

First Term Exam Syllabus / Blue print

CLASS 12

Academic Session- 2017-18

1. English:

READING

- Comprehension Passage
- Note Making

WRITING

- Articles, Speech, Debate
- Notice
- Advertisements and Posters
- Newspaper and Magazine Report
- Invitations and replies
- Formal Letters
- Letter of Application with Bio Data

LITERATURE

- My Mother at Sixty-Six
- Keeping Quiet
- The Tiger King
- The Last Lesson
- The Rattrap
- The Enemy
- Lost Spring
- Deep Water
- An Elementary School Classroom in a Slum
- A Thing of Beauty

NOVEL

The Invisible Man
Chapter 1-16

BLUE PRINT ENGLISH CORE (CODE NO. 301)

QUESTION PAPER DESIGN 2017-18 CLASS XII										
English CORE XII (Code No. 301)			Time-3 hours					Marks -100		
Typology	Typology of questions/ learning outcomes	MCQ 1 mark	Very Short Answer Question 1 mark	Short Answer Question 3 marks	Short Answer Question 4 marks	Long Answer-1 80 - 100 words 5 marks	Long Answer-2 120- 150 words 6 marks	Very Long Answer 150 - 200 words (HOTS) 10 marks	Total marks	Over all %
Reading Skills	Conceptual, understanding, decoding, Analysing, inferring, interpreting, appreciating ,literary conventions and vocabulary, summarising and using appropriate format/s	6	16	1	–	1	–	–	30	30
Writing Skills	Reasoning, appropriacy of style and tone, using appropriate format and fluency, inference, analysis, evaluation and creativity.	–	–	–	1	–	1	2	30	30
Literary Text books and long reading text/novel	Recalling, reasoning, appreciating literary conventions, inference, analysis, evaluation, creativity with fluency	–	4	4	–	–	4	–	40	40
TOTAL		6x1=6	20x1=20	5x3=15	1x4=4	1x5=5	5x6=30	2x10=20	100	100

2. Mathematics:

Syllabus:

1. Relations and Functions
2. Inverse Trigonometric Functions
3. Continuity and Differentiability
4. Application of Derivatives
5. Integrals(Excluding Ex 7.8 and 7.11)
6. Probability
7. Linear Programming

Topic	VSA	SA	LA-I	LA-II	Total
Relations and Functions	1(1)		4(1)		5
Inverse Trigonometric Functions	1(1)	2(2)	4(2)		13
Continuity and Differentiability	1(1)	2(2)	4(2)	6(2)	25
Application of Derivatives		2(1)	4(2)	6(1)	16
Integrals	1(1)	2(2)	4(2)	6(1)	19
Linear Programming				6(1)	6
Probability		2(1)	4(2)	6(1)	16
Total	4(4)	16(8)	44(11)	36(6)	100(29)

3. Physics:

SYLLABUS

Chapter name	Weightage(marks)
1. Electrostatics (Field and Flux)	10
2. Electrostatics (Potential and Capacitance)	10
3. Current Electricity	14
4. Magnetic effect of current	15
5. Magnetism	09
6. Electromagnetic Induction	12

TOTAL : 70 marks

Design of question paper

Type of Question(s)	Mark(s) per Question	Total no of Questions	Total Marks
VSA	1	5	5
SA-I	2	5	10

SA-II	3	12	36
VBQ	4	1	4
LA	5	3	15
TOTAL		26	70

4. Chemistry:

S.No.	Chapter's Name	Marks
1.	Solid State	10
2.	Solutions	9
3,	Chemical Kinetics	10
4.	Electrochemistry	10
5.	Surface Chemistry	8
6.	p-block elements	14
7.	Haloalkanes and haloarenes	9
	Total Marks	70

Design of the paper:

- Question numbers 1 to 5 are of 1 mark each.
- Question numbers 6 to 10 are of 2 marks each.
- Question numbers 11 to 22 are of 3 marks each.
- Question number 23 is Value based question and it carries 4 marks.
- Question numbers 24 to 26 are of 5 marks each.

5. Biology:

1. Unit VI:REPRODUCTION
2. Unit VIII: BIOLOGY IN HUMAN WELFARE
3. Unit X: ECOLOGY

Name of the Unit and Chapter	1 mark questions	2 mark questions	3 mark questions	4 mark questions	5 mark questions	Total
Unit VI REPRODUCTION	3	3	4		1	11
Unit VIII BIOLOGY IN HUMAN WELFARE			4	1	1	6
Unit X ECOLOGY	2	2	4		1	9
Total	5(1)	5(2)	12(3)	1(1)	3(5)	26(70)

6. BIOTECHNOLOGY

Unit V: PROTEIN AND GENE MANIPULATION

Chapter 5.1

Recombinant DNA Technology

Chapter 5.2

Protein Structure and Engineering

Chapter 5.3

Genomics and Bioinformatics

Name of the Unit and Chapter	1 mark	2 mark	3 mark	5 mark	Total
Unit V PROTEIN AND GENE MANIPULATION Chapter 5.1 Recombinant DNA Technology	2	3	3		(17)

Unit V PROTEIN AND GENE MANIPULATION Chapter 5.2 Protein Structure and Engineering	2	4	4	2	(32)
Unit V PROTEIN AND GENE MANIPULATION Chapter 5.3 Genomics and Bioinformatics	1	3	3	1	(21)
	5(1)	10(2)	10(3)	3(5)	3(70)

7. Economics:

Topic	Total marks
Introduction	6
Consumer's Equilibrium and Demand	19
Producer behavior and Supply	20
Forms of Market and Price determination	15
National Income and related aggregates	20
Project	20
Total	100

8.C++:

Chapter No	Chapters	Marks Allotted
1.	Revision of class XI C++ Basics Header files Flow of Control Random function Functions Structures Arrays	2 2 4 2 2 5 3
2.	Object Oriented Programming Concepts	2
3.	Function Overloading	2
4.	Classes and Objects	4
5.	Constructors and Destructors	5
6.	Inheritance: Extending Classes	6
7.	Data File Handling	7
8.	Pointers	7
9.	Arrays	9
10.	Linked Lists, Stacks and Queues	8

9. Psychology:

Unit	Topic	Weightage
1	Variations in Psychological Attributes	13
2	Self and Personality	13
3	Meeting Life Challenges	13
4	Psychological Disorders	19
5	Therapeutic Approaches	12

WEIGHTAGE TO TYPE OF QUESTIONS

S.NO.	Types of questions	Marks for each question	No. of questions	Total marks	Percentage (%)
01	LC	1	10	10	14
02	VSA	2	6	12	17
03	SAI	3	4	12	17
04	SAII	4	6	24	35
05	LA	6	2	12	17
	Total		28	70	100

LC = Learning Checks

VSA = Very Short Answer Type Questions

SA-1&II = Short Answer Type Questions

LA = Long Answer Type Questions

10. Fine Arts:

Maximum Marks - 40 , Time - 2 hours

Rajsthani Miniatures- 5 marks

Pahari Miniatures - 5marks

Mughal Miniatures - 5 marks

Deccan Miniatures- 5 marks

Bengal School - 10 marks

Contemporary Indian Art- 10 marks

11. Legal Studies:

TOPICS	UNIT	Marks allocated in Examination
Judiciary	UNIT 1	13
Topics of Law: 1. Law of Property 2. Law of Contract 3. Law of Torts 4. Introduction to Criminal Laws in India 5. Administrative Law	UNIT 2	33
Arbitration, Tribunal Adjudication and Alternate Dispute Resolution	UNIT 3	17
Human Rights in India	UNIT 4	27
International Context	UNIT 7	10

Design of the 100 mark Question Paper for First term Examination

Question Wise Division of Marks

S.No	Particulars	Question Paper Design					Total
		1 Mark	2Mark	4 Mark	5 Mark	6 Mark	
	Marks For Each Question	1 Mark	2Mark	4 Mark	5 Mark	6 Mark	
	Number Of Questions in The Paper	8	6	6	4	6	30 Questions
	Total Marks allocated for Written Paper	8	12	24	20	36	100 Marks

12. Home Science:

UNITS	Marks allocated in CBSE Annual Examination	Marks allocated in First Term Examination
1.Scope Of Home Science	5	3
2. Human Development: Life Span Approach	30	9
3.Nurition for self and family		29
4. Money Management	20	29

Design of the 70 mark Question Paper for First term Examination

Question Wise Division of Marks

S. No	Particulars	Question Paper Design					Total
		1 Mark	2Mark	3 Mark	4 Mar k	5 Mar k	
1	Marks For Each Question						
2	Number Of Questions in Theory Paper	6	7	2	6	4	25 Questi ons
Total Marks allocate for Written Paper		6	14	6	24	20	70 Marks

13. Fashion Studies:

UNITS	Marks allocated in CBSE Annual Examination	Marks allocated in First Term Examination
1. History of fashion	15	26
1. Basic Pattern Development	20	25
1. Elements of Fashion	15	19

Design of the 70 mark Question Paper for First term Examination

Question Wise Division of Marks

S. No	Particulars	Total				
		1 Mark	2Mark	3 Mark	5 Mark	
1	Marks For Each Question	1 Mark	2Mark	3 Mark	5 Mark	
2	Number Of Questions in Theory Paper	7	8	9	4	28 Questions
Total Marks allocate for Written Paper		7	16	27	20	70 Marks

14.Accounts:

Unit/Marks	
Analysis of financial statements	18 Marks
Cash Flow Statement	12 Marks
Partnership till admission	40 Marks
	80 marks

15. Business Studies:

Unit/Marks	
Nature and significance of management	10 Marks
Principles of management	11 Marks
Business environment	5 Marks
Planning	13 Marks
Financial management	12 Marks
Financial market	8 Marks
Marketing	17 marks
Consumer protection	4 marks
	80 marks

16. Entrepreneurship:

Unit/Marks	Marks
Unit 1- Entrepreneurial Opportunity	20 marks
Unit 2- Enterprise Planning	25 marks
Unit 5- Business Arithmetic	10 marks
Unit 6- Resource Mobilisation	15 marks
Total	70 marks

17. History:

Exam Syllabus

- a. Book 1: Themes 1-4
- b. Book 2: Themes 5-8

QUESTION PAPER DESIGN (2017-18)									
HISTORY			Code No. 027				Class- XII		
Time: 3 Hours			Max. Marks: 80						
S. No	Typology of Questions	Learning outcomes and Testing Competencies	V. Short Answer - (2 Marks)	Short Answer - (4 Marks)	Source Based (7 Marks)	Long Answer (8 Marks)	Map Skill (5 Marks)	Marks	% Weightage
1	Remembering- (Knowledge based simple recall questions, to know specific facts, terms, concepts, principles, or theories; Identify, define, or recite, information)	<ul style="list-style-type: none"> ● Reasoning ● Analytical Skills ● Map identification skills, etc. 	1	1	-	1	-	14	18%
2	Understanding- (Comprehension -to be familiar with meaning and to understand conceptually, interpret, compare, contrast, explain, paraphrase information)		1	1	1	1	-	21	26%
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) (Map skill based questions- Identification, location, significance.)		-	1 (value based) +1	1	-	1	20	25%
4	High Order Thinking Skills- (Analysis & Synthesis- Classify, compare, contrast, or differentiate between different pieces of information; Organize and/or integrate unique pieces of information from a variety of sources)		1	1	1	1	-	21	26%
5	Evaluation- (Appraise, judge, and/or justify the value or worth of a decision or outcome, or to predict outcomes based on values)		-	1	-	-	-	4	5%
			One from each book	Two from each book	Each theme on question	Each theme one question			
Total			3x2=6	6x4=24	3x7= 21	3x8=24	1x5 =5	80	100%

18. Political Science:

There are 27 questions, 100 marks in total to be done in 3 hours

Type of Questions	No. of Questions	Marks Allotted	Total marks
Very Short Answer – 1marks 20 words approx. objective and fill in the blanks	5	1	5
Very Short Answer – 2 40 words approx Very short answers	5	2	10
Short Answer -4 100 words approx	6	4	24
Map and cartoon also tested here, interpretation skill will also be marked. Knowledge based questions asked	2	5	10
Long Answers (I) based on passages/quotes and boxes	3	5	15
Essay Type 150 words approx Long questions, Para interpretation and critically analyze issues will be marked on.	6	6	36
Total	27		100

Weightage of the paper:

Remembering simple recall, define, reasoning analytical skills and critical thinking: 30% approx

Understanding comprehension of concepts: 25% approx

Application based interpreting skills and situational questions: 25%approx

High Order thinking questions:10%

Evaluation and multidisciplinary, value based, predict outcomes based on values 10%.

Syllabus -for Term 1

POLITICS IN INDIA SINCE INDEPENDENCE BOOK 1/ BPPK CONTEMPORARY WORLD POLITICS
1. CHALLENGES TO NATION BUILDING 2. ERA OF ONE PARTY DOMINANCE 3. POLITICS OF PLANNED DEVELOPMENT
4. INDIA'S EXTERNAL RELATIONS
5. CHALLENGES TO AND RESTORATION OF THE CONGRESS SYSTEM 6. CRISIS OF THE DEMOCRATIC(CONSTITUTIONAL)ORDER
7. REGIONAL ASPIRATIONS 8. RISE OF POPULAR MOVEMENTS 9. RECENT DEVELOPMENT IN POLITICS 10. INTERNATIONAL ORGANISATIONS-UNO (BOOK 2)

19.Sociology:

TOPICS	Marks allocated in CBSE Annual Examination	Marks allocated in First Term Examination
<ol style="list-style-type: none">1. The Demographic Structure of the Indian Society2. Social Institutions: Continuity and Change3. The Market as a Social Institution	28	32
<ol style="list-style-type: none">1. Pattern of Social Inequality and Exclusion2. The Challenges of Cultural Diversity3. Structural Change4. Cultural Change	52	48

Design of the 80 mark Question Paper for First term Examination

Question Wise Division of Marks

S.No	Particulars	Question Paper Design			Total
1.	Marks For Each Question	2M ark	4M ark	6M ark	
2.	Number Of Questions in Theory Paper	14	7	4	25
Total Marks allocated for Written Paper		28	28	24	80

20. Geography:

	V S A (1 Mark)	S A (3 Marks)	L A (5 Marks)	TOTAL
Chapter 1- Human Geography Nature and Scope	-	-	5	5 marks
Chapter 2- World Population Distribution , Density and Growth	-	3	-	3 marks
Chapter 3- Population Composition	1	3	-	4 marks
Chapter 4- Human Development		3	-	3 marks
Chapter 5- Primary Activities	1	3	5	9 marks
Chapter 6- Secondary Activities	-	3	-	3 marks
Chapter 7- Tertiary and Quaternary Activities	-	3	5	8 marks
Chapter 8- Transport and Communication	1	-	5 + 5	11 marks
Chapter 9- International Trade	1	3	5	9 marks
Chapter 10- Human Settlements	1	3 + 3 + 3	-	10 marks
Map work (All chapters)	-	-	5	5 marks
	5 Questions	10 Questions	7 Questions	70 Marks

21. Physical Education:

S.No.	Chapter No.	Chapter name	Marks allotted
1.	Chapter 1	Planning in sports	11
2.	Chapter 3	Sports and Nutrition	11
3.	Chapter 4	Postures	11
4.	Chapter 5	Children and Sports	11
5.	Chapter 6	Women and Sports	6
6.	Chapter 7	Tests and measurement in sports	15
7.	Chapter 8	Physiology and Sports	5
		Total Marks	70