Grade 11 Syllabus and Blueprint for Final Term (2019-20)

English

SYLLABUS

Comprehension Passages

Note Making

Notice

Invitations (including replies)

Advertisements and Posters

Letter to the Editor

Letter of Application

Factual Description

Article/ Speech/ Debate

Report Writing

Business Letters (Placing an Order, Letter of Complaint, Letter of Inquiry, replies to

all of these)

Integrated Grammar

Article

The Portrait of A Lady

The Summer of the Beautiful White Horse

We're Not Afraid to Die....

A Photograph

Discovering Tut

The Address

Laburnum Top

Landscape of The Soul

Childhood

The Ailing Planet

Einstein At School

Adventure

Father to Son

Silk Road

Mother's Day

Ghat of the Only World

The Browning Version

Birth

The Voice of the Rain

Ranga's Marriage

Tale of Melon City

Assessment of Speaking and Listening Skills

BLUEPRINT ENGLISH CORE (CODE NO. 301) CLASS – XI (2019-20) SECTION – A (20 Marks)

READING COMPREHENSION

There shall be two unseen passages (including poems) with a variety of questions like Objective Type Questions, Short Answer Questions and Multiple Choice Questions, including 04 marks for vocabulary such as word formation and inferring meaning.

Multiple Choice Questions (1x6=6marks) Objective Type Questions (1x6=6marks) 01 Short Answer Question (3x1=3marks) 01 Long Answer Question (5x1=5marks)

The range of the two passages including a poem or stanza, should be 900-1000 words as per the following details:

- 1. The passage of 550-600 words in length will be used for note-making and summarizing.
- 2. The passage of 350-400 words in length will be used to test comprehension, interpretation and inference.

OR

3. An unseen poem of 28-35 lines to test comprehension, interpretation and inference.

The passages as given above could be of any one of the following types:

Factual passages, e.g., illustrations, description, reports / Discursive passages involving opinion, e.g., argumentative, persuasive/Literary passages e.g. extracts from fiction, biography, autobiography, travelogue, etc. In the case of a poem, the text may be shorter than the prescribed word limit.

SECTION B (30 Marks) WRITING SKILLS AND GRAMMAR

WRITING Skills

1. One Short Answer Question: Based on notice/ Advertisements/ Posters/ Invitations and Replies - 4 Marks

2. Two Long Answer Questions: Letters based on verbal/visual input. - (6x2=12 Marks)

Letter types may include:

- (a) business or official letters (for making enquiries, registering complaints, asking for and giving information, placing orders and sending replies)
- (b) letters to the editor (giving suggestions/opinions on an issue)
- (c) letter of Application
- 3. Very Long Answer Question: Composition in the form of article/speech/ debate/report writing 8 Marks

GRAMMAR - 6 Marks

(Objective Type Questions)

Different grammatical structures in meaningful contexts will be tested. Item types will include gap filling, sentence re- ordering, dialogue completion and sentence transformation. The grammar syllabus will include determiners, tenses, clauses, modals and Change of Voice. These grammar areas will be tested through objective type questions on the following: A. Error Correction, editing tasks

- B. Re ordering of sentences,
- C. Transformation of sentences

SECTION C (30 Marks)

LITERATURE

Questions from the prescribed texts to test comprehension at different levels, like literal, inferential and evaluative will be asked.

- 1. Two Objective Type Questions- Based on an extract from poetry to test reference to context comprehension and appreciation. (1x2=2 Marks)
- 2. Five Short Answer Questions based on prose, poetry and plays from both the texts. (2x5=10 marks)
- 3. One Long Answer Question from Hornbill (to be answered in 120-150 words) Based on prescribed texts to test global comprehension and extrapolation beyond the texts. (6 Marks)
- 4. One Long Answer Questions from Snapshots (to be answered in 120-150 words) -Based on theme, plot, incidents or events to test global comprehension and extrapolation beyond the texts. (6 Marks)
- 5. One Long Answer Question from Hornbill (to be answered in 120-150 words)-Based on understanding appreciation, analysis and interpretation of the characters/events/episodes/incidents. (6marks)

Question Paper Design 2019-20

English CORE XI (Code No.301)

Marks -80+20=100

Typology	Testing Competenci es	Objective Type Question including MCQs (1 mark each)	Short Answer Question (2 marks) each	Short Answer Question (3 marks) each	Short Answer Question (4 marks) each	Long Answ er Quest ion1 80- 100 words (5 marks) each	Long Ans wer Ques tion2 120- 150 word s (6 mark s) each	Very Long Answe r Questi on 150- 200 words (HOTS)) (8 marks each)	Total marks
Reading Comprehe nsion	Conceptual understandin g, decoding, Analyzing, inferring, interpreting, appreciating, literary, conventions and vocabulary, summarizing and using appropriate format/s	Objective Type Questions 6 MCQs 6	-	1	-	1	, -	-	20
Writing Skill and Grammar	Reasoning, appropriacy of style and tone, using and tone, using appropriate format and fluency, inference, analysis, evaluation and creativity	6	_	-	1	-	2	1	30

Literature Textbook and Suppleme ntary Reading Text	Recalling, reasoning, appreciating literary convention, inference, analysis, creativity with fluency	2 From poetry extract	5	-	-	ï	3	-	30
	TOTAL	1x20=20	2x5=10	3x1=3	4x1=4	5x1=5	6x5= 30	8x1=8	80
Assessme nt of Listening and Speaking Skills	-	-	-	-	-	-	-	-	20
	GRAND TOTAL	*			-	-	-		100

Physics

Design of Question paper

Weightage of different units

S. No.	Unit	Marks
1.	Units and Measurements	22
2.	Kinematics	
3.	Laws of Motion	
4.	Work Energy and Power	19
5.	Rotational Motion	_
6.	Gravitation	_
7•	Properties of Bulk Matter and Thermal Properties	12
8.	Kinetic Theory of gases	7
9.	Thermodynamics	
10	Oscillations and Waves	10
	Total	70

Weightage to form of questions

S. No.	Type of question	Marks per Total number of Questions		Total marks
1	VSA	1	20	20
2	SAI	2	7	14
3	SA II	3	7	21
4	LA	5	3	15
	Total		3 7	70

Chemistry

<u>Unit</u>	<u>Chapter's name</u>	Marks weightage
<u>1</u>	Some basic concepts of Chemistry	<u>5</u>
<u>2</u>	Structure of atom	<u>6</u>
<u>3</u>	Classification of elements and periodicity in properties	4
<u>4</u>	Chemical Bonding	6
<u>5</u>	States of matter	4
<u>6</u>	<u>Thermodynamics</u>	Z
7	<u>Equilibrium</u>	<u>8</u>
<u>8</u>	Redox reactions	4_
<u>10</u>	s- Block elements	<u>3</u>
<u>11</u>	Some p-Block elements	<u>4</u>
<u>12</u>	Organic Chemistry- some basic principles	9
<u>13</u>	<u>Hydrocarbons</u>	<u>10</u>
	Total-	<u>70</u>

Mathematics

S. No.	CHAPTER	MARKS
1.	Relations and functions	5
2.	Trigonometric functions	8
3.	Linear Programming	6
4.	Permutations and Combinations	4
5	Binomial theorem	6
6	Sequences and series	8
7	Straight lines	9
8	Conic sections	8
9	Introduction to three dimensional geometry	4
10	Limits and derivatives	14
11	Probability	8
	Total	80

Design of Question Paper

Type of Questions	Marks per question	Total no of Questions	Total Marks
Very Short Answer/MCQ	1	20	20
Short Answer	2	6	12
Long Answer -I	4	6	24
Long Answer-II	6	4	24
Total		36	80

Economics

Theory: 80 Marks Project: 20 Marks

	Section A Introductory Micro Economics					
S.No.	Unit	Marks				
1	Introduction	4				
2	Consumer's Equilibrium and Demand	13				
4	Producer Behaviour and Supply	13				
5	Forms of Market and Price Determination under perfect competition with simple applications	10				
	Section B Statistics for Economics					
1	Introduction	13				
2	Collection, Organisation and Presentation of Data					
3	Statistical Tools and Interpretation	27				
Project						
Total						

Python

Ques No.	Chapter Name	Marks allotted
Q1.	Getting started with Python	
	Python Programming Fundamentals	9
Q2.	Conditional and Looping Constructs	14
Q3.	Strings	7
	Lists	
Q4.	Tuples and Dictionaries	5
	Exception Handling	
Q5.	Computer System Organization	10
	Data Representation and Boolean Logic	
Q6.	Database Concepts	15
	Structured Query Language(SQL)	
Q7.	Cyber safety	10

Biology

SYLLABUS

Unit I: Diversity In the Living World

Chapter 2: Biological classification.

Chapter 3:Plant Kingdom

Chapter 4: Animal Kingdom

Unit II: Structural Organization in Plants and Animals

Chapter 5: Morphology of flowering plants.

Chapter 6: Anatomy of flowering Plants.

Chapter 7: Structural organization in Animals

Unit III: Cell: Structure and Functions

Chapter 8: Cell- The unit of life.

Chapter 9: Bio molecules

Chapter 10: Cell cycle and Cell division

Unit IV: Plant Physiology

Chapter 11: Transport in plants.

Chapter 12: Mineral Nutrition

Chapter 13: Photosynthesis in Higher Plants.

Chapter 14: Respiration in Plants.

Chapter 15: Plant Growth and Development.

Unit V: Human Physiology

Chapter 16: Digestion and Absorption.

Chapter 17: Breathing and exchange of gases.

Chapter 18: Body fluids and Circulation.

Chapter 19: Excretory products and their elimination.

Chapter 20: Locomotion and Movement

Chapter 21: Neural control & coordination

Chapter 22: Chemical coordination and Integration

Blue print of Question Paper

Class XI Biology Annual Examination

Name of the Unit and Chapter	1 mark questions	2 mark questions	3 mark questions	5 mark questions	Total
Unit I: Diversity In the Living World	1	2	1		4(8)
Unit II: Structural Organization in Plants and Animals	1	2	1		4(8)
Unit III: Cell: Structure and Functions			2	1	3(11)
Unit IV: Plant Physiology	2	1	4	1	8(21)
Unit V: Human Physiology	1	2	4	1	8(22)
Total	5(5)	7(14)	12(36)	3(15)	27(70)

Psychology

	Annual Examinations 2019-20: Grade XI				
Ch.No.	Topic				
2	Methods of Enquiry in Psychology	8			
4	Human Development	8			
5	Attentional and Perceptual Processes (pg 93 to 105)	9			
6	Learning	11			
7	Human Memory	17			
8 & 9	Creative Thinking (pg 157 to 162) & Motivation and Emotion	17			
	Total Marks				

WEIGHTAGE: TYPE OF QUESTIONS

S.NO.	Types of questions	Marks for each question	No. of questions	Total marks	Percentage (%)
01	Learning Checks	1	17	17	24
02	Very Short Answer Type Questions	2	4	8	11
03	Short Answer Type Questions - I	3	3	9	13
04	Short Answer Type Questions - II	4	6	24	35
05	Long Answer Type questions	6	2	12	17
	Total		32	70	100

Biotechnology

Unit I: BIOTECHNOLOGY: AN OVERVIEW

Chapter 1: Biotechnology an overview

Unit II: MOLECULES OF LIFE

Chapter I : Biomolecules: Building Blocks

Page No. 15-20 and 22-23

Chapter II: Macromolecules: Structure and Function Page No. 34-40 (excluding Lipids) and Page No. 41-44

Unit III: Genetics and Molecular Biology

Chapter II: Genes and Genomes: Structure and Function

Unit IV: Cells and Organisms

Chapter I:The Basic Unit of Life: Stem cells Page 107-108 and Class 12 Notes

Chapter II: Cell Growth and Development

(Cell Cycle and Cell Communication) Page No. 114-117

Genetic Recombination Page 124

Immune System, Programmed Cell Death and Defense Mechanism in Plants:

Page132-135

TECHNIQUES: FROM HANDOUTS AND CLASS NOTES

Blue print of Question Paper Class XI Biotechnology Annual Examination

Name of the Unit and Chapter	1 mark questions	2 mark questions	3 mark questions	5 mark questions	Total
Unit I: Chapter 1: Biotechnology: An Overview	1	2			3
Unit II: Molecules of Life Chapter 1: and 2	3	2		1	6
Unit III: Genetics and Molecular Biology Chapter 2	5	2	3	1	11
Unit IV: Cells and Organisms Chapter 1: and 2	5		3		8
Techniques From Notes	1	2	3	2	8
Total	14	8	9	4	35(70)

Accountancy

Units		Marks
Part A	Financial Accounting - I	
1.	Theoretical Framework	10
2.	Accounting Process	44
	Total	
Part B	Financial Accounting - II	
3.	Financial Statements of Sole Proprietorship	16
4.	Balance Sheet of a company	10
	Grand Total Marks	80

Business studies

S.No.	Chapters	Marks
1.	Public, Private and Global Enterprises	14
	Business Services	
2.	Emerging Modes of Business	10
	Social responsibility of Business and Business Ethics	
3.	Sources of Finance	20
	Small Business	
4.	Internal Trade	20
	International Trade	
5.	Marketing management	16
	TOTAL	80

Legal Studies

Blueprint/syllabus for Annual Examination

<u>TOPICS</u>	UNIT	Marks allocated in Examination
Theory and nature of Political Institutions 1- Concept of State and Nation 2-Organs of Govt. 3- Separation of Powers 4- Basic Features of the Constitution of India	UNIT 1	16
Nature and sources of Law 1- Nature and Meaning of Law 2- Classification of Law 3- Sources of Law 4- Law Reform	UNIT 2	19
Judiciary: Constitutional, Civil and Criminal Courts and Processes	UNIT 4	21
Family Justice System	UNIT 5	18
Introduction to Criminal Laws in India	UNIT 2(D) BOOK 2	6

Design of the 100 mark Question Paper for First term Examination Question Wise Division of Marks

S.No	Particulars		Question Paper Design			Total
1	Marks For Each Question	1 Mark	2 Mark	4 Mark	6 Mark	
2	Number Of Questions in The Paper	5x4=20	8	5	4	21 Questions
Total Marks allocated for Written Paper		20	16	20	24	80 Marks

Home Science

	Topics	Weightage (Marks)
1.	Unit 2: Understanding family, community and society	24
2.	Unit 3: Childhood	26
3.	Unit 4: Adulthood	20
	Total Marks	70

WEIGHTAGE : TYPE OF QUESTIONS

S.NO.	Types of questions	Marks for each question	No. of questions	Total marks
	Very Short Answers	1	18	18
02	Short Answer Type Questions - I	2	5	10
03	Short Answer Type Questions - II	3	2	6
04	Long Answer Type questions I	4	4	16
05	Long Answer Type questions II	5	4	20
	Total		33	70

Sociology

	<u>TOPICS</u>	Marks allocated in First Term Examination
1.	Sociology and Society	22
2.	Terms, Concepts, and Their Use in Society	22
3.	Understanding Social Institutions	
4.	Culture and Socialisation	
5.	Doing Sociology: Research Methods	
6.	Social Structure, Stratification and Social Processes in Society	58
7.	Social Change and Social Order in Rural and Urban Society	
8.	Environment and Society	
9.	Introducing Western Sociologists	
10.	Indian Sociologists	

Particulars	Q	Question Paper Design				
Marks For Each Question	1Mark	2Mar k	4Mar k	6Mark		
Number Of Questions in Theory Paper	20	9	6	3	38	
Total Marks allocate for Written Paper	20	18	24	18	80	

Commercial Arts

THEORY - 30 Marks Unit 3- Bengal School Unit 4- Contemporary Indian Art

PRACTICAL - 70 Marks
Portfolio - 20 Marks
Typography Design - 25 Marks
Illustration - 25 Marks

Fashion studies

	Part A: Employability Skills				
S.No.	Unit	Marks			
1	Communication Skills				
2	Self-management Skills	10			
3	Entrepreneurship Skills				
	Part B Subject Skills	_			
1	Overview of Fashion	18			
2.	Introduction to Fabric, Dyeing & Printing	23			
3	Design Fundamentals	19			
4.	Elements of Garmenting(Page 110-111)	4			
5.	History of Fashion `(Till Page 11)	19			
	Practical	30			
Total					

History

Syllabus

Themes in World History

Theme 6: The Three Orders
Theme 7: Changing Cultural Traditions
Theme 8: Confrontation of Cultures
Theme 9: The Industrial Revolution

Theme 10: Displacing Indigenous Peoples
Theme 11: Paths to Modernisation

Themes In Indian History

Theme 1: Bricks, Beads and Bones Theme 2: Kings, Farmers and Towns

Blueprint

HISTORY (CODE No. 027) QUESTION PAPER DESIGN CLASS XI (2019-20)

	Time: 3 Hours	Max. Marks: 80						
S. No.	Typology of Questions	Objective questions type (1 Marks)	Short Answer (SA) (3 Marks)	Source Based (5 Marks)	Long Answer (LA) (8 Marks)	Map Work (6Marks)	Marks	% Weightage
ľ	Remembering- (Knowledge based simple recall questions, to know specific facts, terms, concepts, principles, or theories; Identify, define, or list/ state the information)	9	1		1		20	25%
2	Understanding- (Comprehension –to be familiar with meaning and to understand conceptually, interpret, compare, discuss, contrast, explain, clarify, paraphrase information)	4	1	1	1		20	25%
3	Application- (Use abstract information in concrete situation, to apply knowledge to new situations; Use given content to interpret a situation, provide an example, or solve a problem)	3	1	1	1	355	19	23%
4	High Order Thinking Skills- (Analysis & Synthesis- Classify, Apply, solve, compare, contrast, or differentiate between different pieces of information; Organize and/or integrate unique pieces of information from a variety of sources)	2		1		1(4)	7	9%
5	Evaluation- (Appraise, Argue, judge, support, critique, and/or justify the value or worth of a decision or outcome, or to predict outcomes)	2		51	1	1276	10	13%
6.	Map skill based question- Identification, location, significance.					1*x2=2 Identifica tion 1x2=2 locating	4	5%
	Total	1x20=20	3x3=9	5x3= 15	8x4=32	1x4=4	80	100%

Note: *1 Map question of 4 marks having 4 items carrying 1 mark each.

Geography

TERM 2

FUNDAMENTALS OF PHYSICAL GEOGRAPHY

	UNIT-	II:	THE	EΑ	RTE
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Chapter 2 - Origin and Evolution of the Earth

Chapter 3 - Interior of the Earth

Chapter 4 - Distribution of Oceans and Continents

UNIT III:

Chapter 5 - Minerals and Rocks

Chapter 6 - Geomorphic Processes

Chapter 7 - Landforms and their Evolution

UNIT IV:

Chapter 8 - Composition and structure of Atmosphere

Chapter 9 - Solar Radiation, Heat Balance and Temperature

Chapter 11 - Water in the atmosphere

Chapter 13 - Water (Oceans)

Chapter 14 - Ocean Currents (Map Only)

UNIT VI:

Chapter 15 - Life on the Earth

Chapter 16 - Biodiversity and Conservation

INDIA: PHYSICAL ENVIRONMENT

Chapter 1 - India- Location

Chapter 3 - Drainage

Chapter 4 - Climate

Chapter 5 - Natural Vegetation and Wildlife

Chapter 6 - Soil

Chapter 7 - Natural Hazards and Disaster

GEOGRAPHY BLUE PRINT

Term 2

Type of Question(s)	Question(s) Mark(s) per Question Total no of Questions		Total Marks
VSA	1	18	18
SA	3	4	12
LA	5	6	30
Мар	1x5	2	10
TOTAL		30	70

Political Science

Sr#	Chapter # & Name	Weightage (Mks)
	BOOK : POLITICAL THEORY	
1.	L-2 Freedom	
2.	L-3 Equality	08
3.	L-4 Social Justice	
4.	L-6 Citizenship	
5.	L-7 Nationalism	
6.	L-8 Secularism	11
7.	L-9 Peace	
8.	L-10 Development	08
	BOOK: INDIAN CONSTITUTION AT WORK	
9.	L-1 Constitution: Why & How?	
10.	L-2 Rights In The Indian Constitution	20
11.	L-3 Election And Representation	
12.	L-4 Executive	
13.	L-5 Legislature	
14.	L-6 Judiciary	18
15.	L-7 Federalism	
16.	L-8 Local Governments	
17.	L-9 Constitution : A Living Document ONLY FROM H/O	
	BOOK : POLITICS IN INDIA SINCE INDEPENDENCE	15
18.	L-1 Challenges to Nation Building	
19.	UN (International Organizations) ONLY FROM H/O	
	Total	80

Note: Syllabus also includes additional notes given and SmartSkills questions relevant to the topics.

Syllabus does NOT include portions deleted.

DESIGN OF THE PAPER				
Type of Question(s)	Mark(s) per Qs	Total no of Qs	Total Marks	
VSA	1	20	20	
SA-I	2	03	06	
SA-II	4	04	16	
LA-I (Passage/Cartoon/Map)	5	04	20	
LA-II	6	03	18	
TOTAL		34	80	

Web Applications

SYLLABUS:

Employability Skills:

- 1. Self-Management Skills
- 2. Information and Technology Skills
- 3. Green Skills

Subject Skills:

- 1. Multimedia Authoring Animation Tools
- 2. Digital Content Creation Adding Styles to Web Pages (CSS)
- 3. Web Scripting JavaScript

DESIGN OF THE PAPER

Type of Question(s) Mark(s) per Question		Total no of Questions	Total Marks
VSA	1	14	14
SA-I	2	8	16
SA-II	3	5	15
LA-I	5	3	15
TOTAL		30	60

PE

S.No	Chapter Name	Marks
Unit I	Changing Trends & Career in Physical Education	10
Unit II	Olympic Value Education	20
Unit III	Physical Fitness, Wellness & Lifestyle	4
Unit IV	Physical Education & Sports for CWSN	1
Unit V	Yoga	15
Unit VI	Physical Activity & Leadership Training	10
Unit VII	Test, Measurement & Evaluation	4
Unit VIII	Fundamentals of Anatomy, Physiology & Kinesiology in Sports	4
Unit IX	Psychology & Sports	1
Unit X	Training and Doping in Sports	1
	Total	70

Hindi

पाठ्यक्र

"₹ ""		
अपठित बोध -	अपठित गद्यांश व पद्यांश	
कार्यालयी हिंदी और रचनात्मक लेखन -	निबंध, कार्यालयी पत्र, जनसंचार माध्यम और पत्रकारिता के विविध आयामों पर लघूतरात्मक प्रश्न, फीचर-लेखन, रिपोर्ट-लेखन।	
साहित्य (आरोह (काव्य)) -	कबीर, मीरा, वे आँखें, घर की याद, चंपा काले काले अच्छर नहीं चीन्हती, गजल, हे भूख! मत मचल, हे मेरे जूही के फूल जैसे ईश्वर, सबसे खतरनाक, आओ, मिलकर बचाएँ।	
साहित्य (आरोह (गद्य)) -	नमक का दारोगा, मियाँ नसीरुद्दीन, विदाई-संभाषण, गलता लोहा, स्पीति में बारिश, रजनी, जामुन का पेड़, भारत-माता।	
वितान -	भारतीय गायिकाओं में बेजोड़ : लता मंगेशकर, राजस्थान की रजत बूँदें, आलो-आँधारि।	

अंक-विभाजन

खंड़ 'क' अपठित बोध (16)

अपठित गद्यांश	10
अपठित पद्यांश	6

खंइ 'ख' कार्यालयी हिंदी और रचनात्मक लेखन (20)

कार्यालयी पत्र (विकल्प सहित)	5
जनसंचार माध्यम और पत्रकारिता के विविध आयामों पर लघूतरात्मक प्रश्न।	1x 4
व्यावहारिक लेखन (प्रतिवेदन, प्रेस, विज्ञप्ति, परिपत्र, कार्यसूची, कार्यवृत इत्यादि)	3
शब्दकोश परिचय से संबंधित एक प्रश्न (विकल्प सहित)	3

खंइ 'ग' साहित्य (44)

1. आरोह	
अ. (काव्य भाग)	16
काव्यांश पर अर्थग्रहण से संबंधित चार प्रश्न	2+2+2=6
एक काट्यांश के सौंदर्यबोध पर दो प्रश्न	3+3=6
कविता की विषयवस्तु पर आधारित तीन में से दो लघूतरात्मक प्रश्न	2+2=4
(ब) गद्य भाग	16
गद्यांश पर आधारित अर्थग्रहण से संबंधित तीन प्रश्न	2+2+2+1=7
पाठों की विषयवस्तु पर आधारित चार में से तीन बोधात्मक प्रश्न	3+3+3=9
2. वितान (पाठ्यपुस्तक)	12
पाठों की विषयवस्तु पर आधारित दो में से एक प्रश्न	4
विषयवस्तु पर आधारित तीन में से दो निबंधात्मक प्रश्न	4+4=8