is a programming language among these?

- ○ FTP
- ○ HTML
- ○ HPML
- ○ HTTP

8.The Mac Operating System is developed by:

- ○ IBM
- ○ Microsoft
- ○ Apple
- ○ Samsun

9.A group of 8 bits is called:

- ○ Byte
- ○ File
- ○ Record
- ○ Docume

10.The computer abbreviation "OS" stands for:

- ○ Order of Significance
- ○ Optical Sensor
- ○ Operating System
- ○ Open Software

Week 12th

1.Computer Hard Disk was first introduced by which one of these companies?

○ Microsoft

○ HP

○ Dell

○ IBM

2.The inventor of QWERTY keyboard is:

○ Christopher Latham Sholes

○ Alexander Graham Bell

○ Carlos Glidden

○ Henry Mi

3,The first internet search engine was:

○ Yahoo

○ Archie

○ Google

○ Altavista

4.Who is known as the father of internet?

○ Marc Andreessen

○ Vint Cerf

○ Tom Truscott

○ Alan Perlis

5.**If a computer has more than one processor then it is known as_____?**

    A. Uni-process
    B. Multiprocessor
    C. Multi-threaded
    D. Multi-programming

6.**The computer that process both analog and digital is called_____?**

    A. Analog computer
    B. Digital computer
    C. Hybrid computer
    D. Mainframe computer

7. **WAN stands for_____?**

A. Wap Area Network
B. Wide Area Network
C. Wide Array Net
D. Wireless Area Network

8. **CPU contains_____?**

A card reader and a printing device
B. an analytical engine and a control unit
C. a control unit and an arithmetic logic unit
D. an arithmetic logic unit and a card reader

9. **The first computers were programmed using_____?**

A. Assembly language
B. Machine language
C. Source code
D. Object code

10. **Which device is required for the Internet connection?**

A. Joystick
B. Modem
C. CD Drive
D. NIC Card

Week 13th

1. **The capacity of 3.5 inch floppy disk was_____?**

A. 1.40 MB
B. 1.44 GB
C. 1.40 GB
D. 1.44 MB

2. **CAD stands for_____?**

A. Computer aided design
B. Computer algorithm for design
C. Computer application in design
D. Computer analogue design

3. **which statement describe "Hackers"?**

A. all have the same motive
B. break into other people's computers
C. may legally break into computers as long as they do not do any damage
D. are people who are allergic to computers

4. **Example of non-numeric data is_____?**

A. Employee address
B. Examination score
C. Bank balance
D. All of these

5. **_____ represents raw facts, where-as_____ is data made meaningful?**0

A. Information, reporting
B. Data, information
C. Information, bits
D. Records, bytes

6. **Which programming languages are classified as low level languages?**

A. BASIC, COBOL, Fortran
B. Prolog
C. C, C++
D. Assembly languages

7. **Which of the following is a storage device?**

A. Tape
B. Hard Disk
C. Floppy Disk
D. All of the above

8.Which of the following is first generation of computer?

A. UNIVAC
B. IBM-1401
C. CDC-1604
D. ICL-2900

9.In analogue computer_____?

A. Input is first converted to digital form
B. Input is never converted to digital form
C. Output is displayed in digital form
D. All of above

10.DOS stands for_____?

A. Disk Operating System
B. Disk operating session
C. Digital Operating System
D. Digital Open system

https://www.proprofs.com/quiz-school/story.php?title=grade-7-information-technology-graded

https://www.google.com/search?q=mcqs+of+computer+7th+class&rlz=1C1CHBF_enPK879PK879&oq=mcqs+of+computer+7th&aqs=chrome.1.69i57j33.45008j0j7&sourceid=chrome&ie=UTF-8

https://gotest.pk/general-knowledge/computers/basic-information-technology-info-quiz-1-online-mcqs-questions-test/

https://pakmcqs.com/category/computer-mcqs/page/9

http://cs-mcqs.blogspot.com/2012/11/information-technology-solved-mcqs.html

- **General Knowledge Science:**

Week 8th

Question 1
Which is the outermost planet in the solar system?

Question 2
Severe deficiency of Vitamin D results in _____ .

Question 3
Milk contains water

Question 4
The SI unit of charge is _____?

Question 4
The SI unit of charge is _____?

Question 5
Deficiency of Vitamin-A results in _____?

Question 6
The density of water is _____?

Question 7
The Sun is a _____?

Question 8
The gas used in a refrigerator to cool water is _____?

Question 9
The average adult has a blood volume of about _____ liters.

Question 10
Each day human body breathe in _____ liters of air.

Week 9th

Question 1
CNG stands for?

Question 2
1 nanometer = ?

Question 3
The branch of science which deals with the properties of matter and energy is called_____?

Question 4
Blood is cleaned by _____?

Question 5
The planet which is easily visible from the Earth is?

Question 6
1 light year = ?

Question 7
Einstein's famous equation which states that mass and energy are interchangeable is?

Question 8
Digestion of food is completed in the _____?

Question 9
Carrot is good source of Vitamin _____?

Question 10
For proper formation of teeth,_____ is essential?

Week 10th

Question 1
What are the primary colors of Light?

Question 2
The gas, commonly known as "laughing gas", is

--

Question 3
Wind energy is the _____ energy.

--

Question 4
Water covers _____ of the Earth's surface?

Question 5-
 The symbol of Nitrogen is----?

Question 6
 A loudspeaker changes _____ energy into sound energy.

Question 7
The Sun's mass is mainly consist of………?

Question 8
Ozone protects the Earth from harmful ultraviolet radiations from the Sun. The chemical formula of ozone is------?

Question 9
The density of water is----------?

Question 10
The most abundant element in the universe is**---?**

Week 11ᵗʰ

Question 1
When white light is passed through a prism, it splits into _____ colours.

Question 2
The fluid part of blood is known as---?

Question 3
 X-rays were discovered by---?

Question 4
The planet that moves round the Sun at the highest speed is

Question 5
 Oxidation is a chemical reaction involving the

Question 6
At night, Plants intake _____ and release _____.

Question 7
 Urine is produced in
(A) Kidneys
(B) Lungs
(C) Large intestine
(D) Liver

Question 8
The position of an element in the Periodic Table is determined by its _____ number.

Question 9
 In the solar system, the Great Spot is on the planet

Question 10
The SI unit of electric current is

Week 12th

Question 1
The SI unit of Heat is

Question 2
The source of oxygen in photosynthesis is

Question 3
The instrument used to measure wind speed is

Question 4
The energy value of food is measured in

Question 5
Who is considered the founder of meteorology?

Question 6
Water covers _____ of the Earth's surface.

Question 7
Acid rain is mainly caused by emissions of _____ in the atmosphere.

Question 8
The fourth state of matter is

Question 9
_____ are called the powerhouses of the cell.

Question 10
The number of oscillations per second is called the

Week 13th

Question 1

The guitar has _____ strings.

Question 2

The device used to measure movements of the heart is…?

Question 3
According to Big Bang Theory, the Universe began about _____ billion years ago.

Question4
Meteorology is the study of?

Question 5
The good sources of Vitamin-C are

Question6
Wind energy is the _____ energy.

Question 7
Acid rain is mainly caused by emissions of _____ in the atmosphere.

Question8
The nearest planet to the Sun is

Question9
Molecules with identical molecular formulae but with different structural formulae are called

Question 10
Which gas is used in the preparation of soft drinks?

Ihttps://fgstudy.com/quiz/node/14652/take/1

https://sheir.org/edu/mcqs/everyday-science/

https://pakmcqs.com/everyday-science-quiz-test

- ## General Knowledge Islamic studies:

Week 8th

1.The word "Zakat" is mentioned _____ times in the Holy Quran.
 2._____ is levied on agricultural land.
 3.Zakat i s the _____ fundamental pillar of Islam.
 4.A person who is liable to pay Zakat is known as _____.
5The literal meaning of Jehad is _____.
6.Jehad-fi-Sabil Allah is defined as _____.
7. Which prophet was put into fire?
8. Zam Zam means _____.
9. The native place of Hazrat Ibrahim (AS) was _____.
10. A _____ was provided by Allah in place of Hazrat Ismaeel (AS) as sacrifice

Week 9th

1.The creation of Heaven and Earth is mentioned in Surah _____ ?
2. The Holy book Tawrat was revealed on _____ ?
3. The first Zoja-e-Mohtahara of Holy Prophet (SAW) was _____ ?
4. Who is the in charge of Rain.
5. Hazrat Muhammad (SAW) tribe is _____ ?
 6._____ is the greatest miracle of Hazrat Muhammad (SAW).
7. The attributive name of Holy Prophet (SAW), "AHMAD" means _____ ?
8. In which month of Islamic calendar, the first revelation of Quran came to the Holy Prophet (SAW)
9. The last Zoja-e-Motahara of the Holy Prophet (SAW) was _____ ?
10. Holy Prophet (PBUH) delivered his farewell sermon at Arafat on _____ ?

Week 10th

1.How many months prior to the birth of Hazrat Muhammad (SAW),Hazrat Abdullah Ibn-e-Abdul Mutalib died?
2.To whom the Holy Prophet (SAW) went after the revelation of the first Wahi?
3.The first meal in Jannat will be _____ ?
4. Two angels who are appointed on each person are known as _____ .
5. Which country is known as the land of Prophets?
6. Gap between 1st wahi and 2nd wahi was _____ .
7. _____ will blow trumpet on the Day of Judgement
8.Who urged Hazrat Adam (AS) to taste the fruit of prohibited tree?
9. The total number of Makki Surah in Quran is _____ ?
10. The first Hafiz of Holy Quran was _____ .

Week 11th

1.There are _____ Rukus in Holy Quran:

2.The longest Surah in Holy Quran is:

3. How many times **Namaz commanded in Holy Quran ?**

4._____ is the Surah in Holy Quran in which Hajj is commanded:

5.How many Ghazawahs described in Holy Quran.

6.How many Surah in Holy Quran started with the word Qul:

7. Which Surah in Holy Quran is known as Heart of Quran?

8.Which Surah in Holy Quran is known as beauty of Quran?

9.How many Prophets mentioned in holy Quran?

10.How many Surah start with the name of Prophets (A.S) in Holy Quran:

Week 12th

1.Holy Quran was reveled in how many years and months?

2. **In which Surah of Holy Quran Ant is mentioned**

3.**Surah e Ankaboot in Holy Quran Means:**

4.**Only Sahabi mentioned in Holy Quran is:**

5. For 18 years, which Prophet suffered from skin disease.

6. Shaikh Abdul Qadir Jilani is buried in

7. Subject of Holy Quran is ?

8. Who was the foster mother of Prophet Muhammad (PBUH)?

9. In what year "Bait-e-Rizwan" was took place?

10. In which year the laws about orphanage were revealed?

Week 13th

1.For how many times "Paradise" is mentioned in the holy Quran?

2.How many idols were worshiped by the nation of Prophet Noah A.S ?

3.Prophet Ibrahim A.S remained in the fire for _____ days

4.Prophet Moses (Hazrat Musa) A.S was granted _____ miracles.

5.Which Prophet was famous for his patience?

6. After _____ days continuous rain and storm the nation of Prophet Hood A.S was destroyed.

7.Prophet Yousuf A.S and Prophet Yaqoob A.S met each other after _____ years.

8.What was the name of Imam Bukhari (R.A)?

9.*Salat-ul-Khusuf* is offered at the time of…….?

10.The Cave of *Hira* is in the _____ mountain.

https://gotest.pk/mega-quiz/top-important-question-islam-basic-info-online-test-answers-gk/
https://sheir.org/edu/islamic-education-multiple-choice-questions/

- **General Mathematics:**

Week 8th

1. **Question 1. The average of first 50 natural numbers is …………. .**

   ⭕ A. 25.30

   ⭕ B. 25.5

   ⭕ C. 25.00

   ⭕ D. 12.25

Question 2. What is 1004 divided by 2?

   ⭕ A. 52

   ⭕ B. 502

   ⭕ C. 520

   ⭕ D. 5002

Question 3. A clock strikes once at 1 o'clock, twice at 2 o'clock, thrice at 3 o'clock and so on. How many times will it strike in 24 hours?

   ⭕ A. 78

   ⭕ B. 136

   ⭕ C. 156

   ⭕ D. 196

Question 4. 125 gallons of a mixture contains 20% water. What amount of additional water should be added such that water content be raised to 25%?

   ⭕ A. $^{15}/_2$ gallons.

   ⭕ B. $^{17}/_2$ gallons.

   ⭕ C. $^{19}/_2$ gallons.

   ⭕ D. $8^{1}/_3$ gallons.

Question 5. $106 \times 106 - 94 \times 94 = ?$

   ⭕ A. 2004

   ⭕ B. 2400

   ⭕ C. 1904

   ⭕ D. 1906

Question 6. The simplest form of 1.5 : 2.5 is …………… .

○ A. 6 : 10

○ B. 15 : 25

○ C. 0.75 : 1.25

○ D. 3 : 5

Question 7. 50 times 5 is equal to

○ A. 2500

○ B. 505

○ C. 500

○ D. None of these

Question 8. 90 ÷ 10

○ A. 9

○ B. 10

○ C. 900

○ D. 1

Question 9. How many digits are there in 1000?

○ A. One digit

○ B. Two digits

○ C. Three digits

○ D.Four digits

Question 10. What is the largest two digits prime number?

○ A. 96

○ B. 97

○ C. 98

○ D. 99

Question 1. 2 is a …………… number.

○ A. Odd

○ B. Prime

○ C. composite

○ D. None of these

Question 2. How many hours in 90 minutes?

A. 1.5 hours

○ B. 1.30 hours

○ C. 1 hour

○ D. None of these

Question 3. Name a triangle whose two angles are equal.

○ A. Right angle triangle.

○ B. Isosceles triangle.

○ C. Scalene triangle.

○ D. None of these.

Question 4. When we multiply an exact number by zero what will be the exact answer?

○ A. the exact number.

○ B. cannot be multiplied.

○ C. zero.

○ D. None of these.

Question 5. What is 999 times 100.0?

○ A. 199.0

○ B. 999.0

○ C. 9990

○ D. 99900

Question 6. What is the unit of volume?

○ A. square units.

○ B. cubic units.

○ C. only unit.

○ D. None of these.

Question 7. 1010 gram = ……… kg.

○ A. 10.10 kg.

○ B. 101.0 kg.

○ C. 1.001 kg.

○ D. 1.01 kg.

Question 8. Average of three person's age is 9 years. Find the sum of there age.

○ A. 18

○ B. 21

○ C. 24

○ D. 27

Question 9. How many diagonals are there in a quadrilateral?

○ A. 2

○ B. 3

○ C. 4

○ D. No diagonals.

Question 10. Speed of a car is 60 km/hr. Distance covered in 1 ¼ hours is ………

○ A. 60 km.

○ B. 65 km.

○ C. 70 km.

○ D. 75 km.

Week 10th

Question 1. If one side of a square is 35 m, then the area is …….

   A. 1252 m²

   B. 1225 m²

   C. 1252 m

   D. 1225 m

Question 2. An acute angle is …….

   A. 90 degree.

   B. less than 90 degree.

   C. more than 90 degree.

   D. None of these.

Question 3. Which unit is used to measure length and breadth?

   A. Scale.

   B. Meter.

   C. Liter.

   D. Gram.

Question 3. What are the integer solutions of the inequality $|x| < 2$?

   A. 1, 0, and –1

   B. 2, 1, 0, –1, and –2

   C. 2

   D. 2 and –2

Question 4. Which value of x makes the equation true? $x – 7 = –13$

   A. -20 degree.

   B. 20

   C. -6

   D. 6

Question 5. Which of these following set of numbers are factors of 24?

   A. 2, 3, 4, 6, 8

   B. 1, 5, 12, 18

   C. 4, 7, 24

   D. 3, 9, 12

Question 6. If David's age is 27 years old in 2011. What was his age in 2003?

   A. 17 years

   B. 37 years

   C. 20 years

   D. 19 years

Question 7. What is the remainder of 21 divided by 7?

   A. 21

   B. 7

   C. 1

   D. None of these

Question 8. What is 7% equal to?

   A. 0.007

   B. 0.07

   C. 0.7

   D. 7

Question 9. How many years are there in a decade?

   A. 5

   B. 10

   C. 15

   D. 20

Question 10. What is the value of x if $x^2 = 169$

   A. 1

   B. 13

   C. 169

   D. 338

Question 1. What is the reciprocal of 17/15?
Question 2. In a century how many months are there?
Question 3. How many months have 30 days

Question 4. What should be added to $5^3/_7$ to get 12?
Question 5. Find the median of the given data: 13, 16, 12, 14, 19, 12, 14, 13, 14
Question 6. Simplify: 0×10^2
Question 7. Two numbers are in ratio 4 : 5. If the sum of the numbers is 135, find the numbers

Question 8. A car can cover a distance of 522 km on 36 liters of petrol. How far can it travel on 14 liters of petrol?

Question 9. A long rope has to be cut to make 23 small pieces. If it is double folded to start with how many times does it need to be cut?

Question 10. A river flows west to east and on the way turns left and go in a semi-circle round a hillock, and then turns left at right-angles. In what direction is the river finally flowing?

Week 12th

Question 1. Tom was not at school on Saturday last. He was first absent for four days before that. Today is Monday, the 31st of October. When was Tom first absent? Give the day and date.
Question 2. Nil is 23 years 1 month old, Shelly is 18 years 7 months old and Ben is as much older than Shelly is younger than Nil. The age of Ben is …….

Question 3. SiWhat temperature at Celsius scale is equal to 300°K.

Question 4. Each edge of a cube is increased by 50%. What will be the percent increase in its volume?
.
Question 5. The diagonals of a rhombus are 30 cm and 40 cm long. Find its side.
Question 6. The number which is neither prime nor composite is ……. .

Question 7. If 6 is 50% of a number, what is the number?

Question 8. Area of a parallelogram whose base is 9 cm and height is 4 cm is ……….. square cm

Question 9. The quotient in a division sum is 403. The divisor is 100 and the remainder is 58. The dividend is ……… ?
Question 10. Which least number should be added to 2600 to make it a perfect square?

Week 13th

Question 1. A car covers a distance of 200km in 2 hours 40 minutes, whereas a jeep covers the same distance in 2 hours. What is the ratio of their speed?

Question 2.A number is greater than 3 but less than 8. Also the number is greater than 6 but less than 10. What is the number?

Question 3. The sum of squares of two numbers is 80 and the square of difference between the two numbers is 36. Find the product of two numbers.

Question 4. If 5 boys take 7 hours to pack 35 cartoons, then how many boys can pack 65 cartoons in 3 hours?

Question 5. Annual income of A is 10% more than of B whereas income of B is 20% more than that of C. If monthly income of C is $ 2000 then what is the sum of monthly incomes of A, B and C?

Question 6 The highest common factor of two numbers is seven. The first number is a two digit square number and the second number is a multiple of five less than 50. What is the difference between these two numbers?]

Question 7
Solve for x. x + 15 = 35

Question 8

What is the probability that at least 2 people in a family of 6 share a birthday?
Question 9
What percent is 1 hour of 24 hours?
Question 10
A pizza is divided into 12 slices. If 4 slices are eaten, what fraction the pizza is left?

https://www.math-only-math.com/general-math-quiz.html
https://study.com/learn/basic-math-questions-and-answers.html

اردو

اردوجماعت ہشتم

ہفتہ: 8

سرگرمی	ذرائع	گھر کا کام	صفحہ نمبر	عنوان	تاریخ
ڈاکٹر اور مریض کے درمیان ایک مکالمہ لکھیں	کتابی مواد	بلند خوانی	۴۷ ـ ۵۲	آرام و سکون	۲۰ جولائی
		مشقی سوالات سوال نمبر ۱ (۱ – ۶)	۵۳		۲۱ جولائی
سید امتیاز علی تاج کا کوئی مزاحیہ ڈرامہ تلاش کر کے پڑھیں		سوال نمبر ۲ـ۷	۵۴،۵۵		۲۲ جولائی

ورک شیٹ نممبر آٹھ:
سوال نمبر ۱:درج ذیل الفاظ کے جملے بنائیں۔
شوروغل: ـــــــــــــــــــــــــــــــــــــ
آرام و سکون: ـــــــــــــــــــــــــــــــــــــ
فقیر: ـــــــــــــــــــــــــــــــــــــ
غزا: ـــــــــــــــــــــــــــــــــــــ
خلل: ـــــــــــــــــــــــــــــــــــــ

ہفتہ 9

سرگرمی	ذرائع	گھر کا کام	صفحہ نمبر	عنوان	تاریخ
کوئی سی نعت اپنی کاپی پر لکھیں	کتابی مواد	بلند خوانی	۱۱۱	نعت	۲۷ جولائی
	نوٹس + کتابی مواد	مشقی سوالات سوا/ جواب ۵-۱	۱۱۲		۲۸ جولائی
نعت کا خلاصہ لکھیں		سوال نمبر ۵-۲	۱۱۲		۲۹جولائی

ورک شیٹ نمبرنو:
سوال نمبر ۱: کالم الف کو کالم ب ملائیں۔

کالم ب	کالم الف
گفتگو	صبا
مردں	طوطی
بلبل	تذکرہ
بو	حسرت
آرزو	حیوان

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ہفتہ: 10

سرگرمی	ذرائع	گھر کا کام	صفحہ نمبر	عنوان	تاریخ
مزکر مونث الگ الگ کریں	کتابی مواد	بلند خوانی	۱۲۵	غزل نمبر ۲	۳ اگست
	نوٹس + کتابی مواد	مشقی سوالات سوا/ جواب ۵-۱	۱۲۶		۴ اگست
غزل کے اشعار میں موجود تشبیہات کی نشاندہی کریں		سوال نمبر ۲+ ۸	۱۲۷		۵ اگست

ورک شیٹ نمبردس:
سوال نمبر ۱: کالم الف کو کالم ب ملائیں۔

کالم ب	کالم الف
سراب	ہستی
گلاب	نمائش
حباب	پنکھڑی
شراب	حالت
اضطراب	مستی

ہفتہ:11

سرگرمی	ذرائع	گھر کا کام	صفحہ نمبر	عنوان	تاریخ
لہو اور قالین کا خلاصہ لکھیں	کتابی مواد	بلند خوانی	۵۷ - ۶۵	لہو اور قالین	۱۰ اگست
		مشقی سوالات سوال نمبر ۱ (۱ – ۵)	۶۶		۱۱ اگست
اس ڈرامے کے کرداروں کے نام لکھیں		سوال جواب ۶ - ۱۰	۶۶		۱۲ اگست

ورک شیٹ نممبر آٹھ:
سوال نمبر ۱:درج ذیل الفاظ کے جملے بنائیں۔
فن کار: ـــــــــــــــــــ
اعزاز: ـــــــــــــــــــ
خوش خبری:ـــــــــــــــــــ
کش مکش: ـــــــــــــــــــ
کارنامہ: ـــــــــــــــــــ

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ہفتہ: 12

	کتابی مواد	سوال جواب سوال نمبر ۲ + ۵	۶۷	لہو اور قالین	۱۷ اگست
	نوٹس + کتابی مواد	سوال نمبر ۶	۶۷		۱۸ اگست
مرزا ادیب کے کسی ڈرامے کا مطالعہ کریں		سوال نمبر ۸+ ۷	۶۷		۱۹ اگست

ورک شیٹ نمبر بارہ :
سوال نمبر ۱: کالم الف کو کالم ب ملائیں۔

کالم ب	کالم الف
مصور	تجمل
سیکرٹری	بابا
سرمایہ دار	مرزا ادیب
ڈرامہ نگار	رؤف
نوکر	اختر

13 ہفتہ:

	کتابی مواد	دُہرائی	۵۳	سبق آرام و سکون	۲۴ اگست
	نوٹس + کتابی مواد	دُہرائی	۶۶	لہو اور قالین	۲۵ اگست
	نوٹس + کتابی مواد	دُہرائی	۱۱۲ + ۱۲۶		۲۶ اگست

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اسلامیات

ہفتہ 8

سرگرمی	ذرائع	گھر کا کام	عنوان	تاریخ
معارف القرآن کی تفسیر کروانا	کتابی مواد	الفاظ/ معنی، سوال /جواب، عبارت کا مفہوم	سوره الانفال آیت نمبر ۳۸ تا ۴۴	۲۳ جولائی
		مشقی سوالات	آیت نمبر ۳۸ تا ۴۴	۲۴جولائی
		حدیث کا ترجمہ و تشریح۔	حدیث نمبر ۳	۲۵ جولائی

ورک شیٹ نممبر آٹھ:
سوال نمبر ۱:اس سبق میں مال غنیمت کے بارے میں کیا حکم دیا گیا ہے؟
_____
_____

سوال نمبر ۲: حدیث کا ترجمہ اور تشریح لکھیں۔
خیر کم من تعلم القرآن وعلمہ
_____
_____

ہفتہ 9

سرگرمی	ذرائع	گھر کا کام	عنوان	تاریخ
معارف القرآن کی تفسیر کروانا	کتابی مواد	الفاظ/ معنی، سوال /جواب، عبارت کا مفہوم	سوره الانفال آیت نمبر ۴۵ تا ۴۸	۳۰ جولائی
		مشقی سوالات	آیت نمبر ۴۵ تا ۴۸	۳۱ جولائی
		حدیث کا ترجمہ و تشریح۔	حدیث نمبر ۴	۱ اگست

ورک شیٹ نممبر نو:
سوال نمبر ۱: کفار کے ساتھ مقابلہ کی صورت میں مسلمانوں کو کن باتوں سے بچنے کا حکم دیا گیا؟
_____
_____

سوال نمبر ۲: حدیث کا ترجمہ لکھیں۔
من صلی علی مرتہ فتح الله کہ بابا من العا فیتہ۔
_____
_____

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ہفتہ: **10**

سرگرمی	ذرائع	گھر کا کام	عنوان	تاریخ
معارف القرآن کی تفسیر کروانا	کتابی مواد	الفاظ/ معنی، سوال /جواب، عبارت کا مفہوم	سوره الانفال آیت نمبر ۴۹ تا ۵۸	۶ اگست
		ترجمہ و واقعات	آیت نمبر ۴۹ تا ۵۸	۷ اگست
		مشقی سوالات		۸ اگست

ورک شیٹ نممبر دس:

سوال نمبر ۱:اس سبق میں فرعون اور آل فرعون کی ہلاکت اور بربادی کے کیا اسباب بیان کیے گئے ہیں؟
_____
_____

سوال نمبر ۲: کفار کی جانب سے عہد شکنی کی صورت میں الله تعالی نے نبی اکرم صہ کو کیا ہدایات دیں؟
_____
_____

ہفتہ: **11**

سرگرمی	ذرائع	گھر کا کام	عنوان	تاریخ
معارف القرآن کی تفسیر کروانا	کتابی مواد	الفاظ/ معنی، سوال /جواب، عبارت کا مفہوم	سوره الانفال آیت نمبر ۴۹ تا ۵۸	۱۳ اگست
		حدیث کا ترجمہ و تشریح	حدیث نمبر ۵	۱۴ اگست
		دُہرائی		۱۵ اگست

ورک شیٹ نمبرگیارہ:

سوال نمبر ۱:دئیے گئے الفاظ کے معنی لکھیں۔

غر:۔ _____
کداب:۔ _____
شرد: _____
فانبذ: _____
تثقفن: _____

سوال نمبر ۲: حدیث کا ترجمہ اور تشریح لکھیں۔
لا یومن احد کم حتی یکون ھواہ تبعا لما جئت بہ۔
_____
_____
____

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ہفتہ:12

تاریخ	عنوان	گھر کا کام	ذرائع	سرگرمی
۲۰اگست	اللہ تعالیٰ اور اس کے رسول صلم کی محبت و اطاعت	الفاظ/ معنی، سوال /جواب، عبارت کا مفہوم	کتابی مواد	موضوعاتی مطالعہ
۲۱ اگست		مشقی سوالات		
۲۲ اگست	علم کی فرضیت و فضیلت	الفاظ/ معنی، سوال/ جواب		

ورک شیٹ نمبر بارہ:
سوال نمبر ۱: قرآن کریم کی کسی آیت کے حوالے سے ختم نبوت کا مفہوم واضح کریں؟
_____
_____

سوال نمبر ۲: قرآن کی روشنی میں علم کی اہمیت بیان کریں۔
_____
_____

ہفتہ: 13

تاریخ	عنوان	گھر کا کام	ذرائع	سرگرمی
۲۷ اگست	علم کی فرضیت و فضیلت	الفاظ/ معنی، سوال /جواب، عبارت کا مفہوم	کتابی مواد	معارف القرآن کی تفسیر کروانا
۲۸اگست		مشقی سوالات		
۲۹ اگست	حدیث نمبر ۶ نصف	حدیث کا ترجمہ وتشریح		

ورک شیٹ نمبرتیرہ:
سوال نمبر ۱:احادیث کی روشنی میں حصول علم کی اہمیت پر نوٹ لکھیں۔
_____
_____

سوال نمبر۲: حدیث کا ترجمہ اور تشریح لکھیں۔
من احب للہ واعطیٰ للہ و منع للہ فقدستکمل آل ایمان۔
_____
_____

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Mathematics
Class: Pre 9th

Week 8th   **System of linear equation using Cramer's rule.**

Day -1
- Exercise 1.6 (*Q: 1 all parts)*
- Video lecture links

https://www.youtube.com/watch?v=1I18Y9dGOMY&feature=youtu.be&fbclid=IwAR2IQXCAVy5k4SssBqDoT4UURQSD0TMWkiA-OObiU91dAopko1OExf2lqE8

https://www.youtube.com/watch?v=niqDmbS23cM&feature=youtu.be&fbclid=IwAR1tbZSPMw1ktc97cTJE9sDuT2YO9kKgqnKWTRTZ9EKKe5qA7pX8tHYzRKg

Day -2
- Exercise 1.6   (*Q:2 & Q :3)*
- Video lecture links

https://www.youtube.com/watch?v=1I18Y9dGOMY&feature=youtu.be&fbclid=IwAR2IQXCAVy5k4SssBqDoT4UURQSD0TMWkiA-OObiU91dAopko1OExf2lqE8

https://www.youtube.com/watch?v=niqDmbS23cM&feature=youtu.be&fbclid=IwAR1tbZSPMw1ktc97cTJE9sDuT2YO9kKgqnKWTRTZ9EKKe5qA7pX8tHYzRKg

Day -3
- Exercise 1.6 (*Q:4 ,5, 6)*
- Video lecture links

https://www.youtube.com/watch?v=1-8nYsIwesg&feature=youtu.be&fbclid=IwAR2NLu6C9pK5STmJ55njj5ni-9G90kDt5G4PFFXHs1aPC119gwZfiNmgExA

https://www.youtube.com/watch?v=niqDmbS23cM&feature=youtu.be&fbclid=IwAR1tbZSPMw1ktc97cTJE9sDuT2YO9kKgqnKWTRTZ9EKKe5qA7pX8tHYzRKg

Week 9th
Day -1   Review Exercise 1
Video Link:
https://www.youtube.com/watch?v=9IJp9CIpPHc&feature=youtu.be&fbclid=IwAR2p30nr9bF5AEpbkWY9i7ppCiO_tneNImWoQTy0w79TDYmuHzYkZqA1Gqk
Day -2
Revision Test Exercise 1.6 Q: (1,2, 3)
Day -3
Revision Test Exercise 1.6   (*Q: 4 ,5, 6)*

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Week 10th : Real & Complex Numbers

Day -1   Introduction
-Definitions of real numbers, whole no , integers.
-Set of real numbers
Depiction of real numbers on number line

Day -2
-Rational and irrational number
-Representation of rational and irrational number on number line

Day -3
Exercise 2.1
Video lecture link
https://www.youtube.com/watch?v=ZxXaoW6uqO4

Week 11th : Real & Complex Numbers
Day -1
Properties of real numbers w.r.t addition and multiplication(book pg. # 39.40.41)

Day -2
Properties of equalities' and inequalities of real number (book pg. # 41,42,43)

Day -3
Exercise 2.2
Video lecture link
https://www.youtube.com/watch?v=AxqKN1klMHU

Week 12th : Real & Complex Numbers
Day -1 concept of radical and radicands
Exercise 2.3
Video lecture link
https://www.youtube.com/watch?v=t9xpo2Rwzd4

Day -2
Laws of exponents and its application
Video lecture link
https://www.youtube.com/watch?v=ci9uL98RH-c

Day -3
Laws of exponents and its application
Video lecture link
https://www.youtube.com/watch?v=FPLQfbwPy4M

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Week 13th : Complex Numbers

Day -1 integral powers of iota(pg#47)
Exercise 2.5 (Q#1)
Video lecture link
https://www.youtube.com/watch?v=Yij6bhwqj0c

Day -2 conjugate of complex number (pg#48)
Exercise 2.5 (Q#2)
Video lecture link
https://www.youtube.com/watch?v=Yij6bhwqj0c

Day -3 complex numbers
Revision test (exercise 2.5) pg#49

Week 14th : Complex Numbers
Day -1 Basic operations on complex numbers(pg#49-52)
Exercise 2.6 (Q#1,2,3)
Video lecture link
 https://www.youtube.com/watch?v=MkftsipPiFY
https://www.youtube.com/watch?v=ea3xiVOPB20

Day -2
Exercise 2.6(Q#4,5) pg#52
Video lecture link
 https://www.youtube.com/watch?v=MkftsipPiFY
https://www.youtube.com/watch?v=ea3xiVOPB20

Day -3
Exercise 2.6 (Q#6,7)pg#52,53
Video lecture link
 https://www.youtube.com/watch?v=MkftsipPiFY
https://www.youtube.com/watch?v=ea3xiVOPB20

CANTT PUBLIC EDUCATION SYSTEM

English

<u>Week: 08th</u>

Day 1

Unit #4 HazratAsma

Reading & Translation
Video links
 http://youtube/5mg2EMvMrGI

Day 2

Unit #4 HazratAsma Question/Answers
Video links
http://youtube/qa8b9gayWc0

Day 3

Unit #4 HazratAsma
Grammar and Composition work
Video links
https://youtube./cRcc3OIGBao

<u>Week: 09th</u>

Day 1

Letter #1 of English Grammar

Task :
Write a letter to your Father asking him to send extra funds for payment of hostel dues

Day 2

Unit #4 HazratAsma
Glossary

Day 3

Unit #4 HazratAsma
Exercise Grammar
Task
Stress and Intonation :
Stress: Read the following words and note the stressed and unstressed syllables in them. E.gaRRIVeaBOUT
Intonation: The rise and fall of the voice in the speaking is called intonation. E.g
1: **Do** you like it?
2: Do **You** like it?
3: Do you **Like**it ?
4: Do you like **It**?
Solve exercise pg# 36

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Week: 10th

Day 1

Unit #4 HazratAsma

Exercise Grammar

Task :

Cataphoric Reference and Anaphoric Reference :

Cataphoric Reference : An Expression that refers to a later expression in the discourse is called a Cataphoric Refernce.

e.g The Rasool and **his companions, ….**

Anaphoric Refenrce : An expression that refers to the earlier expression in the discourse is called an Anaphoric Reference.

e.g HazratAsma was amongst the early few who accepted Islam. **She** was the daughter of HAzrat Abu Bakr (R.A).

Solve exercise pg # 39

Day 2

Grammar Abstract Noun

Abstract Noun: Abstract noun is the name of a quality, action, or state. Abstract Nouns are formed from Adjectives, verbs and common nouns.

Example:

She faced every calamity of life with **patience** and **valour**.

Solve exercise pg# 41

Day 3

Paragraph 1

Task :

A visit to museum

Week: 11th

Day 1

Unit #4 HazratAsma

Exercise Grammar

Task :

Prepositions of time:

In : with months , years, seasons, duration and part of the day

At : with part of the day, time of day, celebrations, fixed phrases

On: with days of week, date, special holidays, a special part of the day

Solve exercise on p# 42&43

Day 2

Unit #1 - 4

Solve review

Task:

Solve review on pg 46, 47 & 48

Day 3

Letter #2

Task : **Write a letter to your father requesting him to increase your pocket money**

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Week: 12th

Unit #6 The Quaid's Vision and Pakistan
Reading and Translation
Video link

http://youtube/0nqtC92V5ds

Unit #6 The Quaid's Vision and Pakistan
Question/Answers
Video links
http://YouTube/01pT9aDApLU

Unit #6 The Quaid's Vision and Pakistan
Glossary
Task :
Learn and write glossary from page#65 of Textbook

Week: 13th

Unit #6 The Quaid's Vision and Pakistan
Exercise Grammar
Denotation and Connotation:
Denotation: Denotation is the dictionary or literal meanings of the word.
e.g The word snake in the dictionary would have the meaning of scaly and legless. ((basic or specific meaning)

Connotation: IT means the idea that is suggested or associated by the word.
e.g : The connotation for the word snake could be evil or dangerous.
Solve exercise on page # 67

Adjectives
Adjectives:
 An adjective is a word that modifies a noun or a pronoun. It describes or point out a person, place or thing, or to tell the number or quantity.
e.g**Famous** poet
beautiful girl

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Day 3

Unit #4 HazratAsma
Sideline questions
Task:
Answer the sideline questions with the help of text and use your own vocabulary.
1: Who were emigrants and where did they migrate to?
2:What did you understand by the phrase " in a fit of fur" ?
3: Why was Abu Jehl furious?