



**WEST BENGAL COUNCIL OF HIGHER SECONDARY
EDUCATION**

VIDYASAGAR BHABAN

9/2, BLOCK DJ, SECTOR-II, SALT LAKE,
Kolkata – 700 091.

Memo No : L/PR/019/2021

Date : 12/02/2021

NOTIFICATION

**Attention : All Heads of Higher Secondary Institutions , teachers ,
Class XI and H.S candidates for Class XI Annual Examination and
H.S Examination , 2021**

**Subject : Subject-wise Question Pattern of Class XI Annual Examination , 2021
and H.S Examination , 2021**

The Council is pleased to publish the first phase of Subject-wise Question Pattern of Class XI Annual Examination , 2021 and H.S Examination , 2021 for those subjects in which syllabus has been reduced for Class XI Annual Examination and H.S Examination , 2021. Please note that , the reduced syllabus and the new Question Pattern will be valid for 2021 only.


President

W. B. Council of H. S. Education

Subject-wise Question Pattern for H.S.Examination-2021

Subject Name : BNGA

Theory Marks : 80

Topic	MCQ (1 mark)	Short Answer Questions (1 mark)	Descriptive Type Questions	Total
গল্প	5x1=5	2x1=2	1x5=5	12
নাটক	4x1=4	2x1=2	1x5=5	11
কবিতা	3x1=3	2x1=2	1x5=5	10
আন্তর্জাতিক কবিতা/ ভারতীয় গল্প	1x1=1	1x1=1	1x5=5	7
পূর্ণাঙ্গ গ্রন্থ	-----	-----	1x5=5	5
শিল্প সাহিত্য ও সংস্কৃতির ইতিহাস	3x1=3	-----	2x5=10	13
ভাষা	2x1=2	5x1=5	1x5=5	12
প্রবন্ধ	-----	-----	1x10=10	10
Total:	18	12	50	80

Subject Name : SNSK

Theory Marks : 80

Topic	MCQ (1 mark)	Short Answer Questions (1 mark)	Descriptive Type Questions	Total
বনগতাশুহা	4x1=4	3X1=3	1x5=5	12
গঙ্গা স্তোত্রম্	2x1=2	2X1=2	1x5=5	12
কর্মযোগ	2x1=2	1X1=1		
বাসন্তিকম্পনম্	4x1=4	3X1=3	1x5=5	12
History of Literature	3x1=3	2X1=2	1x5=5	10
Amplification			1x4=4	4
Linguistics			1x5=5	5
Translate into Sanskrit			1x5=5	5
Grammar				20
Total:				80

Subject-wise Question Pattern for H.S.Examination-2021

Subject Name : AGNM

Theory Marks : 70

Topic	MCQ (1 mark)	Short Answer Questions (1 mark)	Descriptive Type Questions	Total
Major and minor plant nutrients and their availability to plants	3X1=3	3X1=3	1X9=9	15
Manures & Fertilizers	6X1=6	3X1=3	1X9=9	18
Crop Production	6X1=6	3X1=3	1X9=9	18
Crop Protection	6X1=6	5X1=5	1X8=8	19
Total:	21	14	35	70

Subject Name : URDU

Theory Marks : 80

Topic	MCQ (1 mark)	Short Answer Questions (1 mark)	Descriptive Type Questions	Total
Prose	5x1=5	5x1=5	2x5=10	20
Poetry	5x1=5	5x1=5	2x5=10	20
Drama	3x1=3	2x1=2	1x5=5	10
Rapid Reader	4x1=4	1x1=1	1x5=5	10
History of Urdu literature	4x1=4	1x1=1	1x5=5	10
Grammar and composition	---	---	2x5=10	10
Total	21	14	45	80

Subject-wise Question Pattern for H.S.Examination-2021

Subject Name : CHEM

Theory Marks : 70

Topic	MCQ (1 mark)	Very Short Answer Questions (1 mark)	Short Answer Questions (2 mark)	3 mark Question	5 mark Question	Total
Solid state	1X1=1			1X3=3		04
Solution	1X1=1		1X2=2	1X3=3		06
Electrochemistry	1X1=1	1x1=1		1X3=3		05
Chemical Kinetics	1X1=1	1x1=1		1X3=3	1X5=5	10
Surface Chemistry	1X1=1	1x1=1	1X2=2	1X3=3		07
P block elements	1X1=1		1X2=2		1X5=5	08
d & f block elements	1X1=1					01
Co-ordination compounds	1X1=1	1x1=1	1X2=2			04
Haloalkanes & Haloarenes	1X1=1			1X3=3		04
Alcohols, Phenols & Ethers	1X1=1			1X3=3		04
Aldehydes, Ketones & Carboxylic acids	2X1=2			1X3=3	1X5=5	10
Organic compounds containing Nitrogen	1X1=1			1X3=3		04
Biomolecules	1X1=1		1X2=2			03
TOTAL:	14	04	10	27	15	70

Subject-wise Question Pattern for H.S.Examination-2021

Subject Name : MATH

Theory Marks : 80

Topic	MCQ (1 mark)	Very Short Answer Questions (2 mark)	Short Answer Questions (4 mark)	Long Answer Questions (5 Marks)	Total
Relations & Functions	2x1=2	1x2=2	1x4=4	-----	8
ALGEBRA	1x1=1	1x2=2	2x4=8	-----	11
• Matrices					
CALCULUS					
• Continuity	3x1=3	3x2=6	4x4=16	2x5=10	35
• Differentiability					
• Application of Derivatives					
• Integrals(Definite & Indefinite)					
• Application of Integrals					
• Differential Equation					
3D Geometry	2x1=2	1x2=2	1x4=4	1x5=5	13
Linear Programming	-----	-----	-----	1x5=5	5
Probability	2x1=2	1x2=2	1x4=4	-----	8
Total	10	14	36	20	80

Subject-wise Question Pattern for H.S.Examination-2021

Subject Name : BNGB

Theory Marks : 80

Topic	MCQ (1 mark)	Short Answer Questions (1 mark)	Descriptive Type Questions	Total
গদ্য	4x1=4	2X1=2	1x4=4	10
কবিতা	4x1=4	2x1=2	1x4=4	10
নাটক	4x1=4	2x1=2	1x4=4	10
বাংলার সংস্কৃতির ইতিহাস	4x1=4	2x1=2	1x4=4	10
ভাষাবিজ্ঞান	3x1=3	3x1=3	1x4=4	10
পূর্ণাঙ্গ সহায়ক গ্রন্থ	5X1=5	5X1=5	1x5=5	15
ভারতীয় গল্প কবিতা			1X5=5	5
প্রবন্ধ রচনা			1X10=10	10
Total	24	16	40	80

Subject Name : PHYS

Theory Marks : 70

Topic	MCQ (1 mark)	Very Short Answer Questions (1 mark)	Short Answer Questions (2 mark)	3 mark Question	5 mark Question	Total
Electrostatics	3X1=3	1x1=1	1x2=2	2X3=6	---	12
Current Electricity	2X1=2	---	1X2=2	1X3=3	1x5=5	12
Magnetic effect of current and magnetism	3X1=3	1x1=1	1x2=2	2X3=6	---	12
Electromagnetic induction and A.C.	---	---	---	---	---	00
Electromagnetic waves	---	---	---	---	---	00
Optics	3X1=3	1x1=1	1X2=2	3X3=9	1x5=5	20
Dual nature of radiation and matter	---	---	---	---	---	00
Atoms and Nuclei	---	---	---	---	---	00
Electronic Devices	3x1=3	1x1=1	1x2=2	1X3=3	1x5=5	14
Communication system	---	---	---	---	---	00
TOTAL:	14	04	10	27	15	70

Subject-wise Question Pattern for H.S.Examination-2021

Subject Name : ANTH

Theory Marks : 80

Topic	MCQ (1 mark)	Short Answer Questions (1 mark)	Descriptive Type Questions (8 mark)	Total
Society & Culture	10X1=10	6X1=6	2X8=16	32
Human Variation	8X1=8	5X1=5	2X8=16	29
Biological Basis of Inheritance in Man	6X1=6	5X1=5	1X8=8	19
Total	24	16	40	80

Subject Name : BIOS

Theory Marks : 70

Topic	MCQ Sec-I (1 mark)	Very Short Answer Questions(VSA) Sec-II (1 mark)	Short Answer Questions (SA-I) Sec-II (2 mark)	3 mark Question (SA-II) Sec-II	5 mark Question Sec-II LA	Total
Reproduction	4X1=4	1X1=1	1X2=2	2X3=6	1X5=5	18
Genetics & Evolution	5X1=5	1X1=1	1X2=2	3X3=9	1X5=5	22
Biology in Human Welfare	2X1=2	1X1=1	2X2=4	3X3=9	---	16
Ecology & Environment	3X1=3	1X1=1	1X2=2	1X3=3	1X5=5	14
TOTAL:	14X1=14	4X1=4	5X2=10	9X3=27	3X5=15	70

Subject Name : STAT

Theory Marks : 70

Topic	MCQ (1 mark)	Very Short Answer Questions(VSA) (1 mark)	Short Answer Questions (SA-I) (2 mark)	3 mark Question (SA-II)	5 mark Question LA	Total
Descriptive Statistics II	4X1=4	3X1=3	2X2=4	3X3=9	2X5=10	30
Probability Distribution	6X1=6	3X1=3	2X2=4	4X3=12	1X5=5	30
Inference (Only Estimation)	-----	-----	-----	1X3=3	-----	3
Application of Statistics II (Time series analysis)	-----	2X1=2	-----	-----	1X5=5	7
TOTAL:	10	8	8	24	20	70

Subject-wise Question Pattern for H.S.Examination-2021

Subject Name : PHIL

Theory Marks : 80

Topic	MCQ (1 mark)	Short Answer Questions (1 mark)	Descriptive Type Questions (8 mark)	Total
Argument	----	----	----	----
Proposition	3x1=3	1x1=1	1x8=8	12
Opposition of Prop.	2x1=2	2x1=2	1x8=8	12
Immidiate Inference	3x1=3	1x1=1	1x8=8	12
Categorical Sylog.	2x1=2	2x1=2	1x8=8	12
Hypothetical Dissuntive	----	----	----	----
Boolean , VENN	4x1=4	3x1=3	----	7
Truth Function	4x1=4	3x1=3	----	7
Nature of Induction	4x1=4	3x1=3	----	7
Cause	----	----	----	----
Mill's Method	2x1=2	1x1=1	1x8=8	11
Inductive Fallacy	----	----	----	----
Total	24	16	40	80

Subject Name :CSTX

Theory Marks : 80

Topic	(1 marks Questions)	(4 marks Questions)	(6 Marks Questions)	(8 Marks Questions)	(10 Marks Questions)	Total
Cost of Materials-2	----	----	----	----	----	----
Cost of Labour & Methods of Remuneration	18X1=18	2X4=8	1X6=6	1X8=8	----	40
Basic concepts of overhead	----	----	----	----	----	----
Income from House properties	12X1=12	2X4=8	----	-----	1X10=10	30
Capitail Gain	6X1=6	1X4=4	-----	-----	-----	10
Income from other sources	----	----	----	----	----	----
Total	36	20	6	8	10	80

Subject-wise Question Pattern for H.S.Examination-2021

Subject Name : EDCN

Theory Marks : 80

Topic	MCQ (1 mark)	Short Answer Questions (1 mark)	Descriptive Type Questions	Total
Psychological and Statistical Perspective	9X1=9	5X1=5	2X8=16	30
Historical Development (Post Independent Period)	9X1=9	5x1=5	2X8=16	30
Current Issues in Indian Education	3X1=3	3X1=3	1X4=4	10
Education for the 21 st Century	3x1=3	3x1=3	1X4=4	10
Total	24	16	40	80

Subject Name : ACCT

Theory Marks : 80

Topic	MCQ (1 mark)	Short Answer Questions (1 mark)	Descriptive Type Questions	Total
Introduction of partnership	4x1=4	2x1=2	1x4=4	10
Reconstruction of partnership	---	---	---	---
Admission of partner	4x1=4	2x1=2	1x6=6	12
Retirement of Partner	2x1=2	1x1=1	1x10=10	13
Accounting for share capital	8x1=8	3x1=3	2x4=8 1x6=6	25
Cash flow statement	6x1=6	4x1=4	1x4=4 1x6=6	20
Total	24	12	44	80

Subject-wise Question Pattern for H.S.Examination-2021

Subject Name : COMS

Theory Marks : 70

Group & Sl. No.	Topic	MCQ (1 mark)	Short Answer Questions (1 mark)	Descriptive Type Questions	Total
A1.	Sequential Logic Circuits	5X1=5	3x1=3	1x7=7	15
B2.	Programming in C & Data Structures	-----	-----	-----	15
	A) Programming in C	4x1=4	1x1=1	1x3=3	
	B) Data Structure	1x1=1	2x1=2	1x4=4	
C3.	Networking				15
	A)Introduction to Networking	2x1=2	2x1=2	1X4=4	
	B)Introduction to Internet	1x1=1	1x1=1	1X3=3	
	C)HTML	----	2x1=2	----	
D4.	Database Management System	-----	-----	-----	15
	A)Introduction to Database	3X1=3	----	----	
	B)Relational Model	2X1=2	1X1=1	1X3=3	
	C)Relational Algebra of SQL	2X1=2	----	1X4=4	
E5.	Introduction to Object Oriented Programming	-----	-----	-----	10
	A)Basic Concept of OOP	----	1X1=1	----	
	B)Implementing OOP using C++	1X1=1	1X1=1	1X7=7	
	Total	21	14	35	70

Subject-wise Question Pattern for H.S.Examination-2021

Subject Name : NUTN

Theory Marks : 70

Topic	MCQ (1 mark) No alternative	Short Answer Questions (1 mark) (14 out of 23)	Descriptive Type Questions(7 marks) (5 out of 9)	Total
Nutritive process & concepts of calorie	8x1=8	6x1=6	2x7=14	28
Dietetics & diet planning	8x1=8	5x1=5	1x7=7	20
Nutrition for the community	5x1=5	3x1=3	2x7=14	22
Total	21	14	35	70

Subject Name : ENVS

Theory Marks : 80

Topic	MCQ (1 mark)	Short Answer Questions (1 mark)	Descriptive Type Questions(8 marks)	Total
পঞ্চম অধ্যায় জৈব বৈচিত্র্য	15x1=15	6x1=6	2x8=16	37
ষষ্ঠ অধ্যায় পরিবেশ ব্যবস্থাপনা	----	----	----	----
সপ্তম অধ্যায় সুস্থায়ী উন্নয়ন	2x1=2	3x1=3	1x8=8	13
অষ্টম অধ্যায় সুস্থায়ী কৃষি	7x1=7	7x1=7	2x8=16	30
Total	24	16	40	80

Subject-wise Question Pattern for H.S.Examination-2021

Subject Name : ODIA

Theory Marks : 80

Topic	MCQ (1 mark)	Short Answer Questions (1 mark)	Descriptive Type Questions	Total
Prose(Prabandha)	3x1=3	2x1=2	2x5=10	15
Poetry(Kabita)	3x1=3	2x1=2	2x5=10	15
Story(Galpa)	3x1=3	2x1=2	1x5=5	10
Rapid Reader(Novel)	3x1=3	-----	1x7=7	10
Bhasa(Grammar)	5x1=5	5x1=5	----	10
History of Odia Literature	4x1=4	-----	1x6=6	10
Rachana	-----	----	1x10=10	10
Total	21	11	48	80

Subject-wise Question Pattern for Class XI Annual Examination , 2021

Subject Name : Agronomy

Theory Marks : 70

Topic	MCQ (1 mark)	Short Answer Questions (1 mark)	Descriptive Type Questions	Total
Weather, Climate & Seasons	5X1=5	4X1=4	1X7=7	16
Soils	3X1=3	2X1=2	1X7=7	12
Cultivation	7X1=7	2X1=2	1X7=7	16
Crop Production	4X1=4	2X1=2	1X7=7	13
Concepts of Farming	2X1=2	4X1=4	1X7=7	13
TOTAL:	21	14	35	70

Subject Name : Economics

Theory Marks : 80

Topic	MCQ (1 mark)	Short Answer Questions (1 mark)	Short Answer Questions (2 mark)	5 mark Question	10 mark Question	Total
GROUP A						
Chapter 1	1X1=1	1X1=1				2
Chapter 2	1X1=1	1X1=1	1X2=2			4
Chapter 3	1X1=1	1X1=1	1X2=2	1X5=5		9
Chapter 4	1X1=1	1X1=1				2
Chapter 5	1X1=1	1X1=1		1X5=5		7
Chapter 6	1X1=1		1X2=2			3
Chapter 7	1X1=1		1X2=2			3
Chapter 8						
Chapter 9	1X1=1	1X1=1	1X2=2			4
Chapter 10						
Chapter 11		1X1=1		1X5=5		6
Chapter 12						
GROUP B						
Chapter 13	1X1=1	2X1=2	1X2=2	1X5=5		10
Chapter 14			2X2=4	1X5=5		9
Chapter 15			1X2=2		1X10=10	12
Chapter 16	1X1=1	1X1=1	1X2=2	1X5=5		9
Chapter 17						
TOTAL:	10	10	20	30	10	80

Subject-wise Question Pattern for Class XI Annual Examination , 2021

Subject Name : Education

Theory Marks : 80

Theory Marks - 80

Group	Topic	MCQ (1 mark)	SAQ (1 Mark)	Descriptive type Questions (3 mark)	Total
A	నిత్యార్ ఠావనా	3	1	-	
	నిత్యార్ లక్ష్య	1	2	1	
	నిత్యార్ ఉపాసన	1	1	-	
	వాక్యాభివృద్ధి	1	1	1	
	పాఠ్యగ్రంథ	2		1	
	అవసరగ్రంథములు	1	2	1	
		9	5	8x2 = 16	30
B	నిత్యార్ వాక్యాభివృద్ధి	1	3	2	
	వాక్యాభివృద్ధి	5	4	2	
		9	5	8x2 = 16	30
C	వాక్యాభివృద్ధి	2	2	-	
	వాక్యాభివృద్ధి	2	4	1	
	వాక్యాభివృద్ధి	2	2	2	
		6	6	8x1 = 8	20

Subject Name : Telugu

Theory Marks : 80

Theory : 80 marks

- Word to word meaning (PRATIPADARDHAM) (one out of two) : 7 marks
(only for UTAPAMALA , CHAMPAKAMALA , SAARDULAM and MATTEBAM)
- Write BHAVA SANDARBHALU (from old and new poetry) : 5 X 2 = 10 marks
(2 out of 4)
- Write SANDARBHASAHITA VYAKHYALU (from old and new prose) : 5 X 2 = 10 marks
(2 out of 4)
- One question from poetry (one out of three) : 8 marks
- Two questions from prose (two out of four) : 7 X 2 = 14 marks

GRAMMAR

- A) Any one SANDHI SODAAHARANAMGA VIVARINCHUTA : 5 marks
(one out of three)
- B) Write VIGRAHA VAKYAMS and SAMASA NAAMAMS : 5 marks
(5 out of 8)
- One question from Non Detailed Text 1 (A Life History of a Poet) : 9 marks
(1 out of 2)
- MCQ questions from Non Detailed Text 2 (History of Telugu Literature) : 12 X 1 = 12 marks
(12 out of 12)

Subject-wise Question Pattern for Class XI Annual Examination , 2021

Subject Name : Santhali

Theory Mark : 80

Theory Marks - 80

Group	Topic	MCQ (1 mark)	SAQ (1 Mark)	Descriptive type Questions (2 mark)	Total
A	ମିସ୍ତ୍ରୀର ଚାବିରା	3	1	-	
	ମିସ୍ତ୍ରୀର ଲକ୍ଷ୍ୟ	1	2	1	
	ମିସ୍ତ୍ରୀର ଓପାମାଳ	1	1	-	
	ସାମାଜିକ ଓ ପରିବେଶ	1	1	1	
	ପାଠିକତା	2		1	
	ଆଧୁନିକୀକରଣ	1	2	1	
	ସମାଜିକ ସ୍ଥିତି	9	5	8x2 = 16	30
B	ମିସ୍ତ୍ରୀର ଗଣତାନ୍ତ୍ରିକତା	4	3	2	
	ସ୍ୱାଧୀନତା ଓ ବିପ୍ଳବର ପ୍ରଭାବ	5	4	2	
		9	5	8x2 = 16	30
C	ଶୈଳିକ ଓ ବୌଦ୍ଧିକତା	2	2	-	
	ପରାମର୍ଶଦାତାଙ୍କ ମିସ୍ତ୍ରୀ	2	4	1	
	ଉପରୋକ୍ତ ଉପାଦାନ	2	2	2	
		6	6	8x1 = 8	20

Subject Name : History

Theory Mark : 80

SL NO	TOPIC	MCQ (1 MARK)	SA (1 MARK)	DA (2 MARKS)	TOTAL
1.	Understanding History	1x3 = 3 +1	1x3 = 3 +1	-	06+02
2.	From Primitive Man to Early Civilization	1x3 = 3 +1		4+4 or 8	11 +1
3.	Evolution of Politics	1x3 = 3 +1	1x2 = 2 +1	4+4	19 +4
4.	Nature of State and its apparatus	1x3 = 3 +1	1x3 = 3 +1	or 4+4	
5.	Aspects of Economy	1x3 = 3 +1	1x3 = 3	8 or 4+4 +8	14 +4
6.	Dynamics of Society	1x3 = 3 +1	1x2 = 2	8 or 3+5	13 +1
7.	RELIGION				
8.	Expanding Horizons				
	TOTAL	24	16	40	80

Subject-wise Question Pattern for Class XI Annual Examination , 2021

Subject Name : Political Science

Theory Mark : 80

S.No.	Topic	MCQ (1 Mark)	SA (1 Mark)	DA (8 Mark)	Total
1.	Political Science : The subject and its evolution	$6 \times 1 = 6$	$4 \times 1 = 4$		10
2.	State		$4 \times 1 = 4$	$8 \times 1 = 8$	12
3.	Nationality, Nation and State	$6 \times 1 = 6$	$6 \times 1 = 6$		12
4.	Fundamental Concept of Modern Politics	$2 \times 1 = 2$		$8 \times 1 = 8$	10
5.	Constitution	$2 \times 1 = 2$	$2 \times 1 = 2$	$8 \times 1 = 8$	12
6.	Forms of Government	$4 \times 1 = 4$		$8 \times 1 = 8$	12
7.	Fundamental Rights and Duties	$4 \times 1 = 4$		$8 \times 1 = 8$	12
Total					80

Subject Name : Nutrition

Theory Mark : 70

S.No.	Topic	MCQ (1 Mark)	SA (1 mark)	Descriptive (7 marks)	Total
1.	An Introduction to Nutrition	$1 \times 2 = 2$	$1 \times 2 = 2$	$7 \times 1 = 7$	11
2.	Nutrients and Nutritive processes and concepts of calories	$1 \times 15 = 15$	$1 \times 7 = 7$	$7 \times 2 = 14$	36
3.	Cookery and Kitchen sanitation	$1 \times 3 = 3$	$1 \times 3 = 3$	$7 \times 1 = 7$	13
4.	Nutrition in every day meal	$1 \times 1 = 1$	$1 \times 2 = 2$	$7 \times 1 = 7$	10
Total					70

Subject-wise Question Pattern for Class XI Annual Examination , 2021

Subject Name : Computer Applications

Theory Mark : 70

Sl. No.	UNIT	MCQ (21 Nos.) (1 mark)	SAG (14 Nos.) (1 mark)	Descriptive (5 Nos.) (7 marks)	TOTAL
1.	(A) i) Evolution of computers and computer Organization	$30 \times 1M = 30$	$10 \times 1M = 10$	$20 \times 7M = 140$	180
2.	ii) Data Representation	—	$1 \times 1 = 1$	$1 \times 7 = 7$	8
3.	iii) Boolean Algebra	$2 \times 1 = 2$	$4 \times 1 = 4$	$1 \times 7 = 7$	13
4.	(B) Software and Languages.	$4 \times 1 = 4$	$1 \times 1 = 1$	$1 \times 7 = 7$	12
5.	(C) Programming using Visual Basic	$5 \times 1 = 5$	$3 \times 1 = 3$	—	8
6.	(D) Word processing using MS- Word	$4 \times 1 = 4$	$2 \times 1 = 2$	—	6
7.	(E) Powerpoint presentation using MS- Powerpoint	$3 \times 1 = 3$	$2 \times 1 = 2$	—	5
<u>SUMMARY</u> $\Rightarrow$		21 marks (21 questions)	14 marks (14 questions)	35 marks (5 questions)	Total <u>70</u> marks

Subject Name : Computer Science

Theory Mark : 70

Sl. No.	UNIT	MCQ (21 Nos.) (1 mark)	SAG (14 Nos.) (1 mark)	Descriptive (5 Nos.) (7 marks)	TOTAL
1.	i) Evolution of computers and computer Organization	$20 \times 1M = 20$	$10 \times 1M = 10$	$10 \times 7M = 70$	100
2.	ii) Data Representation	$1 \times 1 = 1$	$1 \times 1 = 1$	$1 \times 7 = 7$	9
3.	iii) Boolean Algebra	$7 \times 1 = 7$	$1 \times 1 = 1$	$1 \times 7 = 7$	15
4.	(B) Software and Languages	$2 \times 1 = 2$	$1 \times 1 = 1$	$1 \times 7 = 7$	10
5.	(C) Programming in C	$9 \times 1 = 9$	$10 \times 1 = 10$	$1 \times 7 = 7$	26
<u>Summary</u> $\Rightarrow$		<u>21</u> marks (21 questions)	<u>14</u> marks (14 questions)	<u>35</u> marks (5 questions)	Total <u>70</u> marks.

Subject-wise Question Pattern for Class XI Annual Examination , 2021

Subject Name : Philosophy

Theory Marks : 80

Topic	MCQ (1 mark)	Short Answer Questions (1 mark)	Descriptive Type Questions	Total
Western Philosophy [47]				
Concept of Philosophy	5X1=5	3X1=3		08
Nature & Theories of Knowledge	4X1=4	2X1=2	1X8=8	14
Substance	2X1=2	3X1=3		05
Causality	2X1=2		1X8=8	10
Realism & Idealism	2X1=2		1X8=8	10
Indian Philosophy [33]				
Chaarvaaka	3X1=3	5X1=5		08
Buddhism	2X1=2	3X1=3		05
Nyaaya Darshana	4X1=4		1X8=8	12
Contemporary Indian Philosophy			1X8=8	08
TOTAL:				80

Subject Name : Psychology

Theory Marks : 70

Topic	MCQ (1 mark)	Short Answer Questions (1 mark)	Descriptive Type Questions (7 mark)
Introduction	2X1=2	2X1=2	- In this group , 4 questions has been framed where each question has one alternative from any eight chapters - One question which will be compulsory has been framed from any one of the remaining two chapters
Methods of Psychology	1X1=1		
Biological bases of behavior	3X1=3	1X1=1	
Development	2X1=2	3X1=3	
Sensory Processes	4X1=4	1X1=1	
Perceptual Process		3X1=3	
Learning	2X1=2	1X1=1	
Memory Processes	2X1=2	1X1=1	
Motivation	2X1=2		
Emotion	2X1=2	2X1=2	

Subject Name : Anthropology

Theory Marks : 80

Topic	MCQ (1 mark)	Short Answer Questions (1 mark)	Descriptive Type Questions	Total
History,Aim,Scope of Anthropology	7X1=7	4X1=4	1X8=8	19
Human Morphology and its evolutionary study	10X1=10	4X1=4	3X8=24	38
Emergence of human : Bio- cultural perspectives	9X1=9	6X1=6	1X8=8	23
TOTAL:				80

Subject-wise Question Pattern for Class XI Annual Examination , 2021

Subject Name : Statistics

Theory Marks : 70

Topic	MCQ (1 mark)	VSA (1 mark)	SA I (2 mark)	SA II (3 marks)	LA (5 marks)	Total
Descriptive Statistics I	4X1=4	4X1=4	2X2=4	4X3=12	2X5=10	34
Mathematics	4X1=4	1X1=1		2X3=6		11
Probability	2X1=2	3X1=3	2X2=4	2X3=6	2X5=10	25
TOTAL:						70

Subject Name : Mathematics

Theory Marks : 80

Topic	MCQ (1 mark)	VSA (2 marks)	SA I (4 marks)	LA (5 marks)	Total
Sets , Relation & Functions, Trigonometric Functions	2X1=2	2X2=4	2X4=8	1X5=5	19
<u>Algebra</u> Principle of Mathematical Induction , Comple No & Quadratic Eqn , Permutation & Combination , Binomial Theorem , Sequence & Series	3X1=3	2X2=4	2X4=8	2X5=10	25
Straight Lines , Conic Sections	2X1=2	1X2=2	2X4=8	1X5=5	17
Limits & Derivatives	1X1=1	1X2=2	2X4=8		11
Statistics , Probability	2X1=2	1X2=2	1X4=4		08
TOTAL:					80

Subject Name : URDU

Theory Marks : 80

	DESCRIPTIVE (5 marks)	MCQ (1 mark)	SA (1 mark)	TOTAL
Prose	5 X 2 = 10	1X5=5	1X5=5	20
Poetry	5 X 2 = 10	1X5=5	1X5=5	20
Drama	5 X 1 = 5	1X3=3	1X2=2	10
Rapid Reader	5 X 1 = 5	1 X 4 = 4	1 X 1 = 1	10
History of Literature	5 X 1 = 5	1X4=4	1X1=1	10
Grammar & Composition	5 X 2 = 10	-	-	10
Total	45	21	14	80

Subject-wise Question Pattern for Class XI Annual Examination , 2021

Subject Name : ODIA

Theory Marks : 80

	DESCRIPTIVE	MCQ	SA	TOTAL
Prose(Prabandha)	7M X 1Q = 7 5X1=5	1MX3Q=3	1MX5Q=5	20
Poetry(Kabita)	7X1=7 5X1=5	1X3=3	1X5=5	20
Story(Galpa)	5 X 1 = 5	1X3=3	1X2=2	10
Bhasa (Grammar)	2.5X2=5	1X5=5	1X5=5	15
History of Odia Literature	5X2=10	1X5=5	-	15
Total	44	19	17	80

Subject Name : Commercial Law & Preliminaries of Auditing

Theory Marks : 80

Unit	Name of Topic	Marks	Marks per Question
PART - A	1 Introduction	6	2 Question X 1 Mark = 02 1 Question X 4 Marks =04
	2 Law of Contract	19	9 Questions X 1 Mark each =09 1 Question X 4 Marks =04 1 Question X 6 Marks =06
	3 Law of relating to sale of goods	15	7 Questions X 1 Mark each =07 2 Questions X 4 Marks each =08
	Part-A Total:	40	
PART - B	1 Introduction to Auditing	15	7 Questions X 1 Mark each = 07 2 Question X 4 Marks =08
	2 Different types of Audit	14	6 Questions X 1 Mark each = 06 2 Questions X 4 Marks =08
	3 Internal Control System	11	5 Questions X 1 Mark each = 05 1 Question X 6 Marks =06
	Part-B Total:	40	
	THEORY TOTAL:	80	

Subject-wise Question Pattern for Class XI Annual Examination , 2021

Subject Name : Costing and Taxation

Theory Marks : 80

Unit	Name of Topic	Weightage/Marks	Marks per Question	
PART - A	1 Introduction	8	4 Questions X 1 Mark = 04 1 Question X 4 Marks = 04	08
	2 Classification of Cost Preparation of cost sheet	14	6 Questions X 1 Mark each = 06 1 Question X 8 Marks = 08	14
	3 Cost of Materials – I Storing of Materials Materials Control	18	8 Questions X 1 Mark each = 08 1 Question X 4 Marks = 04 1 Question X 6 Marks = 06	18
	Part-A Total:	40		40
PART - B	1 Introduction	15	7 Questions X 1 Mark each = 07 2 Question X 4 Marks = 08	10
	2 Residential Status and Tax Incidence	08	4 Questions X 1 Mark each = 04 1 Question X 4 Marks = 04	10
	3 Income under the head 'Salaries'	17	7 Questions X 1 Mark each = 07 1 Question X 10 Marks = 10	15
	Part-B Total:	40		40
	THEORY TOTAL:	80		80

Question Pattern of Class XI of the following subjects remains unchanged . Please refer to the book “ Sample Question Set including Question Pattern for Class XI “ published by the Council in 2014 for the Question Pattern of the following subjects.

- Physics
- Hindi A
- Hindi B
- Arabic
- Journalism & Mass Communication
- English A
- Alternative English