



**SYLLABUS,  
SPECIFICATION  
GRID AND MODEL  
QUESTION, 2075**

**GRADE SEVEN**



Learning Realm International (LRI) School  
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# **Syllabus, Specification Grid and Model Questions, 2075**

## **Grade Seven**

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## SYLLABUS

S. No.	LESSON	NAME OF THE LESSONS	Estimated Periods	Objectives Students will be able
<b>FOR THE FIRST UNIT TEST</b>				
1	1	Units and measurements	6	<ul style="list-style-type: none"> <li>- to define unit and its types</li> <li>- to measure the area and volume of regular and irregular object</li> <li>- to explain the method of finding volume of liquid</li> <li>- to solve numerical related to area and volume</li> </ul>
2	11	Matter	14	<ul style="list-style-type: none"> <li>- to define matter, its state and its characteristics</li> <li>- to write name and symbol of elements with atomic number 1 to 20</li> <li>- to define compound and write molecular formula of some compounds</li> <li>- to define atom and molecule</li> <li>- to differentiate between physical and chemical change</li> </ul>
3	15	Living beings	10	<ul style="list-style-type: none"> <li>- to classify vertebrates and describe their characters</li> <li>- to explain and draw life cycle of frog</li> <li>- to describe similarities and dissimilarities of flowering and non flowering plants</li> <li>- to describe the structure and function of different parts of flower</li> </ul>
<b>FOR THE FIRST TERM EXAM</b>				
4	2	Force and velocity	6	<ul style="list-style-type: none"> <li>- to explain the various types of force</li> <li>- to differentiate between distance and displacement</li> <li>- to define speed and velocity</li> <li>- to explain uniform and non uniform velocity</li> <li>- to solve numerical related to speed, velocity and acceleration</li> </ul>
5	3	Simple Machine	4	<ul style="list-style-type: none"> <li>- to explain simple machine and its types</li> <li>- to draw different types of simple machine</li> <li>- to explain uses of simple machine in our daily life</li> </ul>
6	4	Pressure	5	<ul style="list-style-type: none"> <li>- to define pressure and state its</li> </ul>

				unit - to show the relation $P = \frac{F}{A}$ - to describe application of pressure in our daily life - to solve numerical related to pressure
7	18	Structure of earth	10	- to define rock and explain its physical properties - to classify rocks with their significance and uses - to identify the rocks found in Nepal
8	21	Environment and its balance	10	- to explain and classify the types of natural resources - to state the present situation of natural resources and heritage - to explain need and importance of water resources, wet lands and water sheds. - to explain the measures to conserve water resources, wet lands and water sheds.
<b>FOR THE SECOND UNIT TEST</b>				
9	5	Work, Energy and Power	5	- to define work, energy and power and state their units - to explain different forms of energy with their examples - to solve numerical related to work, energy and power
10	6	Heat	5	- to explain and demonstrate various ways of transmission of heat - to define temperature and state its unit - to describe the structure and function of thermos flask and thermometer
11	12	Mixture	10	- to define mixture and their types - to demonstrate and explain the different methods of separating the components of the mixture - to define solution - to prepare dilute and concentrated solution - to define unsaturated, saturated and supersaturated solution and to prepare them - to explain the use of solution and mixture in our daily life
12	13	Metals and non metals	6	- to explain the properties of metals and non metals

				<ul style="list-style-type: none"> <li>- to differentiate between metal and non metal</li> <li>- to explain the uses of non metals</li> <li>- to explain the properties and uses of alloys like brass and bronze</li> </ul>
<b>FOR THE SECOND TERM EXAM</b>				
13	7	Light	8	<ul style="list-style-type: none"> <li>- to define reflection</li> <li>- to explain types and effects of reflection of light</li> <li>- to state and demonstrate laws of reflection of light</li> <li>- to describe the simple application of reflection of light (periscope and kaleidoscope)</li> </ul>
14	8	Sound	5	<ul style="list-style-type: none"> <li>- to describe the formation and transmission of longitudinal wave</li> <li>- to describe the factors affecting transmission of sound</li> <li>- to demonstrate the difference of speed of sound in different media</li> </ul>
15	9	Magnet	5	<ul style="list-style-type: none"> <li>- to state the application of natural and artificial magnets</li> <li>- to differentiate between natural and artificial magnets</li> <li>- to describe the methods of making magnet</li> </ul>
16	16	Cells and tissue	8	<ul style="list-style-type: none"> <li>- to explain the function of cell organelles present in plant cell and animal cell</li> <li>- to describe the general structure and reproduction of amoeba and hydra</li> </ul>
17	19	Earth and space	8	<ul style="list-style-type: none"> <li>- to describe solar system and its members with their characteristics</li> <li>- to explain planets and the stars of northern star</li> <li>- to introduce some major constellation</li> </ul>
18	22	Environment degradation and conservation		<ul style="list-style-type: none"> <li>- to explain effects of destruction of natural resources on the environment</li> <li>- to describe the causes and effects of deforestation, earthquake and volcanic eruption</li> </ul>
<b>FOR THE THIRD UNIT TEST</b>				
19	10	Electricity	5	<ul style="list-style-type: none"> <li>- to define static electricity</li> <li>- to demonstrate and describe the</li> </ul>

				<ul style="list-style-type: none"> <li>- effects of static electricity</li> <li>- to draw the diagram of simple electric circuit</li> <li>- to identify the symbols used in electric circuit</li> <li>- to describe method of combination of cell and their importance</li> </ul>
20	14	Some Useful Chemicals	5	<ul style="list-style-type: none"> <li>- to explain the uses of dettol and phenol</li> <li>- to define chemical fertilizer and explain their uses</li> <li>- to explain the uses of detergent</li> </ul>
21	17	Life Process	12	<ul style="list-style-type: none"> <li>- to define respiration and explain respiratory organs</li> <li>- to explain the process of respiration in plants and animals</li> <li>- to describe the process of excretion in plants and animals</li> <li>- to explain human digestive system</li> </ul>
<b>FOR THE THIRD TERMINAL EXAMINATION</b>				
22	20	Weather and climate	8	<ul style="list-style-type: none"> <li>- to introduce cloud, frost and mist</li> <li>- to describe the structure and layers of atmosphere</li> <li>- to explain and demonstrate the movement of wind and its causes</li> <li>- to predict local weather and describe general method of weather forecasting techniques</li> <li>- to introduce the devices used to measure the factors affecting weather and their uses</li> </ul>
23	23	Environment and sustainable development	8	<ul style="list-style-type: none"> <li>- to define development and sustainable development</li> <li>- to describe the concept of sustainable development</li> <li>- to define nature friendly development and explain its importance</li> <li>- to list the practices carried out for sustainable development in Nepal</li> </ul>

# SPECIFICATION GRID

## FIRST UNIT TEST

S.N	CHAPTERS	NO. OF QUES.	NO. OF SUB-QUES.	FM	K	U	A	HA
1	MEASUREMENT	2	4	7	2	1	2	2
2	FORCE AND VELOCITY	2	4	6	1	2	1	2
3	LIVING BEINGS	2	4	7	1	2	2	2

## FIRST TERMINAL EXAMINATION

S.N	CHAPTERS	NO. OF QUES.	NO. OF SUB-QUES.	FM	K	U	A	HA
1	MEASUREMENT	5	10	33	9	12	6	6
2	FORCE AND VELOCITY							
3	SIMPLE MACHINE							
4	PRESSURE							
5	MATTER	5	10	13	4	5	2	2
6	LIVING BEINGS	6	9	16	5	7	2	2
7	STRUCTURE OF EARTH	4	6	9	2	3	2	2
8	ENVIRONMENT AND ITS BALANCE	4	6	9	2	3	2	2

## SECOND UNIT TEST

S.N	CHAPTERS	NO. OF QUES.	NO. OF SUB-QUES.	FM	K	U	A	HA
1	Work, Energy and Power	1	2	5	1	2	1	1
2	Heat	1	2	5	1	2	1	1
3	Mixture	1	2	5	1	2	1	1
4	Metals and non metals	1	2	5	1	2	1	1

## SECOND TERMINAL EXAMINATION

S.N	CHAPTERS	NO. OF QUES.	NO. OF SUB-QUES.	FM	K	U	A	HA
1	MEASUREMENT	5	10	27	10	12	7	6
2	FORCE AND VELOCITY							
3	SIMPLE MACHINE							
4	PRESSURE							
5	WORK, ENERGY AND POWER							
6	HEAT							
7	LIGHT							
8	SOUND							
9	MAGNET							
10	MATTER							
11	MIXTURE	3	6	16	4	6	3	3
12	METALS AND NON METALS							
13	LIVING BEINGS							
14	CELL AND TISSUE	3	6	16	4	6	3	3
15	STRUCTURE OF EARTH							
16	EARTH AND SPACE							
17	ENVIRONMENT AND ITS BALANCE							
18	ENVIRONMENT DEGRADATION AND ITS CONSERVATION	1	2	5	2	2	0	1

### THIRD UNIT TEST

S.N	CHAPTERS	NO. OF QUES.	NO. OF SUB-QUES.	FM	K	U	A	HA
1	ELECTRICITY	2	4	7	3	2	1	1
2	SOME USEFUL CHEMICALS	1	2	6	2	2	1	1
3	LIFE PROCESS	2	4	7	3	2	1	1

### THIRD TERMINAL EXAMINATION

S.N	CHAPTERS	NO. OF QUES.	NO. OF SUB-QUES.	FM	K	U	A	HA
1	MEASUREMENT	5	10	27	10	12	7	6
2	FORCE AND VELOCITY							
3	SIMPLE MACHINE							
4	PRESSURE							
5	WORK, ENERGY AND POWER							
6	HEAT							
7	LIGHT							
8	SOUND							
9	MAGNET							
10	ELECTRICITY							
11	MATTER	3	6	16	4	6	3	3
12	MIXTURE							
13	METALS AND NON METALS							
14	SOME USEFUL CHEMICALS							
15	LIVING BEINGS	3	6	16	4	6	3	3
16	CELL AND TISSUE							
17	LIFE PROCESS							
18	STRUCTURE OF EARTH	1	2	5	2	2	0	1
19	EARTH AND SPACE							
20	WEATHER AND CLIMATE							
21	ENVIRONMENT AND ITS BALANCE	3	6	16	4	6	3	3
22	ENVIRONMENT DEGRADATION AND ITS CONSERVATION							
23	ENVIRONMENT AND SUSTAINABLE DEVELOPMENT							

Note-

K= Knowledge, U= Understanding, A=Ability, HA=Higher ability

## MODEL QUESTION BASED ON FIRST UT

FULL MARKS :20

PASS MARKS :10

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### GROUP-A(PHYSICS)

- 1) a) Define measurement. Differentiate between fundamental and derived unit. 3  
b) Why is it difficult to measure the volume of gases? 1
- 2) a) Calculate the volume of cylinder if its radius is 14cm and diameter is 20cm.2  
b) Write the SI unit of current and length. 1
- 3) a) Define force and name any two types of force.  
b) Differentiate between speed and velocity. 2
- 4) a) What is acceleration? 1  
b) Calculate the acceleration of a car when it changes its velocity from 40m/s to 80m/s in 4s. 3

### GROUP-B (Chemistry)

- 3) a) Define atom. Differentiate element and compound. 3  
b) Draw atomic structure of magnesium. 2
- 4) a) An atom is electrically neutral, why? 1  
b) Write atomic number and symbol of oxygen. 1

### GROUP-C (BIOLOGY)

- 5) a) Define vertebrates. Differentiate between flowering and non flowering plants. 3  
b) Write any two features of aves. Draw well labeled diagram of lifecycle of frog. 4

**"Good Luck**

## MODEL QUESTION BASED ON FIRST TERM EXAM

FULL MARKS : 80

PASS MARKS : 40

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### GROUP-A (Multiple Choice Questions)

Choose the best alternative: 20

- 1) What is the formula used to calculate the volume of a cylinder?  
i)  $\pi r^2$                       ii)  $\pi r^3$                       iii)  $\pi r h$                       iv)  $\pi r^2 h$
- 2) Which of the following is the SI unit of temperature?  
i) Joule                      ii) Kelvin                      iii) Newton                      iv) Meter
- 3) By which method is the area of irregular object is calculated?  
i) Graph paper method                      ii) Using formula  
ii) Displacement method                      iv) Non of the above
- 4) What do we call the force by which all the heavenly bodies are attracted to each other?  
i) Centripetal force                      ii) Centrifugal force  
ii) Gravitational force                      iv) Magnetic force
- 5) Shortest distance between any two points is  
i) Distance                      ii) Displacement  
iii) Speed                      iv) None of these
- 6) What is the CGS unit of force?  
i) cm                      ii) dyne                      iii) pascal                      iv) joule
- 7) In which type of lever is fulcrum located at any point between load and effort?  
i) 1<sup>st</sup> class lever                      ii) 2<sup>nd</sup> class lever  
iii) 3<sup>rd</sup> class lever                      iv) None of them
- 8) To which type of lever does scissor belongs to?  
i) 1<sup>st</sup> class lever                      ii) 2<sup>nd</sup> class lever  
iii) 3<sup>rd</sup> class lever                      iv) None of them
- 9) Which of the following is the SI unit of pressure?  
i) Watt                      ii) Hertz                      iii) Pascal                      iv) Joule
- 10) Which of the element lies in the atomic number 10?  
i) Neon                      ii) Argon                      iii) Calcium                      iv) Magnesium
- 11) Which the following element is inert element?  
i) Oxygen                      ii) Argon                      iii) Calcium                      iv) Magnesium
- 12) The mass formed by mixing two or more elements in the fixed ratio is  
i) Radical                      ii) Compound                      iii) Element                      iv) Mixture
- 13) Which of the following is the symbol of calcium?  
i) Ne                      ii) Ar                      iii) Ca                      iv) Mg
- 14) Animals made up of two or more than two cells are  
i) Unicellular                      ii) Multicellular  
iii) Bisexual                      iv) Hermaphrodite
- 15) Which of the following is the tracheophytes?  
i) Thallophyta                      ii) Bryophyte                      iii) Pteridophyta                      iv) Thallophyta
- 16) Animals made up of two or more than two cells are  
i) Unicellular                      ii) Multicellular  
iii) Bisexual                      iv) Hermaphrodite

- 17) The rock formed by change on other types of rock is called  
 i) Igneous rock ii) Metamorphic rock  
 iii) Both of them iv) None of them
- 18) Which of the following is a non-renewable resources?  
 i) Air ii) Water iii) Fuels iv) Solar energy
- 19) Which of the following produces their own food?  
 i) Producers ii) Consumers iii) Animals iv) Decomposers
- 20) Which of the following is the oldest national park?  
 i) Banke NP ii) Sagarmatha NP  
 iii) Chitwan NP iv) Bardia NP

#### GROUP-B(PHYSICS)

- 1) a) Define MKS system of unit. Differentiate between area and volume. 3  
 b) Why is it difficult to measure the volume of gases? Calculate the area of circle if its radius is 14cm. 3
- 2) a) Define acceleration. Calculate the acceleration of a bus when it changes its velocity from 20m/s to 60m/s in 10s. 3  
 b) Define magnetic force. Differentiate between distance and displacement. 3
- 3) a) What is simple machine. 1  
 b) Define lever and pulley. 2
- 4) a) 'Wheel and axle is called continuous lever. Why? 2  
 b) Draw well labeled diagram of first class lever. 2
- 5) a) Define pressure and one pascal pressure. Prove  $= \frac{F}{A}$ . 4  
 b) Differentiate between force and pressure. Bases of houses are made wider. Why? 3

#### GROUP-C (Chemistry)

- 6) a) Define element and compound. Differentiate between chemical and physical change. 2  
 b) Define atom. Why is an atom electrically neutral? 2
- 7) a) Draw atomic structure of aluminium and argon. 4  
 b) Differentiate between chemical and physical change. 2

#### GROUP-D (Biology)

- 8) a) Define classification. Write any two characters of aves. 3  
 b) Differentiate between androecium and gynoecium. 2
- 9) a) Draw well labeled diagram of life cycle of frog. 3  
 b) Give reasons: 2  
 i) Bryophytes are amphibian plants.  
 ii) Vertebrates come under chordates.
- 10) a) Write a function of gynoecium. 1  
 b) Draw a well labeled diagram of a typical flower. 2

#### GROUP-E (Astronomy and Geology)

- 11) a) Define rock. Write its any two uses. 2  
 b) Classify the given rocks 2  
 i) sand stone ii) granite

- 12) a) Differentiate between igneous rock and metamorphic rock. 2  
b) Define rock cycle. 1

**GROUP-F (Environment Education)**

- 12) a) What is wildlife reserve? 1  
b) Name any two wildlife reserves. 1
- 13) a) Differentiate between renewable and non-renewable sources. 2  
b) Write any two methods to conserve wetlands. 2

Good Luck"

**MATHS**

**CONTRIBUTOR**

**AMRIT DHITAL**

## SYLLABUS

LESSON	LESSON'S NAME	ESTIMATED PERIODS	OBJECTIVES
<b>FOR THE FIRST UNIT TEST</b>			
1	Set: 8.1 AND 8.2	8	define Universal set and identify overlapping set and disjoint set
2	Number system: 9.1, 9.2	8	use commas write numbers name
4	Percentage: 11.1	6	can solve the word problems of percent
6	Algebraic expression: 14.1	7	Identify like unlike terms Can do the operation of algebraic expression
8	Lines and angles 1.1, 1.2	10	construct different angles by using compass and identify and define different pairs of angles
12	Statistics: 13.1	5	make frequency table
	TOTAL DAYS	44	
<b>FOR FIRST TERM</b>			
	ALL CHAPTER INCLUDING 1 <sup>ST</sup> UNIT TEST		
1	Sets: upto 8.1	7	solve problem based on Venn- diagrams
2		5	
5	Number system: upto 9.1, 9.2	5	find square numbers and square root
6	Unitary method: 12.1	5	solve problems based on direct variations
8	Multiplication of Algebraic Expression 14.2	5	do multiply of algebraic terms
5	Angles made by transversal	5	Can solve problems based on parallel lines
6	Arithmetic Mean	5	calculate of mean of individual discrete data
	Perimeter	37	Perimeter Able to find perimeter based on figure
	TOTAL DAYS		
<b>FOR THE SECOND UNIT TEST</b>			
	Overlapping and disjoint Sets Identify sets	7	
	LCM	Able to find LCM	7
	Division of Algebraic Expression	Able to do division of algebraic terms	5
	Coordinates	Able to plot coordinates	5
	Construction of Triangles		Total Days: 31

<b>FOR THE SECOND TERM EXAM</b>				
	Union and intersection of sets Able to identify sets, able to shaded common parts		7	
	Ratio and Proportion:Able to do simple problems of its			
	Introduction of Binary and Quinary number system Can define and convert		8	
	Fractions	Convert decimal to fraction to percent	6	
	Surface area of cube and cuboid	Able to find area of cube and cuboid	8	Total Days:34
	Properties of Quadrilaterals	Identify different Quadrilaterals		

<b>LESSON</b>	<b>LESSON'S NAME</b>	<b>ESTIMATED PERIODS</b>	<b>OBJECTIVES</b>
<b>FOR THE THIRD UNIT TEST</b>			
	Integers Able to do Simple simplify	5	do simple simplify
	Fundamental Operations with Decimals	7	simplify of its
	Simple and can calculate Interest	5	use formula and can calculate
	Construction of Quadrilaterals	6	construct by using compass
	Bearing and scale map reading	4	read map
	TOTAL PERIODS	27	
<b>FOR THE FINAL TERM EXAM</b>			
	Rational and Irrational Numbers	5	identify different numbers
	Profit and Loss Able to solve its simple problems	5	solve its simple problems
	Simple interest	6	use formula
	Exponents	3	know about laws of indices
	Equation Inequality and Graphs	8	show number in number line
	Polygon and circle	6	define circle and its different parts

**SPECIFICATION GRID FOR FIRST TERM EXAM****Specification Grid**

S.N	Topics	Number of question each of 1 marks	Number of question each of 2 marks	Number of question each of 4 marks	Estimated periods
1	Sets	2	2	1	7
2	Number System	4	2	1	5
3	Unitary method	1	1	1	5
4	Multiplication of Algebraic Expression	2	2	1	5
5	Angles made by transversal	2	2	1	5
6	Arithmetic mean	1	1	1	5
7	Perimeter	2	1	1	5
Total Marks		12	22	28	
				(12+22+28=62)	

NOTE:18 marks will come from 1<sup>ST</sup> unit test chapters.

**SPECIFICATION GRID FOR SECOND UNIT**

S. No.	Chapters	No of questions each of 1 Mark	No of questions each of 2 Marks	No of questions each of 4 Marks	Estimated periods
1	Overlapping and Disjoint Sets			1	7
2	LCM	1	1		7
3	Division of Algebraic Expression		1	1	7
4	Coordinates	1	1		5
5	Construction of Triangles			1	5
Total Marks		2	6Marks	12 Marks	

**SPECIFICATION GRID FOR SECOND TERM**

S. No.	Chapters	No of questions each of 1 Mark	No of questions each of 2 Marks	No of questions each of 4 Marks	Estimated periods
1	Union and intersection of sets	2	2	1	5
2	Binary and Quinary number system	2	2	1	7
3	Fraction	2	2	1	8
4	Ratio and Proportion	2	2	1	6
5	Properties of Quadrilaterals	3	1		5
6	Surface area of cube and cuboid	2	2	1	5
Total Marks		13	22 Marks	20 Marks	

Note: 25 marks will coverage 1<sup>st</sup> ut,1<sup>st</sup> term,2<sup>nd</sup> ut

**SPECIFICATION GRID FOR THIRD UNIT TEST**

S. No.	Chapters	No of questions each of 1 Mark	No of questions each of 2 Marks	No of questions each of 4 Marks	Estimated periods
1	Integers		1		5
2	Fundamental Operations with decimal	1	1	1	7
3	Simple Interest	1		1	5
4	Construction of Quadilaterals			1	6
5	Bearing and scale map reading		1		4
Total Marks		2	6 Marks	12 Marks	

**SPECIFICATION GRID FOR THIRD TERM**

<b>S. No.</b>	<b>Chapters</b>	<b>No of questions each of 1 Mark</b>	<b>No of questions each of 2 Marks</b>	<b>No of questions each of 4 Marks</b>	<b>Estimated periods</b>
1	Rational and Irrational Numbers	2	1	1	5
2	Profit and Loss	1	1	1	6
3	Simple interest	1	1	1	6
4	Exponents	2	1	1	7
5	Inequality and Graphs	1	1	1	8
6	Polygon and circle	1	1		6
Total Marks		8 Marks	12 Marks	20 Marks	

Note:40 marks will come from other remaining chapters

**MODEL SET BASED ON FIRST UT**

FULL MARKS : 20

PASS MARKS : 10

**GROUP: A (2×1 = 2)**

- If  $B = \{1, 2, 3, 4\}$ , then find  $n(B)$ ?
  - Write the number name using comma by National system 1234567890.
- If  $U = \{1, 2, 3, 4, 5, \dots, 11, 12\}$ ,  $A = \{1, 3, 5, 7, 9\}$   $B = \{2, 3, 5, 7, 11\}$  illustrate it in Venn-diagram.

**GROUP: B (2×3 = 6)**

- If  $U = \{1, 2, 3, 4, 5, \dots, 11, 12\}$ ,  $A = \{1, 3, 5, 7, 9\}$   
 $B = \{2, 3, 5, 7, 11\}$  illustrate it in Venn-diagram.
  - Construct an angle  $45^\circ$  by using compass.
  - If  $x = 2$  and  $y = -6$ , find the value of  $x + y$ .

**GROUP: C (4×3 = 12)**

- Simplify the following.
  - Add:  $3x + 5y$  and  $2x - 3y$
  - Subtract:  $4x + 5y$  from  $9x - 10y$
- Find the cube root of 216.
  - Find the value of  $\sqrt{225}$
- Find the value of  $a$  and  $b$ .
  - What is the complement angle of  $40^\circ$ .

**SET-A**

**Group A (2x1=2)**

- Find  $n(A)$  if  $A = \{\text{letters of the word STUDENT}\}$
  - Find the square of 25.

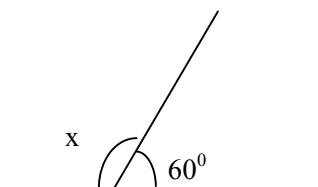
**Group B (3x2=6)**

- Construct an angle of  $30^\circ$  by using compass.
  - If  $x = 1$ ,  $y = 2$  and  $z = 3$  find the value of  $2x + 3y - z$
  - Find the value of 40% of 800

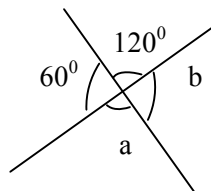
**Group C (4x3=12)**

- If universal set  $U = \{\text{whole numbers less than } 50\}$  list the elements of the following sets.  
 $P = \{\text{prime number less than } 20\}$   
 $Q = \{\text{square number less than } 50\}$
- Find the value of unknown variables :

i)



ii)



- The ages (in years) of 25 people travelling by bus is recorded as follows  
7, 8, 9, 6, 5, 4, 4, 4, 4, 3, 3, 3, 5, 5, 5, 5, 6, 6, 6, 6, 7, 8, 9, 9, 8  
Prepare cumulative frequency table from this data.

**MODEL SET BASED ON FIRST UT**

Class: 7  
Sub: C. Math

F.M.= 20  
P.M.= 10

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**Group A (2x1=2)**

- a) Find  $n(A)$  if  $A = \{\text{letters of the word football}\}$ .  
b) Find the square root of 16.

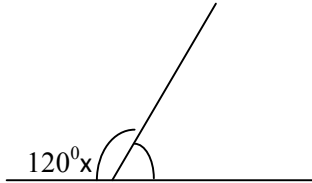
**Group B (3x2=6)**

- a) Construct an angle of  $90^\circ$  by using compass.  
b) If  $x=2, y=3$  and  $z=4$  find the value of  $2x+3y-z$   
c) Find the value of 50% of 1000

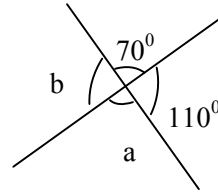
**Group C (4x3=12)**

- If universal set  $U = \{\text{whole numbers less than } 50\}$  list the elements of the following sets.  
 $A = \{\text{composite number less than } 20\}$   
 $B = \{\text{Multiples of } 5\}$
- Find the value of unknown variables :

i)



ii)



- The ages (in years) of 25 people travelling by bus is recorded as follows  
 $5, 6, 7, 8, 9, 9, 9, 8, 7, 6, 6, 7, 8, 9, 8, 8, 7, 7, 6, 5, 5, 5, 6, 6$   
Prepare cumulative frequency table from this data.

## MODEL QUESTION BASED ON FIRST TERMINAL

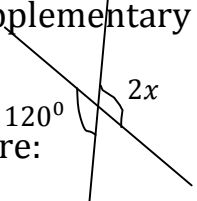
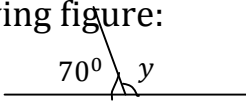
FULL MARKS: 80

PASS MARKS: 40

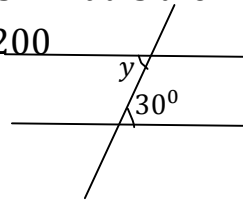
Attempt all the questions:

### GROUP 'A' [1×20 = 20]

• Choose the correct options:

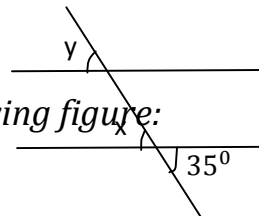
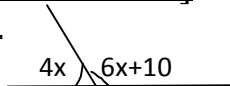
- The complement of  $60^\circ$  is  
i)  $30^\circ$     ii)  $120^\circ$     iii)  $45^\circ$     iv)  $-30^\circ$
- Two angles having the sum  $180^\circ$  are called  
i) Complementary angles    ii) Supplementary angles  
iii) Acute angle    iv) Complete turn.
- Find the value of  $x$  from the following figure:  
i)  $50^\circ$     ii)  $60^\circ$   
iii)  $70^\circ$     iv)  $80^\circ$   

- Find the value of  $y$  from the following figure:  
i)  $100^\circ$     ii)  $110^\circ$   
iii)  $50^\circ$     iv)  $70^\circ$   

- Find the value of  $\sqrt{4^2 + 3^2}$  is  
i) 3    ii) 4    iii) 5    iv) 6
- The square root of 121 is  
i) 10    ii) 11    iii) 12    iv) 13
- Which of the following number is a square number?  
i) 10    ii) 12    iii) 8    iv) 16
- The value of  $3^3 - 2^3$  is  
i) 1    ii) 24    iii) 18    iv) 19
- The HCF of 6, 2, 12 is  
i) 6    ii) 12    iii) 2    iv) 8
- The LCM of 2, 4, 6 is  
i) 6    ii) 12    iii) 24    iv) 18
- The absolute value of  $-7$  is  
i) 8    ii) 9    iii) 7    iv) 49
- The sum of  $-7$  and  $+3$  is  
i)  $-3$     ii)  $-4$     iii) 5    iv) 6

13. The value of  $\frac{4}{2} - \frac{1}{2}$  is  
 i) 2      ii)  $\frac{3}{2}$       iii) 3      iv) 4
14. The product of  $0.1 \times 100$  is  
 i) 1      ii) 10      iii) 100      iv) 0.1
15.  $\frac{3}{4}$  of 20 is equal to  
 i) 5      ii) 10      iii) 15      iv) 20
16. The degree of polynomial  $2x^2 + 3y + y^3$  is  
 i) 1      ii) 2      iii) 3      iv) 4
17.  $4x^2 + 2xy + 5y^2$  is an example of  
 i) Monomial      ii) Binomial  
 iii) Trinomial      iv) Polynomial
18. The value of  $3x^2 + 2xy - 2x^2 + xy$  is  
 i)  $3x^2 + 2xy$       ii)  $x^2 + 2xy$   
 iii)  $2x^2 + 2xy$       iii)  $x^2 + 3xy$
19. Among 200 students in a class  $\frac{1}{2}$  are boys. What is the number of girls?  
 i) 50      ii) 100      iii) 150      iv) 200
20. The value of y in the given figure is:  
 i)  $20^\circ$       ii)  $30^\circ$   
 iii)  $40^\circ$       iv)  $50^\circ$



**GROUP 'B' [14×2 = 28]**

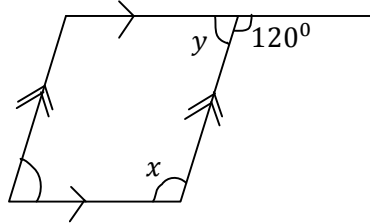
21. Construct  $45^\circ$  angle using compass.
22. Find the value of x from the given figure:
23. Find the value of x and y from the following figure:
24. If you are given a  $90^\circ$  angle, then find:  
 a) Half of given angle.  
 b) Complementary angle of the  $\frac{1}{2}$  of the given angle.
25. Simplify:  $\sqrt{45} \times \sqrt{80}$
26. Find the least number divisible by 15, 16 and 20.
27. Simplify:  $12 - [25 - 3\{8 - 3 \div (6 - 3)\}]$
28. Find the value of:  $\frac{8}{11} + \frac{9}{22} - \frac{6}{44}$
29. Arrange the following fraction into ascending order:  
 $\frac{3}{4}$  ,  $\frac{4}{5}$  ,  $\frac{5}{2}$



30. Find the product of : $436.4 \times 0.85$
31. If  $x = 2$  and  $y = 3$ , find the value of  $2x^2 + 3y$
32. Simplify:  $(3x^2 + 4x + 5) + (6x^2 - 3x + 6)$
33. Simplify:  $|-4| + |2| + |-6|$
34. Find the value of  $1^3 + 2^3 - 3^2$

**GROUP 'C' [8×4 = 32]**

35. Find the values of  $x$  and  $y$  from the given figure:



36. Find the mean of given data.  
2,3,4,5,6
37. The difference between two numbers is 42. If the greater one is 79, find the smaller one.
38. In the school,360 students like to play footbool and 450 like to play cricket. What percent of  
(i)the students like to play football,  
(ii)the total students like to play cricket?
39. The ages of 25 people travellinr by bus is recorded as follows:  
5,5,6,6,7,7,8,8,9,9,1,2,3,4,5,6,7,8,9,8,7,6,5,5,5.  
Prepare frequency distribution table from the data.
40. If the length of a rectangle is 3 times the width and its width is  $(3a+2b)$ . Find  
a) Length of a rectangle  
b) Perimeter of a rectangle.
41. The complement of an angle is  $18^\circ$  less than the double of itself. Find the angle.
42. Simplify:  $10 \div [3 + 6 \div \{2 + 4 \div (2 + 4 \div \overline{4 - 2})\}]$

THE END

नेपाली

निर्माणकर्ता  
कल्पना मोक्तान

## पाठ्यक्रम २०७५

### प्रथम खण्ड परीक्षा

क्र.सं.	शिर्षक	उद्देश्य	अवधी
पाठ १	परिचय (कविता)	नेपालीहरू भित्र आत्म स्वाभिमानको जागृति गराई सदैव यसमा अडिग भएर राष्ट्रको सेवामा तत्पर गराउनु यति, गति लय र भाव बोध, उच्चारण सिप कविता, सिर्जनात्मक मनोवृत्ति	३९ दिन
पाठ २	मामालाई सुधाने भान्जा (कथा)	बालबालिकामा असल चरित्रको विकास गराउनु साथै मनोरञ्जन	
पाठ ३	सांस्कृतिक एकताको पर्व: छठ (प्रबन्ध)	सांस्कृतिक चाडपर्वको चिनारी र महत्व र आवश्यकता बोध र सामाजिक सद्भाव विकास गर्नु	
व्याकरण	नाम, सर्वनाम विशेषण, क्रियापद, लिङ्ग, वचन, पर्यायवाची र विपरीतार्थी शब्द	व्याकरणात्मक कोटीहरूसँग परिचित गराई, कथ्य र लेख्य भाषामा भाषिक शुद्धता गराउनु, विभिन्न शब्द र अर्थको ज्ञान गराई शब्द भण्डार बढाउनु र भाषामा पोख्त गराउनु	

### प्रथम त्रैमासिक परीक्षा

क्र.सं.	शिर्षक	उद्देश्य	अवधी
पाठ ४	आन्तरिक पर्यटन संवाद	देश विकासमा आन्तरिक पर्यटनको आवश्यकता, महत्व र भूमिका बोध र आन्तरिक पर्यटनको विकास	४९ दिन
पाठ ५	साहित्यकार भूमक कुमारी घिमिरे (जीवनी)	साहित्यिक महत्वको बोधका साथै जस्तोसुकै कठिन परिस्थितिसँग जुध्न आत्मबलको आवश्यकता, बोध र विकास	
पाठ ६	एउटै मुटु एउटै धर्म ( )	सामाजिक भेदभावको अन्त	
पाठ ७	सात दिने सभा (कथा)	मनोरञ्जनका साथसाथै सामाजिक कार्यमा जुट्नु र सामूहिक सम्पत्तिको महत्व र संरक्षणमा जोड	
व्याकरण	वाक्य परिवर्तन काल र पक्ष, धातु र त्रिया, श्रुतिसमविन्नार्थक शब्द	लेख्य र कथ्य भाषामा दक्षता हासिल गराउनु	

### दोस्रो खण्ड परीक्षा

क्र.सं.	शिर्षक	उद्देश्य	अवधी
पाठ ८	प्रकृतिको सुन्दर स्थल खप्तड (प्रबन्ध)	नेपालको प्राकृतिक सुन्दरताको प्रचार प्रसार र आन्तरिक पर्यटन प्रवर्धन गर्नु	३४ दिन
पाठ ९	साथीलाई चिठी (चिठी)	घरायसी चिठी पत्र लेखन सिप विकास	
पाठ १०	सुन ओगोल्ने भाले (कथा)	मासिनले धैर्य, सद्भाव र मायाले मन र सफलता प्राप्त गर्न सक्ने सन्देश र मनोरञ्जन दिनु	
पाठ ११	उद्योगलाई भन्दा कृषिलाई जोड (वादविवाद)	तार्किक अभिव्यक्तिको सिपमा विकास	
व्याकरण	कारक विभक्ति, प्रेरणार्थक, करण, अकरण र क्रियाको भाव		

### दोस्रो त्रैमासिक परीक्षा

क्र.सं.	शिर्षक	उद्देश्य	समय
पाठ १२	सुनौलो भोली (गीत)	लय भाव बोधका साथै लयात्मक शैलीको विकास	४१ दिन
पाठ १३	अलेक्जेन्डर फ्लेमिङ (जीवनी)	विशिष्ट व्यक्तित्व र चरित्रको विकास गराउनुका साथै विभिन्न लेख्य र कथ्य भाषिक सिप र प्रेरणा दिनु	
पाठ १४	बोधिसत्वको कथा (कथा)	दानी, परोपकारी, परहितकारी मनोवृत्तिको विकासमा जोड	
व्याकरण	वाच्य, वाक्य शंश्लेषण		

### तेस्रो खण्ड परीक्षाक

क्र.सं.	शिर्षक	उद्देश्य	अवधी
पाठ १५	म सौर्य उर्जा हुँ	सौर्य उर्जाको प्रयोगमा जोड	३४ दिन
पाठ १६	रिस र राक्षस (निबन्ध)	मनोरञ्जनका साथै बलले भन्दा बुद्धिले काम लिने कलाको विकास	
पाठ १७	प्रधानाध्यापकलाई चिठी (चिठी)	निवेदन पत्र लेखनको सिप विकास	

पाठ १८	आबाल ब्रह्मचारी षडानन्द	विशिष्ट व्यक्तित्व र चरित्रको विकासका साथै भाषिक सिपको विकास
व्याकरण	वाक्य र वाक्य परिवर्तन, लघुवाची र अनुकरणात्मक शब्द	विविध शब्दको ज्ञान र शब्द भण्डार वृद्धि लेख्य भाषिक सिप वृद्धि

### तेस्रो त्रैमासिक परीक्षा

क्र.सं.	शिर्षक	उद्देश्य	समय
पाठ १९	सभ्यता (कविता)	समयको माग अनुसार मासि चलनु पर्ने शिक्षा	३९ दिन
पाठ २०	नेपालको धार्मिक वास्तुकला (प्रबन्ध)	धार्मिक र सांस्कृतिक वास्तुकलाको चिनारी र महत्व साथै संरक्षण सम्बर्धन	
पाठ २१	वाक्लो दाल	एकल परिवार भन्दा संयुक्त परिवारमा बसे मासिनलाई धेरै राम्रो सरसहयोग हुने सन्देश	
व्याकरण	वाक्य विश्लेषण र अनेकार्थी शब्द	लेख्य भाषिक अभिव्यक्तिमा सरलता सहजता सुबोधता	

## विशिष्टीकरण तालिका

### त्रैमासिक परीक्षाका लागि विशिष्टीकरण तालिका

कक्षा.६

विषय : अनिवार्य नेपाली

पूर्णाङ्क. ८०

क्र. सं.	क्षेत्र(पढाइ र लेखाइ)	प्रश्न प्रकार	प्रश्न संख्या	अङ्क भार	स्पष्टीकरण
१	शब्दभण्डार	अर्थ लेखन	१	५	पाठमा प्रयोग भएका कुनै ४ओटा शब्दको अर्थ दिई जोडा मिलाउन लगाउने
		शब्द ज्ञान	१	५	भेष्टकबाट मिल्दो उस्तै अर्थ ,उल्टो अर्थ र अन्य उत्तर पहिचान गर्न लगाउने
		वाक्यमा प्रयोग	१	५	पाठमा प्रयुक्त शब्द , निपात , अनुकरणात्मक, टुक्का शब्द दिई वाक्यमा प्रयोग गर्न लगाउने
२	हिज्जे(वर्णविन्यास र लेख्य चिह्न	लेख्य चिह्नको प्रयोग	१	१	लेख्य चिह्न नराखी वाक्य दिने र चिह्न प्रयोग गर्न लगाउने
		शुद्धीकरण	१	२	बहुवैकल्पिक प्रक्रियाद्वारा शुद्ध शब्द छान्न लगाउने
३	पाठगत बोध	प्रश्न उत्तर	५	१५	सम्बन्धित पाठबाट प्रश्न सोधी उत्तर लेख्न लगाउने
४	स्वतन्त्र रचना	निबन्ध , प्रबन्ध,चिठी ,निवेदन ,वादविवाद,संवाद	१	५	१०० शब्दसम्मको निबन्ध लेख्न लगाउने
५	व्याकरण	शब्दवर्ग	१	३	नाम ,सर्वनाम , विशेषण , क्रियापद र अव्यय छुट्याउन लगाउने
		वाक्य परिवर्तन -क्रियाका काल, भाव,  पदसङ्गति	१	५	पदसङ्गति गर्न वा काल भाव परिवर्तन गर्न लगाउने

६		ठिक बेठिक	१	४	पाठको आधारमा वाक्य ठिक वा बेठिक छुट्याउन लगाउने	
७	रचना	व्याख्या	१	५	व्याख्यात्मक रुपमा वर्णन गर्न लगाउने	
८	बोध	कथा , कविता , प्रबन्ध , जीवनी आदि बाट	१	५	अनुच्छेदबाट प्रश्न सोधिने	
९	बहुवैकलि पक	वस्तुगत प्रश्न	१	२०	पाठबाट २०वटा प्रश्न सोधी सही उत्तर छान्न लगाउने	
		सुनाइ र बोलाइको प्रयोगात्मक मूल्याङ्कन				
क्र. स.	क्षेत्र	परीक्षण सामग्री			पक्ष	अङ्कभार
१	सुनाइ	पुस्तक , कापी कलम साथै अन्य सामग्री			श्रुतिलेखन , श्रुतिबोध	१०

खण्ड परीक्षाका लागि विशिष्टकरण तालिका

क्र. सं.	क्षेत्र(पढाइ र लेखाइ)	प्रश्न प्रकार	प्रश्न संख्या	अङ्क भार	स्पष्टीकरण
१	शब्दभण्डार	अर्थ लेखन	१	४	पाठमा प्रयोग भएका कुनै ४ओटा शब्दको अर्थ दिई जोडा मिलाउन लगाउने
		शब्द ज्ञान	१	२	बोष्कवाट मिल्दो उस्तै अर्थ ,उल्टो अर्थ र अन्य उत्तर पहिचान गर्न लगाउने
		वाक्यमा प्रयोग	१	४	पाठमा प्रयुक्त शब्द , निपात , अनुकरणात्मक, टुक्का शब्द दिई वाक्यमा प्रयोग गर्न लगाउने
२	हिज्जे(वर्णविन्य)स र लेख्य चिह्न	लेख्य चिह्नको प्रयोग	१	१	लेख्य चिह्न नराखी वाक्य दिने र चिह्न प्रयोग गर्न लगाउने
		शुद्धिकरण	१	२	बहुवैकल्पिक प्रक्रियाद्वारा शुद्ध शब्द छान्न लगाउने
३	पाठगत बोध	प्रश्न उत्तर	२	४	सम्बन्धित पाठवाट प्रश्न सोधी उत्तर लेख्न लगाउने
४	स्वतन्त्र रचना	निबन्ध , प्रबन्ध	१	३	१०० शब्दसम्मको निबन्ध लेख्न लगाउने

पूर्णाङ्क : ८०

उत्तीर्णाङ्क : ४०

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१) खाली ठाउँमा मिल्ने शब्द छानेर लेख्नुहोस् :-

२०

- क) एउटै मुटु एउटै मर्मका रचयिता को हुन ?  
अ) सिद्धिचरण श्रेष्ठ आ) भानुभक्त आचार्य  
इ) सिद्धिचरण श्रेष्ठ ई) माधवप्रसाद घिघिरे
- ख) भ्रमकको जन्म कहिले भएको थियो ।  
अ) २०३४ आ) २०३७ इ) २०३६ ई) २०३८
- ग) हामी नेपालीहरु .....गिरिमा चडन सियालु छौं ।  
अ) प्रकृति आ) होचो इ) मैदान ई) कठिन
- घ) नेपालीहरुको आत्मा .....छ ।  
अ) माथि आ) मोटो इ) अमर ई) छोटो
- ङ) रिपु शब्दको अर्थ.....हो ।  
अ) गरिब आ) शत्रु इ) धनी ई) मित्र
- च) नियत शब्दको अर्थ.....हो ।  
अ) डाँका आ) मनसाय इ) मित्र ई) भित्र
- छ) कसिलो शब्दको विपरीतार्थक अर्थ.....हो ।  
अ) कडा आ) खुकुलो इ) कोमल ई) पातलो
- ज) नराम्रो.....बोल्नु ठिक होइन ।  
अ) एकवचन आ) वचन इ) बहुवचन ई) मर्म
- झ) छठ व्रतको अन्तिम दिन .....को कथा वाचन पछि छठ पर्व समाप्त हुन्छ ।  
अ) भोजन आ) छठमाता इ) सुरजबाबा ई) छठीमाई
- ञ) आहो ! मामा तपाईंले फालेपछि म नदिको .....पुगे ।  
अ) सिनारमा आ) किनारमा इ) पिँधमा ई) भित्र
- ट) लाभको उल्टो अर्थ.....हो ।  
अ) बानि आ) हानी इ) दानी ई) सुक्नु
- ठ) भानुभक्तको जन्म कुन महिनामा भएको थियो ।

- अ) चैत्र आ) वैसाख श्रेष्ठ इ) असार ई) भाद्र
- ड) ..... शब्द नाम हो ।
- अ) सौन्दर्य आ) उहाँ इ) हरेक ई) त्यो
- ढ) ..... शब्द विशेषण हो ।
- अ) मेरो आ) भयो इ) ती ई) रिस
- ण) .....शुद्ध शब्द हो ।
- अ) हिमाल आ) हीमाल इ) हिमाल ई) हिमाल
- त) .....सिङ्गो शब्द हो ।
- अ) अमर आ) आज्ञा इ) सिकारु ई) संवाद
- थ) ..... अनेकार्थी शब्द हो ।
- अ) छल आ) बाटो इ) हाल ई) माटो
- द) ..... अव्यय शब्द हो ।
- अ) नत्र आ) म इ)सम्मान ई) छोरी
- ध) बाघको स्त्रीलिङ्ग शब्द.....हो ।
- अ) ककुर आ) बघिनी इ) थपिनी ई) युवराज्ञी
- न) .....वहवचन शब्द हो ?
- अ) खसी आ) भेडो इ) पाडा ई) घोडो

२) तल दिइएको अनुच्छेद पढी सोधिएका प्रश्नहरूको सङ्क्षिप्त उत्तर लेख्नुहोस्:-

५

अपाङ्गहरू पनि हाम्रै देशका बन्धुबान्धव हुन । हाम्रै देशका कर्मठ योद्धा हरु हुन असल नागरिक हुन जसमा देशको माया मुटुभरि हुन्छ । उनीहरूमा पनि अरुजस्तै इच्छा, आकाङ्क्षा, भावना वा चाहना हुन्छन् देशको माया हुन्छ । हामीले उनीहरूलाई छिःछिः र दुरदुर गर्ने होइन । सम्मान र मर्यादित जीवन वाच्ने अवसर दिनुपर्छ । समानताको आँखाले हेर्नु पर्छ । अपाङ्ग हुने वित्तिकै उसका सोचाइ, कल्पनाशीलता र कार्यदक्षता पनि अपाङ्ग हुन्छन् भन्ने सोच्नु मूर्खतावाहेक केही होइन । उपयुक्त अवसर प्राप्त भए उनीहरूले पनि उल्लेखनीय कार्य गर्न सक्छन् । होमर , हेलेन केलर, जोन मिल्टन जस्ता व्यक्तिहरू अपाङ्ग भए पनि आफ्ना बेजोड पतिभाहरूले गर्दा संसारमै प्रसिद्ध छन् । नेपालकी भूमक कुमारी घिमिरे पनि एक सफल उदाहरण हुन । नेपालको इतिहासमा बावुराम आचार्यले आँखाको ज्योति गुमाएर पनि इतिहासको अध्ययन र लेखनमा आजिवन काम गरे । यस्ता उदाहरणहरू प्रशस्तै दिन सकिन्छ । यसरी हेर्ने हो भने अपाङ्ग नागरिकले पनि आफ्नो प्रतिभा, ज्ञान र सीपका माध्यमबाट देशको विकासमा महत्वपूर्ण योगदान पुर्याउन सक्छन भन्ने देखिन्छ । जसकारण अपाङ्गहरूलाई हेला होइन माया र सम्मानका साथ व्यवहार गरौं ।

- क) अपाङ्गहरू को हुन ?
- ख) अपाङ्गहरूलाई कस्तो आँखाले हेर्नु पर्छ ?
- ग) अपाङ्ग भएर पनि संसारमा प्रसिद्ध व्यक्तिहरू को को हुन् ?

- घ) अपाङ्गहरूको योगदान कस्तो हुन सक्छ ?
- ङ) इतिहास र योद्धा शब्दको अर्थ को हो ?
- ३) तलका शब्दहरूलाई अर्थ खुल्ने गरी वाक्यका प्रयोग गर्नुहोस् :- ५
- पुञ्ज , भूगोल , साधना , मर्म , अतुलनीय
- ४) तलका शब्दहरूको अर्थ लेख्नुहोस् :- ४
- सेतु , सहिष्णु , आकृति , मर्म
- ५) तलका प्रश्नहरूको उत्तर दिनुहोस् :- १५
- क) भ्रमकको जीवनीबाट के कस्तो प्रेरणा पाईन्छ ?
- ख) आन्तरिक पर्यटनका फाइदाहरू के के हुन ?
- ग) छठ पर्वले कसरी साँस्कृतिक एकताको काम गरेको छ ?
- घ) परिचय कविताबाट प्राप्त हुने मूल सन्देश के हो ?
- ङ) एउटै मुटु एउटै मर्म गीतले कस्तो सन्देश दिन खाजेको छ ?
- ६) कोष्ठकका सङ्केतका आधारमा वाक्य परिवर्तन गर्नुहोस्:- ५
- क) दिनेश विद्यालय जान्छ । (सम्भावनार्थ)
- ख) दिदीहरू विदेश जाने भएका छन । (पुलिङ्ग)
- ग) उ भात खान्छ । (बहुवचन)
- घ) उसले राम्रो काम गरेन् । (करण)
- ङ) दिदीले असल काम गरेर देशको नाम राखी (उच्च आदर)
- ७) रेखाङ्कित शब्दहरूको पद वर्ग छुट्याउनुहोस् :- ३
- हिमालको काखबाट विस्तारै उडेर रङ्गीन डाँफे र मुनालहरू तराईको ठुलो फाटमा गएर मितेरी लाउछन् ।
- ८) 'पढाइको महत्त्व' शीर्षकमा संवाद लेख्नुहोस् । ५
- ९) कोष्ठकमा दिइएका धातु र सङ्केतका आधारमा वाक्य पूरा गर्नुहोस्:- ५
- क) उमेश बेसरी ..... । (हाँस : अपूर्ण भूत)
- ख) उनीहरूले अहिले भात .....। (खा : अपूर्ण वर्तमान)
- ग) विद्यार्थीहरू उच्च शिक्षा हाँसिल .....। (गर् : पूर्ण भविष्यत् )
- घ) नेपालले फुटबल खेलमा वीरता देखाउल । ( सामान्य भूत )
- ङ) दीपकले भात .....। (खा : सामान्य वर्तमान)

- १०) सप्रसङ्ग व्याख्या गर्नुहोस् :- ५
- सवैको एकै हाड र मासु रङ्ग र रोगन  
देहमा दिल, दिलमा ईश्वर, अछुत नभन ॥
- ११) तलका वाक्यलाई उपयुक्त चिन्ह तथा वर्णविन्यास मिलाएर शुद्ध पारी सार्नुहोस् : ३
- सूरुका प्रयाश सफल नभए पनी उनले हीम्मत हारिनन् आखीर सफलताको शिखर पूगेरै छाडिन् ।
- १२) तल दिएको शीर्षकमा निबन्ध लेख्नुहोस् :- ५
- ख) स्वच्छ वातावरण

शुभकामना

नमूना प्रश्न

पूर्णाङ्क : ८०

उत्तीर्णाङ्क : ४०

१) खाली ठाउँमा मिल्ने शब्द छानेर लेख्नुहोस् :-

२०

- क) प्रभु शब्दको अर्थ के हो ।  
अ) पापी आ) दयालु इ) ईश्वर ई) ज्ञानी
- ख) भूमकले कुन कृतिबाट मदन पुरस्कार प्राप्त गरिन् ।  
अ) सङ्कल्प आ) प्रतिविम्ब इ) जीवन काँडा कि फुल ई) गगन
- ग) भूमकको पहिलो कृतिको प्रकाशन कहिले भएको थियो ?  
अ) २०५४ आ) २०६६ इ) २०५५ ई) २०४४
- घ) .....सिङ्गो शब्द हो ।  
अ) पाल्पाली आ) दाप इ) भिडन्त ई) विवाद
- ङ) प्रलय शब्दको अर्थ.....हो ।  
अ) धेरै आ) ठुलो इ) सर्वनास ई) उन्नती
- च) वैरीको उल्टो अर्थ.....हो ।  
अ) साधु आ) चोर इ) डाँका ई) मित्र
- छ) सतह को उल्टो अर्थ.....हो ।  
अ) माथि आ) कमसल इ) भित्र ई) पिँध
- ज) सूर्य पूजकहरुमा .....को भावना हुँदैन ।  
अ) छुवाछुत आ) मन इ) धन ई) जन
- झ) छठको कुन दिन परिवारका सदस्यहरुले नयाँ लुगा लगाउँछन् ।  
अ) पहिलो आ) दोस्रो इ) छैठौँ ई) तेस्रो
- ञ) आहो ! मामा तपाईंले फालेपछि म नदिको .....पुगे ।  
अ) सिनारमा आ) किनारमा इ) पिँधमा ई) भित्र
- ट) पापको शब्दको विपरीतार्थक अर्थ.....हो ।  
अ) शोक आ) धर्म इ) कर्म ई) हर्ष
- ठ) नेपाली साहित्यमा युगकवि भनेर.....चिनिन्छन् ।  
अ) माधवप्रसाद घिमिरे आ) सिद्धिचरण श्रेष्ठ  
इ) मोतिराम भट्ट ई) लक्ष्मीप्रसाद देवकोटा
- ड) ..... शब्द नाम हो ।  
अ) माथी आ) सन्चो इ) लुलो ई) ठुलो
- ढ) ..... शब्द सर्वनाम हो ।  
अ) अग्लो आ) ती इ) माटो ई) प्रशस्त
- ण) .....शुद्ध शब्द हो ।  
अ) निसकर्श आ) पोडेल इ) विद्यालय ई) लक्ष्मीप्रसाद
- त) गर्त को अर्थ.....हो ।  
अ) माटो आ) ताउलो इ) मादल ई) खाडल
- थ) ..... अनेकार्थी शब्द हो ।  
अ) छल आ) बाटो इ) कर ई) माटो
- द) ..... अव्यय शब्द हो ।  
अ) गोरी आ) म इ) विस्तारै ई) धेरै
- ध) नरको स्त्रीलिङ्ग शब्द.....हो ।  
अ) भगवान आ) सम्राट इ) नारी ई) युवराज
- न) .....वहुवचन शब्द हो ।  
अ) दुक्ला आ) ठुलो इ) मोटो ई) घोडो

- २) तलको अनुच्छेद पढि सोधिएका प्रश्नहरूको उत्तर दिनुहोस् :- ५
- नेपालको प्रकृतिक बनोट विचित्रको छ । आकारमा सानो भएता पनि सानो भौगोलिक क्षेत्रफलमा खुम्चियता पनि नेपाल हिमाल, पहाड र तराईको अनौठो सङ्गम रहेको छ । हिरा, मति सानो हुन्छ तर पनि मुल्यवान हुन्छ । नेपाल पनि सानो छ तर मूल्यवान छ जसकारण नेपाललाई हिराको पर्यायको रूपमा लिन सकिन्छ । उत्तर दिशामा पश्चिमदेखि पूर्वसम्म फैलिएका पङ्क्तिबद्ध हिमशृङ्खलाहरू छन् । विश्वका दस ओटा शिखरहरू मध्ये सगरमाथा लगाएत आठ ओटा हिमचुलीहरू यहीं रहेका छन् । हिमालमुनि तरेली परेका हरिया पहाडहरू छन् । तिनका मुनि भित्री मधेस र उर्वर तराई छ । प्रकृतिको एउटा सुन्दर सिर्जना जस्तो लाग्ने यो मुलुक विश्वकै सुन्दर देशहरूमध्ये एक हो । यसभित्र प्राकृतिक दृश्यावलीका दृष्टिले सयौं आकर्षक र सुन्दर ठाउँहरू छन् । तीमध्ये सुदूर पश्चिमाञ्चलको खप्तड प्रकृति, संस्कृति र जैविक विविधताका दृष्टिले मन मोहक स्थल रहेको छ ।
- क) नेपाललाई किन विश्वकै सुन्दर देश भनिएको हो ?
- ख) नेपाललाई हिराको पर्यायको रूपमा कसरी लिन सकिन्छ ?
- ग) नेपालमा कस्तो सङ्गम रहेको छ ?
- घ) प्राकृतिक दृष्टिले खप्तड कस्तो ठाउँ हो ?
- ङ) 'तरेली' र 'विचित्र' शब्दको अर्थ लेख्नुहोस् ?
- ३) तलका शब्दहरूलाई अर्थ खुल्ने गरी वाक्यका प्रयोग गर्नुहोस् :- ५
- गिरि , आरोप , कृतज्ञता , प्रेरणा , पुरस्कृत
- ४ तलका शब्दहरूको अर्थ लेख्नुहोस् :- ४
- प्रवाहित , पर्यटक , कष्टकर , निर्धिनी
- ५) तलका प्रश्नहरूको उत्तर दिनुहोस् :- १५
- क) भ्रमकलाई काँडाका विचमा फुलेकी फुल किन भनिएको हो ?
- ख) आन्तरिक पर्यटन भनेको के हो ?
- ग) छठमा पवित्रताको कुन कुन पक्षमा बढी ख्याल गर्नुपर्छ ?
- घ) परिचय कवितामा कविले नेपालीको परिचय कसरि दिएका छन् ?
- ङ) एउटै मुटु एउटै मर्म गीतको मुख्य आसय के हो ?
- ६) कोष्ठकका सङ्केतका आधारमा वाक्य परिवर्तन गर्नुहोस्:- ५
- क) राम विद्याल जान्छ । (सम्भावनार्थ)
- ख) दिदीहरू विदेश जाने भएका छन । (पुलिङ्ग)
- ग) सेतो हिमाल टल्कियो । (बहुवचन)
- घ) उहाँले राम्रो काम गर्नुभयो । (अकरण)
- ङ) गुरुवाले व्याकरण पढायो (उच्च आदर)
- ७) रेखाङ्कित शब्दहरूको पद वर्ग छुट्याउनुहोस् । ३
- आमाले भन्नुभयो बाबु विस्तारै जाउहै यो देशको नाम राख्नु पर्छ । नत्र हामी धेरै पछि पर्ने छौ ।
- ८) पुस्तकालयको महत्त्व शीर्षकमा संवाद लेख्नुहोस् । ५
- ९) कोष्ठकमा दिइएका धातु र सङ्केतका आधारमा वाक्य पूरा गर्नुहोस्:- ५
- क) राम बेसरी ..... । (हाँस : पूर्ण भूत)
- ख) उनीहरू अहिले सहर .....। (जा : अपूर्ण वर्तमान)
- ग) विद्यार्थीहरू उच्च शिक्षा हाँसिल .....। (गर : पूर्ण भविष्यत्)
- घ) नेपालले फुटबल खेलमा वीरता देखायो । ( सामान्य वर्तमान )
- ङ) दीपकले भात खायो.....। (खा : अपूर्ण भूत)
- १०) सप्रसङ्ग व्याख्या गर्नुहोस् : ५
- आँगनीछेउ गाइने गाउँछ दलको सवाई  
अछुत भाइ हिर्दय छुन्छ सारङ्गी बजाई ॥
- ११) तलका वाक्यलाई उपयुक्त चिन्ह तथा वर्णविन्यास मिलाएर शुद्ध पारी सार्नुहोस् : ३
- नीम्न वर्गीय कीसानका छोराछोरीले पाउने सुविधा भनेको रुखोसुखो खाना, यकसरो नाना र सामान्य शिक्षा हो ।
- १२) तल दिएको शीर्षकमा निबन्ध लेख्नुहोस् :- ५
- क) हरियो वन

SOCIAL+GK

CONTRIBUTOR

ANITA TAMANG

## SYLLABUS

<b>First Unit Test (32 days)</b>				
<b>Unit No.</b>	<b>Unit Name</b>	<b>Lesson Name</b>	<b>Estimated periods</b>	<b>Learning Objectives</b>
1.	We, Our Community and its Importance	1.The Origin of Society and its Importance 2.The Development Process of Society	7	Upon completing this chapter, student will be able to tell:  - about the human origin - different phases of human society - how people used to live in the stone age
2.	Social Norms And Values Of Our Society	1.Religious Customs Of Our Society 2.Social Customs Of Our Society	7	-the term religion and its impact on people will be clear -rituals of people of Nepal from pre birth to post death will be cleared
3.	Social Problems and Their Solution	1.Social Problems and Evils 2.Causes and Solutions of Social Problems and Evils	10	-meaning of social evils and problems -causes, effects and solutions of social problems will be known to students
4.	Civic Consciousness	1.Basic Elements of a State 2.Fundamentals Rights	8	- knowledge of state -why people need fundamental rights and what are fundamental rights guaranteed by government of Nepal will be known by the students

<b>First Term Examination(35 days)</b>				
<b>S.N.</b>	<b>Unit Name</b>	<b>Lesson Name</b>	<b>Estimated periods</b>	<b>Learning Objectives</b>
5.	Our Earth	1.Topography of the Earth 2.Climate Change 3.Effects and Impacts of Climate Change	8	-After completing the unit students can explain about the earth structure and how is it being affected by climate change. -cause, effect and solution of climate change
6.	Our Past	1.Introduction to Medieval Nepal 2.The Political Condition of Medieval Nepal 3.The Social Condition of Medieval Nepal 4.The Economic Condition of Medieval Nepal	10	-Students can tell about the medieval Nepal, such as, how Malla Kings ruled and what were their major social, economic and political reformation in Kathmandu Valley
7.	Our Economic Activities	1.Natural Resources of Nepal and their Uses 2.Forests and Minerals as Natural Resources	6	-ideas will be developed regarding the conservation and protection of natural resources and its proper uses for the development of the country
8.	International Relation and Co-operation	1.Activities of the SAARC 2.Role of Nepal in the SAARC	5	Students can have the knowledge on: -concept of SAARC -member countries of SAARC along with its importance, objectives and benefits
9.	Population Education And Population Situation	1.Introduction to Population Education 2.Scope of Population Education	6	Students will gain information about population education and the multidimensional subject covered by it.

<b>Second Unit Test (30)</b>				
<b>Unit No.</b>	<b>Unit Name</b>	<b>Lesson Name</b>	<b>Estimated periods</b>	<b>Learning Objectives/Focus</b>
10.	Population Growth And Management	1.Status of Population Growth in Nepal 2.Causes and Effects of Rapid Population Growth	4	learner can identify -the causes, effects and solution of population growth -current status of population growth in Nepal and its effect
1.	We, Our Community And Nation	3.The Ways of Socialization 4.The Modes and Agents of Socialization	6	Students can compare their day to day life with and without socialization. They can understand the importance of adjusting in the society with people from different background.
2.	Social Norms And Values Of Our Society	3.Customs of Some Communities in Nepal 4.Our Nationality: Our Pride	6	The glorious heritages of Nepal and its rich history can take the attention of the students and can have pride for being a Nepali
3.	Social Problems And Their Solutions	3. Schools and Organization in Solving Social Problems 4.The Conflict and its Proper Management	6	Students can distinguish the positive and negative impact of conflict and will be familiar with the ideas of solving problem through brainstorming
4.	Civic Consciousness	3.Child Rights 4.Efforts of Child Right Protection in Our Country	5	Upon learning these lessons students will be able to explain: -Child Rights is the integral part of every children born in this world. -How to stand for their right by fulfilling their duties -Organizations related to child rights and its protection
5.	Our Earth	4.Disaster Management	3	-Necessary precautions to be taken before and after the occurrence of the natural calamities.

<b>Second Term Examination(30 days)</b>				
<b>Unit No.</b>	<b>Unit Name</b>	<b>Lesson Name</b>	<b>Estimated periods</b>	<b>Learning Objectives/Focus</b>
1.	We, Our Community And Nation	5.The District Development Committee as the Local Self-Government 6.The functions of the District Development Committee	4	Students will tell about new changed local government
2.	Social Norms And Values Of Our Society	5.Gehendra Shumsher Rana :The First Nepali Scientist 6.Some Historical Personalities Of Our Country	4	Tell about the remarkable personalities will boost the confidence of the students that everything is possible if we dare to try
3.	Social Problems And Their Solutions	5.Peace:Meaning and Impotence	1	concept of peace and its importance
4.	Civic Consciousness	5.Democratic Culture 6.Equal Behavior	4	-the values, norms and ethics of democracy will be learnt along with its importance
6.	Our Past	5.The Art and Architecture of Medieval Nepal	1	-students can explain the colorful history of Nepal and its achievement in art and architecture
7.	Our Economic Activities	3.Industrial Activities 4.Relation between Agriculture and Industry	4	-the relationship between agriculture and industries and their importance
8.	International Relation And Co-Operation	3.Landlocked Countries in the World 4.Problems of Landlocked Countries and their Solutions	4	-concept of landlocked countries and coastal countries -advantages and disadvantages of landlocked countries
9.	Population Education And Population Situation	3.Evolution of Population Education 4.Family Life Education	4	-importance of population education stating its involvement in the curriculum
10.	Population Growth And Management	3.Population Management and Quality of Life 4.Measures of Population Management	4	-Why population should be managed and how it affects quality of life

<b>Third Unit Test(20 days)</b>				
<b>Unit No.</b>	<b>Unit Name</b>	<b>Lesson Name</b>	<b>Estimated Periods</b>	<b>Learning Objectives</b>
5.	Our Earth	5.Nepal:Physical Features and Socio-economic Life 6.Nepal:A Land of Diversity	6	Students get familiar with the three distinctive geographical features of Nepal and how that is boon to our country Nepal.
7.	Our Economic Activities	5.Trade Activities	2	The concept of trade and the current scenario of trade of our country Nepal
8.	International Relation and Co-operation	5.Current Affairs of the World	2	Explain all the important events of the world
9.	Population Education and Population Situation	5.Sources of Population Statistics 6.Vital Registration System, Sample Survey and Administrative Records 7.Population Growth in Nepal: A Tendency	6	-meaning of population statistics -sources of retrieving the information of Population
10.	Population Growth and Management	5.Measures of Quality of Life 6.Roles of National Organization in Population Management	4	-how quality life can be achieved -the factors affecting quality of life

**Third Term Examination (30 days)**

<b>Unit No.</b>	<b>Unit Name</b>	<b>Lesson Name</b>	<b>Estimated Periods</b>	<b>Learning Objectives</b>
1.	We, Our Community And Nation	7.Transportation:An Infrastructure of Development 8.Communication:Another Infrastructure Of Development	4	-importance of infrastructural development in the country -means and modes of transportation and communication -impact of transportation and communication in nation development
2.	Social Norms And Values Of Our Society	7.Our Social Behaviors, Customs and Traditions 8.Folk Culture Of Our Country	4	-the ethics ,values, morals and etiquettes can be learned by the students which they can apply in their day to day life -can know the importance of folk culture which is being dominated by western music
4.	Civic Consciousness	7.Social Rules and their Importance	2	-importance of social rules in the society -can know how people behaviors can be controlled through social rules -students can make

				their own social rules to solve the social problems of their society
5.	Our Earth	7.Map Work 8.Latitude and Longitude 9.Europe 10.Australia	8	-students will be able to draw map of Nepal, Europe and Australia -They can plot the important aspects of physical features of two continents
6.	Our Past	6.The Hwang-Ho Valley Civilization 7.The Mesopotamian Civilization	4	-students can learn to compare the lifestyles of the people of ancient period to the modern life and can distinguish the achievement done during the different civilizations
9.	Population Education And Population Situation	8.The Composition of Population by Age, Sex and Religion 9.The Population Composition by Language, Caste and Occupation 10.The Distribution Of Population	8	-can tell how people are composed and distributed in different parts of the country Nepal

## SPECIFICATION GRID

### FIRST UNIT TEST

Unit No	Unit Name	Period	Very Short	Short	Long	Total No of Question	Total Marks	Remarks
1	We and Our Society		1(KB)	1(KB)		2	6	
2	Our Social Norms & Values		1 (CT)	1 (CB)		2	6	
3	Social Problems & Prevention		1 (KB)	1 (PR)		2	6	

4	Civic Consciousness		1 (KB)		1 (CT)	2	8	
5	Our Earth		1 (PR)		1(PR)	2	8	
6	Our Past		1 (KB)	1 (CT)		2	6	
7	Our Economic Activities		1 (KB)	1 (KB)		2	6	
8	International Relation & Co- operation		1 (KB)	1 (KB)		2	6	
9	Population Education & Population Situation				1 (KB)			
10	Population Growth & Management		1 (KB)			1	1	
	GK Lesson B		20 (KB)			20	20	

KB: Knowledge and Comprehension

CT: Critical Thinking Skills

PR: Practical & Research Skills

Types of Question

No. of Questions

Total Marks

Time

Long Questions

3

7\*3=21

Short Questions

5

6\*5=30

Very Short Questions

9

9\*1=9

### FIRST TERMINAL

Unit No	Unit Name	Period	Very Short	Short	Long	Total No of Question	Total Marks	Remarks
1	We and Our Society		1(KB)	1(KB)		2	3	15 Marks For Theoretical from Social Studies.
2	Our Social Norms & Values		1 (CT)			1	1	
3	Social Problems & Prevention		1 (KB)	1 (PR)		2	3	
4	Civic Consciousness				1 (CT)	1	7	5 Marks is allocated from GK.
5	Our Earth		1 (PR)			1	1	
6	Our Past							
	GK Lesson B		20 (KB)			5	5	

KB: Knowledge and Comprehension

CT: Critical Thinking Skills

PR: Practical and Research Skills

Types of Question	No. of Questions	Total Marks	Time
Long Questions	1	7*1=7	12 min
Short Questions	2	2*2=4	13 min
Very Short Questions	9	9*1=9	15 min

## SECOND UNIT TEST

Unit No	Unit Name	Period	Very Short	Short	Long	Total No of Question	Total Marks	Remarks
1	We and Our Society		1 (KB)	1(KB)		2	3	
2	Our Social Norms and Values		1 (CT)			1	1	
3	Social Problems and Preventions		1 (KB)	1 (PR)		2	3	
4	Civic Consciousness				1 (CT)	1	7	
5	Our Earth		1 (PR)			1	1	
6	G.K Lesson C		5(KB)			5	5	

KB: Knowledge and Comprehension

CT: Critical Thinking Skills

PR: Practical and Research Skills

Types of Questions	No. of Questions	Total Marks	Time
Long Questions	1	7X1= 7	12 mins
Short Questions	2	2X2= 4	13 mins
Very Short Questions	4	4X1= 4	15 mins
MCQ	5	5X1= 5	
		Total: 20	

## SECOND TERMINAL

Unit No	Unit Name	Period	Very Short	Short	Long	Total No of Question	Total Marks	Remarks
1	We and Our Society		1 (KB)	1(KB)		2	6	
2	Our Social Norms and Values		1 (CT)	1 (CB)		2	6	
3	Social Problems and Preventions		1 (KB)	1 (PR)		2	6	
4	Civic Consciousness		1 (KB)		1 (CT)	2	8	
5	Our Earth		1 (PR)		1(PR)	2	8	
6	Our Past		1 (KB)			1	1	
7	Our Economic Activities		1 (KB)	1 (KB)		2	6	
8	International Relation and Co-operation		1 (KB)	1 (KB)		2	6	
9	Population Education and Population Situation				1 (KB)	1	7	
10	Population Growth and Management		1(KB)	1(PR)		1	6	
11	G.K Lesson D		20 (KB)			20	20	

KB: Knowledge and Comprehension

CT: Critical Thinking Skills

PR: Practical and Research Skills

Types of Questions	No. of Questions	Total Marks	Time
Long Questions	3	7X3= 21	
Short Questions	6	6X5= 30	
Very Short Questions	9	9X1= 9	
MCQ	20	20X1= 20	
		Total : 80	

# THIRD UNIT TEST

Unit No	Unit Name	Period	Very Short	Short	Long	Total No of Question	Total Marks	Remarks
5	Our Earth		1 (PR)			1	1	
6	Our Past		1 (KB)			1	1	
7	Our Economic Activities			1 (KB)		1	2	
8	International Relation and Co-Operation		1(KB)	1(KB)		2	3	
9	Population Education and Population Situation				1(KB)	1	7	
10	Population Growth and Management		1(KB)			1	1	
11	G.K Lesson F		5(KB)			5	5	

KB: Knowledge and Comprehension

CT: Critical Thinking Skills

PR: Practical and Research Skills

Types of Questions

No. of Questions

Total Marks

Time

Long Questions

1

7X1= 7

12 mins

Short Questions

2

2X2= 4

13 mins

Very Short Questions

4

4X1= 4

15 mins

MCQ

5

5X1= 5

5mins

Total: 20

### THIRD TERMINAL EXAMINATION

Unit No	Unit Name	Period	Very Short	Short	Long	Total No of Question	Total Marks	Remarks
1	We and Our Society		1 (KB)	1(KB)		2	6	
2	Our Social Norms and Values		1 (CT)	1 (CB)		2	6	
3	Social Problems and Preventions		1 (KB)			1	1	
4	Civic Consciousness		1 (KB)		1 (CT)	2	8	
5	Our Earth		1 (PR)		1(PR)	2	8	
6	Our Past		1 (KB)	1(CT)		2	8	
7	Our Economic Activities		1 (KB)	1 (KB)		2	6	
8	International Relation and Co-operation		1 (KB)	1 (KB)		2	6	
9	Population Education and Population Situation				1 (KB)	1	7	
10	Population Growth and Management		1(KB)	1(PR)		2	6	
11	G.K Lesson E		20 (KB)			20	20	

KB: Knowledge and Comprehension

CT: Critical Thinking Skills

PR: Practical and Research Skills

Types of Questions

No. of Questions

Total Marks

Time

Long Questions

3

7X3= 21

Short Questions

6

6X5= 30

Very Short Questions

9

9X1= 9

MCQ

20

20X1= 20

Total : 80

## MODEL QUESTION BASED ON FIRST UNIT

FULL MARKS : 20

PASS MARKS : 10

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A) Choose the best answer:-

5X1=5

Function of bone.....

- a. Produces Lymph                      b. Stores Calcium
  - c. Controls reflex action              d. None
1. The Zonal Headquarter of Bagmati is .....
  - a. Bhaktapur                              b. Dhading
  - c. Dhunche                                d. Kathmandu
3. The least populated country is .....
  - a. Switzerland                          b. Japan
  - c. Vatican City                          d. Monaco
4. Which country won the 2011 AD World Cup Cricket Match?
  - a. India                                      b. Sri Lanka
  - c. Australia                                d. South Africa
5. Islam Religion was founded by .....
  - a. Mahabir Jain                            b. Prophet Muhammad
  - c. Guru Nanak                             d. Gautam Buddha

B) Give answer to very short questions.

4x1=4

- a) Define Social Harmony.
- b) What is meant by right to religion?
- c) Write one difference between social problem and evil.
- d) What do you mean by Climate change?

C. Give Answer to the following question.

2x2=4

- a) What were the major achievements of the middle stage? Mention any two.
- b) What are the regions based evil practices of our country? Make a list along with their causes.

D. Long Question.

1x7=7

- a) "Rights and duties are complementary to each-other". Justify the statement.

"GOOD LUCK"

## MODEL QUESTION BASED ON FIRST TERMINAL

FULL MARKS: 80

PASS MARKS: 40

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**A.Choose the most appropriate answer :** (20×1=20)

1.Fish is the .....animal.

- a) Homothermic      b)WBC      c) Poikilothermic      d) None

2.The Chitwan National park was eastablished in 2032 B.S. It covers a total area of .....sq.km.

- a) 1710      b) 932      c)968      d) None

3. A person who comes to visit our country is a.....

- a) Optician      b)Trader      c)Operator      d)Faraday

4. National Game of Spain is.....

- a)Bull Fighting      b)Volleyball      c)Table Tennis      d )Football

5. The building .....is huge.

- a) sight      b)seat      c)site      d)all

6.On the ..... ,I enjoyed it .

- a) whole      b)world      c)overall      d)hole

7.Sikhs go to worship in .....

- a)Church      b)Gurudwara      c) Mosques      d)Gumba

8.Holy Book Of Christain is .....

- a) Granth Sahib      b)The Bible      c)Kalpasutra      d) none

9.Silk fibres are produced by .....

- a)worm      b)ringworm      c) silkworm      d) none

10. The first Martyr of Nepal is .....

- a) Lakhna Thapa      b) Shukraraj Shastri  
c) Ganga Lal Shrestha      d) Dasartha Chand

11. To make a man a perfect man there is need of .....

- a) Socialization      b) money      c) change      d) environment

12. Udhauli and Ubhauli are observed by the .....community.

- a) Sherpa      b) Limbu      c)Tamang      d) Rai

13.....is a measure of conflict management.

- a) Transparency      b) Negotiation      c) Good Governance      d) All

14. Nepal was declared republic in.....

- a) 2065 Jestha 15      b) 2063 Jestha 10      c) 2065 Jestha 14      d) 2063 Asar 20

15. Population of Nepal according to census 2068 B.S. is .....

- a) 2,64,94,500      b)2,64,90,504      c)2,64,04,504      d)2,64,94,504

16.....help to plan for future?

- a) Population                      b) Population Education      c) Reproduction Education d) None

17. Malla Kings ruled over Nepal about .....years.

- a) 600                                  b) 800                                  c) 500                                  d) 700

18. All the children up to the age of 14 are considered as.....

- a) Juniors                              b) minors                              c) minority                              d) none

19. Disagreement or clash in the opinion is known as .....

- a) Fight                                  b) conflict                                  c) misunderstanding                          d) none

20. Ice in the Himalayas is melting .....

- a) Slowly      b) gradually      c) very fast      d) fast

**B. Give every short answers to the following questions. (9×1=9)**

- 1) Write one social problem with appropriate solution.
- 2) Maghi is the main festival of which community?
- 3) What is blood bank?
- 4) Who are called Children?
- 5) Write full form of CFC.
- 6) When did the medieval period begin and end in Nepal?
- 7) What are the natural resources?
- 8) Name the present SAARC Secretary General.
- 9) Mention one cause of population growth.

**C. Answer the following question. (6×5=30)**

- 1) What is socialization? Explain the agents of socialization.
- 2) "Nepal has never been under any foreign rule". Justify the statement.
- 3) What do you mean by conflict? Write any four main causes of conflict.
- 4) What would have happened if Nepal had not been unified by Prithvi Narayan Shah? Write any 5 consequences of it.
- 5) Define Community forest. Write any four advantages of community forests.
- 6) When was SAARC established? Write four main objective of its establishment.

**D. Long Questions.**

**(7×3=21)**

- 1) What is Child Right? Explain the four categories of child Right.
- 2) Draw a map of Nepal and insert the following facts.  
( Bagmati River, Illam, Rara Lake, Mt. Api)
- 3) Define the term Population. Explain the elements/ determinants of population change.

**"Good Luck"**

**ENGLISH II**  
**CONTRIBUTORS**

**JAMUNA SHRESTHA**

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## Syllabus

### I<sup>st</sup> Unit Test

S.No.	Lesson	Name of the Lesson	Estimated Time	Objectives(students will be able to)
1	1	The sentence	4 days	Identify types of sentences
2	2	Noun	5 days	Define noun & its types with examples
3	3	Articles	4 days	Use articles appropriately in sentences
Paragraph writing			3 days	Write short notes on any topics

### I<sup>st</sup> Term

4	6	Verbs	4 days	Identify verbs & its types
5	7	Verbs expressing present ,past, future	15 days	Use different forms of verbs appropriately
6	3	Adjectives	5 days	Explain adjectives & its types with examples
7	24	Synonym/Antonyms	3days	Find the words with their similar meaning as well as their opposite meaning
8	26	Comprehension 1,2,3	5 days	Understand the theme of the text and do the activities accordingly
Essay Writing/Book review	3 days	Develop skills of writing different types of essays/review any books		

### II<sup>nd</sup> Unit Test

9	14	Preposition	5 days	Use preposition appropriately
10	16	Reported speech	5 days	Report the actual words spoken by the speaker
11	27	Letter writing-informal	3 days	Develop the skill of writing in formal letters

### II<sup>nd</sup> Term

12	16	Reported speech	5 days	Report the actual words spoken by the speaker
13	13	Adverbs	4 days	Define adverb, its types and uses of adverb suitably
14	24	Synonym/Antonym	3 days	Find the words with their similar meaning as well as their opposite meaning
15	12	Voice	6 days	Define voice and its types and change one form of voice into another
Letter writing-Formal/ Book review			3 days	Develop the skill of writing formal letters/review any books

### III<sup>rd</sup> Unit Test

16	12	Voice	6 days	Define voice and its types and change one form of voice into another
17	20	Transformation of sentences	3 days	Transform one form of sentence into another
Story writing			4 days	Construct a readable story with the help of guidelines

### Final term (revision)

**SPECIFICATION GRID**  
**FOR UNIT TEST**

<b>S. No.</b>	<b>Topics</b>	<b>Types of questions</b>	<b>No. of questions</b>	<b>Weightage of each question</b>	<b>Total marks</b>
1.	Comprehension	Seen Passage -Question/answer -True/False -Antonym/Synonym	3 4 3	1 0.5 1	8 marks 3 2 3
2.	Question/ Answer (Text book)	Answering in detail	2	1.5	3marks
3.	Meanings		3	1	3marks
4.	Vocabulary	Forming antonyms adding prefixes	4	0.5	2 marks
5.	Composition	Situational Writing	1	4	4 marks

**Specification Grid ( First Term)**

S. No.	Topics	Types of questions	No. of questions	Weightage of each question	Total marks
1.	Comprehension	Seen Passage			10 marks
		-Question/answer	3	1.5	4.5
		-Fill up the gaps	5	0.5	2.5
		-True/False	3	1	3
2.		Unseen Passage			10 marks
		-Question/answer	3	1	3
		-Antonyms/Synonyms	4	1	4
		-Complete the sentence	3	1	3
3.	Question/Answer	Answering in detail	5	2	10 marks
4.	Meanings		6	1	6 marks
5.	True/False		6	1	6 marks
6.	Filling the gaps		6	1	6 marks
7.	Sentence Formation		5	1	5 marks
8.	Joining sentences using relative pronoun		6	1	6marks
9.	Composition	-Character Sketch	1	6	6 marks
		-Situational Writing	1	7	7 marks
		-Story Formation	1	8	8 marks
10.	MCQ		20	1	20 marks

## MODEL QUESTION

FULL MARKS : 20

PASS MARKS : 10

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1. Read the passage carefully and answer the following questions:

It was some days before we discovered that Marcus was only partly deaf. He was still able to hear anything connected to food. I was carving a joint one Sunday when a tiny scrap of meat slipped from the fork and dropped on the carpet. Although he was asleep in the kitchen- some distance away- he hurtled into the dining room and gulped it down. 'Hey! I thought you were deaf!' I said. Marcus' jaw and tail both dropped. He seemed to remember that he was deaf.

Answer the following questions: 3

- a. Why was Marcus partly deaf?
- b. What did Marcus do when a scrap of meat fell on the carpet?
- c. What could Marcus hear?

A. Find the words with the similar meanings from the above passage 3

- a) run with great speed
- b) invented
- c) related

B. Write true or false: 2

- a) Marcus was completely deaf.
- b) Marcus rushed to the kitchen and ate the meat.
- c) Marcus was pretended to be deaf.
- d) Marcus' master realized that he was not completely deaf.

2. Answer the following questions: 3

- a) According to Kunwar Singh, what were the two qualities a man should have in order to walk fearlessly in the jungle?
- b) Why was Nick given a certificate by the Germans?

3. Write the meanings of:- 3

- a) nullah
- b) abandoned
- c) ramped

4. Write the opposites of these words adding suitable prefixes: 2

- a) appropriate
- b) civilized
- c) clean
- d) decent

5. Imagine that you are Kunwar Singh. What would you do to save the life of Har Singh? 4

### Specification Grid for 1st term exam

1) Read the passage carefully and answer the following questions:

Andre was eleven years old and he knew one cannot touch electric wires. One day he watched the swallows as they took off from their perch on the power lines. One of the swallows stayed behind, hanging there, flapping its wings. He saw it was caught by its claws. He wanted to rush back and tell his mother, but she would scold him for being late for school, so he went off to catch the bus. Coming back from the school he felt anxious, but he did not try to look up till he was quite near. The swallow was still there, its wings spread but not moving. It was dead, he guessed. Then he saw it flutter and fold its wings. He felt awful to think it had hung there all day. The boy went in and called his mother. "It's a pity but I'm sure it will free itself somehow" said mother.

- A. Answer the following questions: 4.5
- What was Andre worried about?
  - Why did Andre try not to look up?
  - What was Andre's mother's response?
- B. Write whether these statements are true or false 3
- Andre saw a swallow hanging in a power line by its claws.
  - Andre came through this incident in his school.
  - Andre's mother denied to help the bird.
- C. Fill up the gaps: 2.5
- Andre was \_\_\_\_\_ years old.
  - He saw a \_\_\_\_\_ caught by its claws.
  - He wanted to go back to tell his \_\_\_\_\_.
  - Andre was going to his \_\_\_\_\_ when he saw this incident
  - Andre's \_\_\_\_\_ did not try to help him

2. Read the passage carefully and answer the following questions:

Suren said, "If I tell the people I have been in a spaceship, they will probably think I am joking or, perhaps, out of my mind." "Don't worry!" the voice said. "We'll give you an object that will prove what you say is truth. Pick it up. It's a tiny computer, far more advanced than any found on the earth. When it will be examined by a computer engineer, we're sure your story will be believed."

The screen lit up, and Suren saw the world growing larger and larger. He saw the Himalayas and the river Sunkoshi. The screen grew dark, the door opened and Suren stepped out onto the sand. As soon as he was out of the spaceship, it ascended at an enormous speed and disappeared. At home, before going to bed, he wondered whether he had been dreaming, but when he put his hand in his pocket, he could feel the tiny computer.

Answer the following questions: 3

- Why did the stranger give Suren a tiny computer?
- How did Suren know it was not a dream?
- Where did the spaceship take him back?

A. Complete the sentences: 3

- a) Suren had not \_\_\_\_\_.
- b) Suren saw \_\_\_\_\_.
- c) \_\_\_\_\_ disappeared near Suren.

B. Find the words with the similar meaning from the passage:- 4

- a) large
- b) surprise
- c) small
- d) vanish

3. Answer the following questions:- 10

- a) What are the two things one needs in order to walk fearlessly in the jungle according to Kunwar Singh?(Learn How to Climb Trees)
- b) Why could one swallow not fly away? (The Boy and the Swallow)
- c) Why was Ameena sad? (Festival of Eid)
- d) What did the swallow do while sitting on the prince's shoulder?(The Happy Prince)
- e) Why did the schoolboy help the old woman? ( Somebody's Mother)

4. Write the meanings of:- 6

- detained
- garret
- seamstress
- decimated
- nullah
- ramped

5. Write whether these statements are true or false:- 6

- a) Nick jumped from seven kilometers high.
- b) Kunwar Singh was attacked by a tiger.
- c) Horace Denbt hated prisons.
- d) Grandfather kept a puppy in his pocket.
- e) The tiger entered the headmaster's room.

6. Complete the sentences: 6

- a) Nick could not use his parachute because \_\_\_\_\_.
- b) Kunwar Singh escaped \_\_\_\_\_.
- c) Father had found the rabbits in \_\_\_\_\_.
- d) Toto was \_\_\_\_\_.
- e) Marcus pretended to \_\_\_\_\_.
- f) The rabbit was put \_\_\_\_\_.

7. Form sensible sentences of your own: 5

- Oblivious
- asphyxiated
- run into
- detained
- brutal

8. Join the sentences using suitable relative pronouns: 6

- a) Coal is a mineral. It is extracted from the bowels of the earth.
- b) Mr. Sharma is the manager of the factory. He is a powerful man.
- c) We lit a fire. It soon dried our clothes.
- d) This is not the story book. I was reading the last night.
- e) I was waiting for the mechanic .He did not turn up.
- f) Come and see the painting. The painting I bought yesterday.

9. Give the character sketch of 'Horace Denby. 6

10. Imagine that you are the principal of your school. What would you do for the school? Write in two paragraphs. 7

11. Develop a story using the clues given below: 8

a hungry fox-----sees a crow-----the crow has a piece of meat-----begins to praise----requests the crow to sing---- the crow is pleased----opens its mouth to sing---meat falls down----the fox thanks and goes away----moral.

**OBT**  
**CONTRIBUTOR**

**BIMALA SHRESTHA**

## SYLLABUS

LESSON	LESSON'S NAME	DAYS	OBJECTIVE
<b>FOR THE FIRST UNIT TEST(15 days)</b>			
1.1	Occupational and vocational education	6	State the concept, importance and classify
2.1	Regional and National employment	2	State the concept and classify
3.1	Sources of employment information	3	Identify the sources
4.1	General Professional skills	2	State the concept and types
5.1	Small, Medium and Large Business Practical work(Unit 12 Handicraft)	4	Know the concept and classify business on the basis of size
<b>FOR THE FIRST TERM EXAM(15 days)</b>			
6.1	Trade and business	2	Explain the concept and relationship
1.2	Training and occupation	3	State the concept and identify the relationship between occupation and training
2.2	General and vocational education	3	Tell the concept and importance of education for training and employment
5.2	Basic components of business	3	State the concept and explain the components
6.2	Market development and business collaboration	3	State the concept and identify the considerations for it
	Practical work(unit 12 Handicraft)	2	Enjoy thevarious use and importance of it
<b>FOR THE SECOND UNIT TEST(15 days)</b>			
15.1	Types of technology	4	Tell the concept and explain the relationship between traditional and modern technology
16.1	Electric components	3	Tell the concept and explain the safe use of electric components
1.3	Classification of occupation based on sectors	3	Classify occupation and Enlist the importance
2.3	Institutions involved in technical education and vocational training	3	Explain about the institutions involved
	Practical(Unit 13 Claywork)	2	Enjoy the aspects and use of clay
	Revision		

<b>FOR THE SECOND TERM EXAM(15 days)</b>			
5.3	Local level business	3	State the concept and identify the considerations of it
6.3	Modernization in business skills	2	Discuss the concept leading to modernization in business skills
15.2	Traditional and modern technology	3	Explain the concept and safeuse of household equipments
16.2	Modern household equipments	2	Know the different types and safeuse of modern equipments
5.4	Selection, management and operation of business	2	Tell the concept of selection, management and operation of business
	Practical work(Unit 9 Dried vegetables ,fruits and foodstuffs)	2	Know and identify its various useforms
<b>FOR THE THIRD UNIT TEST(9 days)</b>			
6.4	Agriculture business and collaboration	2	Tell the concept and importance
6.5	Pricing	1	Explain the concept and method of Pricing
15.2	Safe use of household equipments	2	Tell the concept and explain the safeuse of household equipments
16.3	Technology and its literacy	2	Know the concept, importance of technological literacy
	Practical work(Unit 14 sewing and knitting)	2	Enhance the skill
<b>FOR THE FINAL EXAM(15 days)</b>			
15.4	Principles of traditional technologies	4	Tell the concept and principles of some traditional technologies
16.4	Transmission Process of radio, FM and television	3	Tell the concept and Explain importance
16.5	Computer as a tool of communication	3	Explain Computer as a tool
16.6	Alternative energy sources	3	Tell the concept and importance of various forms of alternative sources
	Practical work( Unit 14.3 Fabric painting)	2	Enhance the skills

**Specification Grid**  
**(First Unit)**

S. No.	Chapters	No of questions each of 1 Mark	No of questions each of 2 Marks	Practical work (Handicrafts)	Estimated periods	Total marks
1.1	Occupation and vocational education	1 (K)	1 (U)		4	5 marks
2.1	Regional and national employment	1(K)			3	3marks
3.1	Sources of Employment Information	1(K)	1 (U+K)		3	2marks
4.1	General professional skill	1(K)			3	
5.1	Small, medium and large business		1(U+A)		2	
Total questions		4	3	2X10=10		20 marks

Note: K= Knowledge Based, U= Understanding Based, A= Application Based, H= Higher Ability Based

**Specification Grid ( First Term)**

<b>S. No.</b>	<b>Chapters</b>	<b>No of questions each of 1 Mark</b>	<b>No of questions each of 2 Marks</b>	<b>No of questions each of 5Marks</b>	<b>Estimated Periods</b>	<b>Total marks</b>
1.1	Occupation and vocational education	2 (K)	1(U)		4	4 marks
2.1	Regional and national employment	2(K)	1(U)		3	4 marks
3.1	Sources of Employment Information	2(K)	1(U)		3	4 marks
4.1	General professional skill	2(K)	1(A)	1 (A+U+H)	3	9 marks
5.1	Small, medium and large business	2(K)		1 (A+U+K)	3	7 marks
6.1	Trade and business	1(K)			3	1 mark
1.2	Training and occupation	2(K)	1(A)		3	4 marks
2.2	General and vocational training	1(K)	1(A)		3	3 marks
5.2	Basic Components of business	1(K)	1(K)		3	3 marks
6.2	Market development and business collaboration	1(K)			3	1 marks
<b>Total questions</b>		<b>16</b>	<b>7</b>	<b>2</b>		<b>40marks</b>

Note: K= Knowledge Based, U= Understanding Based, A= Application Based, H= Higher Ability Based

**Specification Grid (Second Unit)**

<b>S. No.</b>	<b>Chapters</b>	<b>No of questions each of 1 Mark</b>	<b>No of questions each of 2 Marks</b>	<b>Practical work (Handicrafts)</b>	<b>Estimated periods</b>	<b>Total marks</b>
15.1	Types of technology	1 (K)	1 (U)		4	3 marks
16.1	Electric components	1(K)			3	1marks
1.3	Classification of occupation based on sector	1(K)	1 (U+K)		3	3marks
2.3	Institutions involved in technical education and vocational training	1(K)	1(U)		3	3marks
Total questions		4	3	2X10=10		20 marks

Note: K= Knowledge Based, U= Understanding Based, A= Application Based, H= Higher Ability Based

**Specification Grid ( Second Term)**

<b>S. No.</b>	<b>Chapters</b>	<b>No of questions each of 1 Mark</b>	<b>No of questions each of 2 Marks</b>	<b>No of questions each of 5Marks</b>	<b>Estimated Periods</b>	<b>Total marks</b>
5.3	Local level Business	2 (K)	1(U)		4	4 marks
6.3	Modernization in business skills	2(K)	1(U)		3	4 marks
15.2	Traditional and modern technology	2(K)	1(U)		3	4 marks
16.4	Modern household equipments	2(K)	1(A)	1 (A+U+H)	3	9 marks
5.4	Selection ,Management and Operation business	2(K)		1 (A+U+K)	3	7 marks
15.1	Types of Technology	1(K)	2(A)		3	5 marks
16.1	Electric components	2(K)	1(A)		3	4 marks
1.3	Classification of occupation based on sector	1(K)	1(A)		3	3 marks
2.3	Institutions involved in technical education and vocational training	1(K)	2(K)		3	5 marks
Total questions		16	7	2		40marks

Note: K= Knowledge Based, U= Understanding Based, A= Application Based, H= Higher Ability Based

**Specification Grid (Third Unit)**

<b>S. No.</b>	<b>Chapters</b>	<b>No of questions each of 1 Mark</b>	<b>No of questions each of 2 Marks</b>	<b>Practical work (Handicrafts)</b>	<b>Estimated periods</b>	<b>Total marks</b>
6.4	Agriculture business and collaboration	1 (K)	1 (U)		4	3 marks
6.5	Pricing	1(K)	1(U)		3	3marks
15.2	Safeuse of household equipments	1(K)	1 (U+K)		3	3marks
4.1	Technology and its literacy	1(K)			3	1mark
Total questions		4	3	2X10=10		20 marks

Note: K= Knowledge Based, U= Understanding Based, A= Application Based, H= Higher Ability Based

**Specification Grid ( Third Term)**

<b>S. No.</b>	<b>Chapters</b>	<b>No of questions each of 1 Mark</b>	<b>No of questions each of 2 Marks</b>	<b>No of questions each of 5Marks</b>	<b>Estimated Periods</b>	<b>Total marks</b>
6.4	Agriculture business and collaboration	2 (K)	1(U)		4	4 marks
6.5	Pricing	2(K)	1(U)		3	4 marks
15.3	Safeuse of household equipments	2(K)	1(U)		3	4 marks
16.3	Technology and its literacy	2(K)	1(A)	1 (A+U+H)	3	9 marks
5.1	Small, medium and large business	2(K)		1 (A+U+K)	3	7 marks
6.1	Trade and business	1(K)		1(A+U+K)	3	6 marks
15.4	Principles of traditional technologies	2(K)	1(A)		3	4 marks
16.4	Transmission Process of radio, FM and television		1(A)		3	2 marks
16.5	Computer as a tool of communication	1(K)	1(K)		3	3 marks
16.6	Alternative energy sources	1(K)			3	1 marks
<b>Total questions</b>		<b>13</b>	<b>7</b>	<b>3</b>		<b>40marks</b>

Note: K= Knowledge Based, U= Understanding Based, A= Application Based, H= Higher Ability Based

**Model Questions based on first UT**

Full Marks: 20

Pass Marks: 10

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Attempt all the questions:

**GROUP – A**

- A) Match the following:- (4 x 1 = 4)
- |             |                  |
|-------------|------------------|
| Seismic     | reestablishments |
| Investment  | movements        |
| Restoration | drastic          |
| Impetus     | finance          |

**GROUP – B** (2 x 3 = 6)

- B) Short answer questions
- i) Write about vocational education.
  - ii) Write on any one medium of employment information you know.
  - iii) Define small business with examples.

(10 Marks are allocated for practical marks)

BEST OF LUCK

## Model Questions

Full Marks: 80

Pass Marks: 40

1. Choose the best answer of the following questions :- (1×6=6)
  - a) What is civilization?
    - i. the process by which a society or place reaches an advanced stage
    - ii. The process by which workers and employees interact with each other
    - iii. Contrary
    - iv. Drastic
  - b) What do you mean by attributes?
    - i. progressive
    - ii. accustom
    - iii. Distinguished character
    - iv. convey
  - c) What is the meaning of uplift?
    - i. to communicate
    - ii. boost
    - iii. to invest
    - iv. to advertise
  - d) What do you understand by entrepreneurship?
    - i. reasonable
    - ii. The capacity to develop, organize and manage a business
    - iii. movements
    - iv. automobile
  - e) What is impart?
    - i. acquainted
    - ii. acustom
    - iii. convey
    - iv. reasonable
  - f) What do you mean by manufacturer?
    - i. Producer
    - ii. arrangement
    - iii. beverage
    - iv. automobile
2. Match the following words to their suitable meanings:- (1×5=5)

i. Entrepreneurship	the requirements needed to live a life
ii. Creativity	ability to commence a business
iii. Livelihood	ability of giving ideal newness
iv. Modernize	ability or efficiency to carry on work or jobs
v. Skills	not old and ancient but of present time
3. Choose suitable words from the box and complete the sentences given below:- (1×5=5)(Documents, books, agriculture, medium, tourism)
  - i. A publication is a production –related occupation because it provides \_\_\_\_\_
  - ii. A solicitor's occupation is to provide necessary \_\_\_\_\_ to its clients.
  - iii. Animal husbandry is an occupation of \_\_\_\_\_ sector.
  - iv. Running a hotel is an occupation related to \_\_\_\_\_ sector.
  - v. The occupation of an overseer falls in the \_\_\_\_\_ level.
2. Give short answers to the following questions:- (2×7=14)
  - a) On the basis of end result, occupation is classified as the major two types. Write about product oriented
  - b) Enlist any two importance of training.
  - c) Introduce regional employment with any two examples.
  - d) Write any two sources of employment information in brief.
  - e) What do you mean by goal and capital?
  - f) Write in brief on the relationship between trade and business .
  - h) Why is it not possible to have stable market always?

3. Give long answers to the following questions:- **(5×2=10)**
- a) Write short notes on systematic thinking skill. Enlist any four characteristics of a good leader.
  - b) Define the term business. Also explain small business and medium business with example

**Model question based on first terminal**

Full Marks: 80

Pass Marks: 40

---

1. Choose the best answer of the following questions :- (1×6=6)

g) What is civilization?

- i. the process by which a society or place reaches an advanced stage    ii. The process by which workers and employees interact with each other    iii. Contrary    iv. Drastic

h) What do you mean by attributes?

- i. progressive    ii. accustomed    iii. Distinguished character    iv. convey

i) What is the meaning of uplift?

- i. to communicate    ii. boost    iii. to invest    iv. to advertise

j) What do you understand by entrepreneurship?

- i. reasonable    ii. The capacity to develop, organize and manage a business    iii. movements    iv. automobile

k) What is impart?

- i. acquainted    ii. accustomed    iii. convey    iv. reasonable

l) What do you mean by manufacturer?

- i. Producer    ii. arrangement    iii. beverage    iv. automobile

2. Match the following words to their suitable meanings:- (1×5=5)

- |                     |  |
|---------------------|--|
| i. Entrepreneurship | the requirements needed to live a life         |
| ii. Creativity      | ability to commence a business                 |
| iii. Livelihood     | ability of giving ideal newness                |
| iv. Modernize       | ability or efficiency to carry on work or jobs |
| v. Skills           | not old and ancient but of present time        |

3. Choose suitable words from the box and complete the sentences given below:-

**(1×5=5)**(Documents, books, agriculture, medium, tourism)

- i. A publication is a production –related occupation because it provides \_\_\_\_\_  
ii. A solicitor's occupation is to provide necessary \_\_\_\_\_ to its clients.  
iii. Animal husbandry is an occupation of \_\_\_\_\_ sector.  
iv. Running a hotel is an occupation related to \_\_\_\_\_ sector.  
v. The occupation of an overseer falls in the \_\_\_\_\_ level.

2. Give short answers to the following questions:- (2×7=14)

- g) On the basis of end result, occupation is classified as the major two types. Write about product oriented
- h) Enlist any two importance of training.
- i) Introduce regional employment with any two examples.
- j) Write any two sources of employment information in brief.
- k) What do you mean by goal and capital?
- l) Write in brief on the relationship between trade and business .
- h) Why is it not possible to have stable market always?

3. Give long answers to the following questions:- (5×2=10)

- a) Write short notes on systematic thinking skill. Enlist any four characteristics of a good leader.
- b) Define the term business. Also explain small business and medium business with examples

40 marks is allocated for practical work

"Good Luck"

**COMPUTER**

**CONTRIBUTOR**

**SUMESH LAMA**

## Syllabus

S.N	Teaching Content (Unit Wise)	Learning Objectives
1	Introduction to Computer Architecture	Upon completing this chapter, student will be able to: 1. Identify about computer architecture. 2. About Hardware and Software layers. 3. About the basic elements of computer system. 4. About system bus and its structure.
2	Introduction to Digital Logic	Upon completing this chapter, student will be able to: 1. Understand about digital logic and its importance 2. become familiar with Boolean algebra and its importance with digital logic 3. Define logic gate and state basic gates with diagram.
3	Computer Classification Types of computer	Upon completing this chapter, student will be able to: 1. state five categories of computer 2. define and describe about the features of super, mainframe, mini and microcomputer. 3. Different types of microcomputer
4	Number System	Upon completing this chapter, student will be able to: 1. Recognize different types of number systems as they relate to computers. 2. conversion binary to decimal and vice versa. 3. Binary addition, subtraction, multiplication and division.
5	Internet and E-mail	Upon completing this chapter, student will be able to: 1. define Internet 2. uses of internet 3. things required to use internet 4. about email 5. advantages and disadvantages of email and internet
6	Algorithm and Flowchart	Upon completing this chapter, student will be able to: 1. define algorithm and flowchart 2. using algorithm and flowchart in solving problems 3. using different steps and shapes to make flow chart 4. advantages and disadvantages of flowchart
7	Introduction to QBASIC programming	Upon completing this chapter, student will be able to: 1. Define QBASIC, elements of QBASIC programming 2. CLS statement, REM statement, let statement, IF then statement.
8	Microsoft windows	Upon completing this chapter, student will be able to: 1. Define ICT, computer ethics and 10 commandments of computer ethics.
9	Database Management System (Microsoft Access)	Upon completing this chapter, student will be able to: 1. define database and (DBMS)database management system. 2. How to manage a database and create a new one.

**Specification Grid**

<b>Term</b>	<b>Chapters</b>	<b>Types of Question and Marks for theory subject</b>		<b>Theory Marks</b>	<b>Practical Marks</b>	<b>Total Marks</b>
For 1 <sup>st</sup> Unit Test	Computer Architecture	<u>Objectives Question</u> Multiple choices	8	10	10	20
	2. PowerPoint Presentation	<u>Subjective Questions</u> Question answer	2			
For 1 <sup>st</sup> Term	1. Computer Architecture	<u>Objective</u> Matching Multiple choices True and False Technical terms Full forms/number system	32	50	30	80
	2 Number System					
	3. PowerPoint Presentation	<u>Subjective</u> Question answers	18			
For 2 <sup>nd</sup> Unit Test	1. Computer Classification: Types of Computer	<u>Objectives Question</u> Multiple choices	8	10	10	20
	2. Adobe Photoshop	<u>Subjective Questions</u> Question answer	2			
For 2 <sup>nd</sup> Term	1. Adobe Photoshop	<u>Objective</u> Matching Multiple choices True and False Technical terms Full forms/number system	32	50	30	80
	2. Internet and E-mail					
	3. Microsoft windows	<u>Subjective</u> Question answers	18			

### Unit Test Model Question

FULL MARKS : 20

PASS MARKS : 10

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- 1) Write the following answer:- 2  
a) What is System Bus?  
b) Who is known as the father of modern computer?
- 2) Write the full forms of the following: 2  
a) ROM b) LAN
- 3) Write true or false for the following statements:- 3  
a) ABACUS is the first manual calculator.  
b) Hardware helps to run software.  
c) There are \_\_\_ types of system bus.
- 4) Fill in the blanks:- 3  
a) \_\_\_\_\_ is a collection of program.  
b) Binary number system consists \_\_\_ and \_\_\_\_..  
c) Charles Babbage invented analytical engine and \_\_\_\_\_

Note: 10 marks from practical exam.

## Term Model Question

FULL MARKS : 80

PASS MARKS : 32

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1. Select the best answer from the list of choices:-

7\*2=14

- a. Pendrive is a type of..
- |                      |                       |
|----------------------|-----------------------|
| i. Output devices    | ii. Input devices     |
| iii. Storage devices | iv. None of the above |
- b. Abacus was invented by.
- |             |               |
|-------------|---------------|
| i. Lady ada | ii. ough tred |
| iii. napier | iv. chinese   |
- c. System bus is of \_\_\_ types
- |        |       |
|--------|-------|
| i. 3   | ii. 6 |
| iii. 4 | iv. 8 |
- d. Collection of 8 bits is known as
- |           |                      |
|-----------|----------------------|
| i. nibble | ii. byte             |
| iii. word | iv. Non of the above |
- e. The base of hexa decimal number system is
- |        |        |
|--------|--------|
| i. 10  | ii. 8  |
| iii. 2 | iv. 16 |
- f. The first manual calculating device is.
- |                |                |
|----------------|----------------|
| i. napier bone | ii. slide rule |
| iii. abacus    | iv. ABC        |
- g. When 1 and 1 is added in binary number system the value will be
- |         |                       |
|---------|-----------------------|
| i. 0    | ii. 11                |
| iii. 10 | iv. None of the above |

2. State true or false for the following statement:-

5

- a) Hardware stores information in it.
- b) Binary number system base is 10.
- c) Printer is a type of secondary memory.
- d) ABC is the first electronic computer.
- e) Microphone produces sound from it.

3. Give the full forms:- 3  
DRAM, CPU , PROM
4. Answer the following questions. 5\*2=10  
a) What are the characteristics of computer.  
b) What are the types of system bus?  
c) List out the different types of computer memory?  
d) Define hexadecimal system.  
e) What is the use of PowerPoint. Explain.
5. Perform the binary calculation:- 10  
i)  $11111110 + 1110000$  ii)  $10011000 - 11001$   
iii)  $111001 \times 10$  iv)  $1101010 + 1100$   
v)  $1001010 - 101010$
6. Convert it: 8  
i)  $(10001)_2 = (?)_{10}$  ii)  $(58)_{10} = (?)_2$   
iii)  $(101100)_2 = (?)_{10}$  iv)  $(40)_{10} = (?)_2$

Note: 30 marks will be given from practical