उत्तराखण्ड विद्यालयी शिक्षा परिषद्, रामनगर प्रयोगात्मक परीक्षा 2024—25 अंक विभाजन

कक्षा 12 (समस्त वर्ग) तथा कक्षा 11 (केवल कृषि वर्ग)

क्र0 सं0	विषय कोड	विषय का नाम	अधिकतम अंक	न्यूनतम उत्तीर्णांक	निर्धारित समय	प्रयोगात्मक कार्य	अंक विभाजन
						External Examiner	
						1. Data-its Source and Compilation	15
						2. Data Processing	(Written)
						3. Graphical Representation of Data	Test
1	111	277)-7	20	10	३ घण्टे	Internal Examiner	
1	111	भूगोल	30	10	3 4 0 0	5.0	5 (Written
						5. Spatial Information Technology	Test)
						4. Practical Record Book and Viva	5
						5. Continuous Assessment(Unit Test)	5
						Total	30
						External Examiner	
2						Modification of any one family meal for elderly person. Preparing any one of the modified dish. OR Development and preparation of any one supplementary food for pre-schooler (2- 6 years) nutrition programme. OR Planning a menu for school canteen and preparing any one nutritious dish.	3
						2. Identify adulterant using chemical test in any one of the following- pure ghee, tea leaves, whole black pepper, turmeric powder, milk, asafetida.	2
							3
	113	गृह विज्ञान	30	10	3 घण्टे	·	
						5. Remove any one of the stain from white cotton cloth –Ball pen, curry, grease, ink, lipstick, tea, coffee.	2
						food for pre-schooler (2- 6 years) nutrition programme. OR Planning a menu for school canteen and preparing any one nutritious dish. 2. Identify adulterant using chemical test in any one of the following- pure ghee, tea leaves, whole black pepper, turmeric powder, milk, asafetida. 3. Prepare a sample using applied textile design techniques tie and dye/batik/block printing. 4. Project 3. Frepare as a sample using applied textile design techniques tie and dye/batik/block printing. 5. Remove any one of the stain from white cotton cloth —Ball pen, curry, grease, ink, lipstick, tea, coffee. 2. Internal Examiner 6. Develop a leaflet/pamphlet for Consumer Education and Protection on anyone of the following-tal Consumer Protection Act (CPA) b) Consumer responsibilities c) Consumer organization 7. File 8. Continuous Assessment (Unit Test) Total 3	
						-	
							30
						External Examiner	
						1. Tuning of Tanpura and questions regarding Tanpura	5+5= 10
						2. Choice Raga (Vlilambit and Drut Khayal)	15
						3. Examiners Choice Talas	5
					00 7 55	4. Viva	5
3	114	हिन्दुस्तानी	70	23	20 सੇ 30 ਸਿਜਟ ਧੁਰਿ	Internal Examiner	

د ا	117	संगीत (गायन)	70	43	11110 7101	5. One Dhrupad or one Dhamar	10
		,			परीक्षार्थी	6. Composition in Raga Khamaj	4
						7. Identification of Svaras and Ragas	8
						8. Identication of Tala played on Tabla	4
						Reciting the Theka of a Tala with hand beats	4
						10. Continuous Assessment (Unit Test)	5
						Total	70
						External Examiner	
						Tuning of Instrument and questions regarding instrument	5+5= 10
						2. Choice Raga (Masti khani Gat and Razakhani)	15
						3. To play Svarvistar is a Raga of examiners choice	5
						4. Viva	5
		हिन्दुस्तानी			20 से 30	Internal Examiner	
4	115	संगीत (मैलोडिक	70	23	मिनट प्रति	5. Razakhani Gat with Toda and Jhala of Examiners choice	4
		वादन)			परीक्षार्थी	6. Meend of Svaras	4
						7. Composition in Raga khamaj	4
						8. Identication of the Svaras and Raga	10
						9. Identification of Tala played on Table	4
						10. Reciting the Theka of a Tala with hand beats	4
						11. Continuous Assessment (Unit Test)	5
						Total	70

External Examiner 116 हिन्दुस्तानी संगीत (पर्कसन वादन) 70 23 मिनट प्रति परीक्षार्थी 3. Tala of Examiner's choice 4. Viva Internal Examiner 5. Tala in Dugun, Chaugun with Mukhda and Tihai 6. Reciting of Tala with hand beats 7. Continuous Assessment (Unit Test) Total External Examiner 1. For tuning the Tanpura/drone and question related to it 2. A kriti as per the choice of the candidate with all Manodhrma asked 3. A kriti with manodharma may be asked as per the choice of the examiners 4. One post pallavi item 4. One post pallavi item 5. One Ata Tala Varnam in two degrees of speed 6. Exposition of one simple Pallavi 7. Testing the knowledge on Raga Lakshanas 8. Testing the knowledge on Musical forms 9. Testing the knowledge on Musical forms 10. Testing the Svarajanam of the candidate 11. Continuous Assessment (Unit Test) Total External Examiner 1. Tuning of condidate's instrument and questions related to it	15 5 Total 70 ated to it 5 II 16 he 10 4 4 10 4 4 4 4 5
5 116 हिन्दुस्तानी संगीत (पर्कसन वादन) 70 23 130 मिनट प्रति परीक्षाणी . Tala of Examiner's choice . Tala of Examiner's choice 8 117 Internal Examiner 5. Tala in Dugun, Chaugun with Mukhda and Tihai 6. Reciting of Tala with hand beats 7. Continuous Assessment (Unit Test) Total 8 External Examiner 1. For tuning the Tanpura/drone and question related to it 2. A kriti as per the choice of the candidate with all Manodhrma asked 3. A kriti with manodharma may be asked as per the choice of the examiners 4 One post pallavi item Internal Examiner 5 One Ata Tala Varnam in two degrees of speed 6. Exposition of one simple Pallavi 7. Testing the knowledge on Raga Lakshanas 8. Testing the knowledge on Talas 9. Testing the knowledge on Musical forms 10. Testing the Svarajnanam of the candidate 11. Continuous Assessment (Unit Test) 8 External Examiner 1. Tuning of condidate's instrument and questions related to it	10 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
2. Choice of Tala 3. Tala of Examiner's choice 4. Viva Internal Examiner 5. Tala in Dugun, Chaugun with Mukhda and Tihai 6. Reciting of Tala with hand beats 7. Continuous Assessment (Unit Test) Total External Examiner 1. For tuning the Tanpura/drone and question related to it 2. A kriti as per the choice of the candidate with all Manodhrma asked 3. A kriti with manodharma may be asked as per the choice of the examiners 4. One post pallavi item 5. Too en Ata Tala Varnam in two degrees of speed 6. Exposition of one simple Pallavi 7. Testing the knowledge on Raga Lakshanas 8. Testing the knowledge on Raga Lakshanas 9. Testing the knowledge on Musical forms 10. Testing the Svarajnanam of the candidate 11. Continuous Assessment (Unit Test) External Examiner 1. Tuning of condidate's instrument and questions related to it	10 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
5 116 हिन्दुस्तानी संगीत (पर्कसन वादन) 70 23 विनेट प्रति परीक्षार्थी 4. Viva Internal Examiner 5 116 परीक्षार्थी Internal Examiner 5 Tala in Dugun, Chaugun with Mukhda and Tihai 6. Reciting of Tala with hand beats 7. Continuous Assessment (Unit Test) 6 Total 7 External Examiner 1. For tuning the Tanpura/drone and question related to it 2. A kriti as per the choice of the candidate with all Manothrma asked 30 से 45 मिनट प्रति परीक्षाणी Internal Examiner 5. One Ata Tala Varnam in two degrees of speed 6. Exposition of one simple Pallavi 7. Testing the knowledge on Raga Lakshanas 8. Testing the knowledge on Musical forms 10. Testing the Svarajnanam of the candidate 11. Continuous Assessment (Unit Test) Total	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
5 116 संगीत (पर्कंसन वादन) 70 23 मिनट प्रति परीक्षार्थी 4. Viva Internal Examiner 5. Tala in Dugun, Chaugun with Mukhda and Tihai 6. Reciting of Tala with hand beats 7. Continuous Assessment (Unit Test) Total 6 1. For tuning the Tanpura/drone and question related to it 2. A kriti as per the choice of the candidate with all Manodhrma asked 3. A kriti with manodharma may be asked as per the choice of the examiners 4. One post pallavi item एपरीक्षाध्ये 5. One Ata Tala Varnam in two degrees of speed 6. Exposition of one simple Pallavi 7. Testing the knowledge on Raga Lakshanas 8. Testing the knowledge on Talas 9. Testing the Nowledge on Musical forms 10. Testing the Svarajnanam of the candidate 11. Continuous Assessment (Unit Test) Total External Examiner 1. Tuning of condidate's instrument and questions related to it	5 i 15 15 5 Total 70 ated to it 5 II 16 he 10 4 4 4 4 4 4 4 5
परीक्षार्थी परीक्षार्थी परीक्षार्थी परीक्षार्थी (उ. Tala in Dugun, Chaugun with Mukhda and Tihai (अ. Reciting of Tala with hand beats (अ. Continuous Assessment (Unit Test) Total External Examiner 1. For tuning the Tanpura/drone and question related to it (अ. A kriti as per the choice of the candidate with all Manodhrma asked (आ. A kriti with manodharma may be asked as per the choice of the examiners 4. One post pallavi item (आ. Thernal Examiner 5. One Ata Tala Varnam in two degrees of speed (6. Exposition of one simple Pallavi (7. Testing the knowledge on Raga Lakshanas (8. Testing the knowledge on Musical forms (10. Testing the Svarajnanam of the candidate (11. Continuous Assessment (Unit Test) Total External Examiner 1. Tuning of condidate's instrument and questions related to it	i 15 15 15 5 Total 70 ated to it 5 II 16 he 10 4 10 4 4 4 4 4 5
5. Tala in Dugun, Chaugun with Mukhda and Tihai 6. Reciting of Tala with hand beats 7. Continuous Assessment (Unit Test) Total External Examiner 1. For tuning the Tanpura/drone and question related to it 2. A kriti as per the choice of the candidate with all Manodhrma asked 3. A kriti with manodharma may be asked as per the choice of the examiners 4. One post pallavi item Find utility Internal Examiner 5. One Ata Tala Varnam in two degrees of speed 6. Exposition of one simple Pallavi 7. Testing the knowledge on Raga Lakshanas 8. Testing the knowledge on Musical forms 10. Testing the Nowledge on Musical forms 10. Testing the Svarajnanam of the candidate 11. Continuous Assessment (Unit Test) Total External Examiner 1. Tuning of condidate's instrument and questions related to it	15 5 Total 70 ated to it 5 II 16 he 10 4 10 4 4 4 4 4 5
6. Reciting of Tala with hand beats 7. Continuous Assessment (Unit Test) Total External Examiner 1. For tuning the Tanpura/drone and question related to it 2. A kriti as per the choice of the candidate with all Manodhrma asked 3. A kriti with manodharma may be asked as per the choice of the examiners 4. One post pallavi item (गायन) कर्नाटक संगीत (गायन) कर्नाटक संगीत (गायन) 5. One Ata Tala Varnam in two degrees of speed 6. Exposition of one simple Pallavi 7. Testing the knowledge on Raga Lakshanas 8. Testing the knowledge on Raga Lakshanas 9. Testing the knowledge on Musical forms 10. Testing the Svarajnanam of the candidate 11. Continuous Assessment (Unit Test) Total External Examiner 1. Tuning of condidate's instrument and questions related to it	15 5 Total 70 ated to it 5 II 16 he 10 4 10 4 4 4 4 4 5
7. Continuous Assessment (Unit Test) Total External Examiner 1. For tuning the Tanpura/drone and question related to it 2. A kriti as per the choice of the candidate with all Manodhrma asked 3. A kriti with manodharma may be asked as per the choice of the examiners 4. One post pallavi item 1. Total Examiner 5. One Ata Tala Varnam in two degrees of speed 6. Exposition of one simple Pallavi 7. Testing the knowledge on Raga Lakshanas 8. Testing the knowledge on Musical forms 10. Testing the Svarajnanam of the candidate 11. Continuous Assessment (Unit Test) Total External Examiner 1. Tuning of condidate's instrument and questions related to it	5 Total 70 ated to it 5 II 16 he 10 4 10 4 4 4 4 5
Total External Examiner 1. For tuning the Tanpura/drone and question related to it 2. A kriti as per the choice of the candidate with all Manodhrma asked 3. A kriti with manodharma may be asked as per the choice of the examiners 4. One post pallavi item There प्रति परीक्षाधी 5. One Ata Tala Varnam in two degrees of speed 6. Exposition of one simple Pallavi 7. Testing the knowledge on Raga Lakshanas 8. Testing the knowledge on Musical forms 10. Testing the Svarajnanam of the candidate 11. Continuous Assessment (Unit Test) Total External Examiner 1. Tuning of condidate's instrument and questions related to it	Total 70 ated to it 5 II 16 he 10 4 10 4 4 4 4 4 5
Total External Examiner 1. For tuning the Tanpura/drone and question related to it 2. A kriti as per the choice of the candidate with all Manodhrma asked 3. A kriti with manodharma may be asked as per the choice of the examiners 4. One post pallavi item There प्रति परीक्षाधी 5. One Ata Tala Varnam in two degrees of speed 6. Exposition of one simple Pallavi 7. Testing the knowledge on Raga Lakshanas 8. Testing the knowledge on Musical forms 10. Testing the Svarajnanam of the candidate 11. Continuous Assessment (Unit Test) Total External Examiner 1. Tuning of condidate's instrument and questions related to it	10 4 4 4 4 5 5
1. For tuning the Tanpura/drone and question related to it 2. A kriti as per the choice of the candidate with all Manodhrma asked 3. A kriti with manodharma may be asked as per the choice of the examiners 4. One post pallavi item Internal Examiner 5. One Ata Tala Varnam in two degrees of speed 6. Exposition of one simple Pallavi 7. Testing the knowledge on Raga Lakshanas 8. Testing the knowledge on Talas 9. Testing the Nowledge on Musical forms 10. Testing the Svarajnanam of the candidate 11. Continuous Assessment (Unit Test) Total External Examiner 1. Tuning of condidate's instrument and questions related to it	10 4 10 4 4 4 4 5
6 117 कर्नाटक संगीत (गायन) उ० से 45 मिनट प्रति परीक्षाधी परीक्षाधी Internal Examiner 5. One Ata Tala Varnam in two degrees of speed 6. Exposition of one simple Pallavi 7. Testing the knowledge on Raga Lakshanas 8. Testing the knowledge on Talas 9. Testing the knowledge on Musical forms 10. Testing the Svarajnanam of the candidate 11. Continuous Assessment (Unit Test) Total External Examiner 1. Tuning of condidate's instrument and questions related to it	11 16 he 10 4 10 4 4 4 4 5 5
6 117 कर्नाटक संगीत (गायन) अर्च 45 मिनट प्रति परीक्षार्थी प्रमायन) Internal Examiner 5. One Ata Tala Varnam in two degrees of speed 6. Exposition of one simple Pallavi 7. Testing the knowledge on Raga Lakshanas 8. Testing the knowledge on Talas 9. Testing the Knowledge on Musical forms 10. Testing the Svarajnanam of the candidate 11. Continuous Assessment (Unit Test) Total External Examiner 1. Tuning of condidate's instrument and questions related to it	16 he 10 4 10 4 10 4 4 4 4 4 5
6 117 कर्नाटक संगीत (गायन) अर्च 45 मिनट प्रति परीक्षार्थी प्रमायन) Internal Examiner 5. One Ata Tala Varnam in two degrees of speed 6. Exposition of one simple Pallavi 7. Testing the knowledge on Raga Lakshanas 8. Testing the knowledge on Talas 9. Testing the Knowledge on Musical forms 10. Testing the Svarajnanam of the candidate 11. Continuous Assessment (Unit Test) Total External Examiner 1. Tuning of condidate's instrument and questions related to it	16 he 10 4 10 4 10 4 4 4 4 4 5
6 117 कर्नाटक संगीत (गायन) अ. से 45 मिनट प्रति परीक्षाणी 4. One post pallavi item 5 मिनट प्रति परीक्षाणी Internal Examiner 5 One Ata Tala Varnam in two degrees of speed 6. Exposition of one simple Pallavi 7 Testing the knowledge on Raga Lakshanas 8 Testing the knowledge on Musical forms 10 Testing the Svarajnanam of the candidate 11 Continuous Assessment (Unit Test) Total External Examiner 1 Tuning of condidate's instrument and questions related to it	10 4 10 4 4 4 4 4 5
6 117 कर्नाटक संगीत (गायन)	10 4 10 4 4 4 4 4 5
6 117 कर्नाटक संगीत (गायन) 117 कर्नाटक संगीत (गायन) 118 मिनट प्रति परीक्षाण्यी 119 परीक्षाण्यी 110 परीक्षाण्यी 1117 Internal Examiner 1118 Internal Examiner 1119 Inte	4 10 4 4 4 4 5
6 117 किनाटक संगात (गायन)	4 10 4 4 4 4 5
परीक्षार्थी 5. One Ata Tala Varnam in two degrees of speed 6. Exposition of one simple Pallavi 7. Testing the knowledge on Raga Lakshanas 8. Testing the knowledge on Talas 9. Testing the knowledge on Musical forms 10. Testing the Svarajnanam of the candidate 11. Continuous Assessment (Unit Test) Total External Examiner 1. Tuning of condidate's instrument and questions related to it	10 4 4 4 4 5
6. Exposition of one simple Pallavi 7. Testing the knowledge on Raga Lakshanas 8. Testing the knowledge on Talas 9. Testing the knowledge on Musical forms 10. Testing the Svarajnanam of the candidate 11. Continuous Assessment (Unit Test) Total External Examiner 1. Tuning of condidate's instrument and questions related to it	10 4 4 4 4 5
7. Testing the knowledge on Raga Lakshanas 8. Testing the knowledge on Talas 9. Testing the knowledge on Musical forms 10. Testing the Svarajnanam of the candidate 11. Continuous Assessment (Unit Test) Total External Examiner 1. Tuning of condidate's instrument and questions related to it	4 4 4 4 5
8. Testing the knowledge on Talas 9. Testing the knowledge on Musical forms 10. Testing the Svarajnanam of the candidate 11. Continuous Assessment (Unit Test) Total External Examiner 1. Tuning of condidate's instrument and questions related to it	4 4 4 5
9. Testing the knowledge on Musical forms 10. Testing the Svarajnanam of the candidate 11. Continuous Assessment (Unit Test) Total External Examiner 1. Tuning of condidate's instrument and questions related to it	4 4 5
10. Testing the Svarajnanam of the candidate 11. Continuous Assessment (Unit Test) Total External Examiner 1. Tuning of condidate's instrument and questions related to it	4 5
11. Continuous Assessment (Unit Test) Total External Examiner 1. Tuning of condidate's instrument and questions related to it	5
External Examiner 1. Tuning of condidate's instrument and questions related to it	TF ()
External Examiner 1. Tuning of condidate's instrument and questions related to it	Totall 70
1. Tuning of condidate's instrument and questions related to it	/U
to it	
	s related 5
	JI J
2. A kirti as per the choice of the candidate with all Manodharma asked	16
3. A kirti or two with manodharma asked as per the	ne 10
examiner's choice	
30 से 45 4. Testing the Knowledge of Rage Lakshanas	4
/ 118 (भैलोटिक वादन) 70 23 मिनट प्रांत internal Examiner	
पराक्षाथा 5. One Ata tala varnam in two degrees of speed	
6. Expositions of one simple pallavi	4
7. Questions about unique features of respective	4 10
instruments	10
8. Testing the Knowledge of Talas	
9. Testing he Knowledge of Musical forms	10
	10
10. Details regarding different techniques of play	10 4 4
	10 4 4 4 4
10. Details regarding different techniques of play	10 4 4 4 4 4 5
10. Details regarding different techniques of play 11. Continuous Assessment (Unit Test) Total External Examiner	10 4 4 4 4 5
10. Details regarding different techniques of play 11. Continuous Assessment (Unit Test) Total External Examiner 1. Tuning of instrument and questions regarding	10 4 4 4 4 5
10. Details regarding different techniques of play 11. Continuous Assessment (Unit Test) Total External Examiner 1. Tuning of instrument and questions regarding instrument	10 4 4 4 4 5 Total 70
10. Details regarding different techniques of play 11. Continuous Assessment (Unit Test) Total External Examiner 1. Tuning of instrument and questions regarding instrument 2. Choice tala	10 4 4 4 4 5 Total 70
10. Details regarding different techniques of play 11. Continuous Assessment (Unit Test) Total External Examiner 1. Tuning of instrument and questions regarding instrument 2. Choice tala 3. Tala of Examiner's choice	10 4 4 4 4 5 Total 70
10. Details regarding different techniques of play 11. Continuous Assessment (Unit Test) Total External Examiner 1. Tuning of instrument and questions regarding instrument 2. Choice tala 3. Tala of Examiner's choice Internal Examiner	10 4 4 4 4 5 Total 70 10 15
10. Details regarding different techniques of play 11. Continuous Assessment (Unit Test) Total External Examiner 1. Tuning of instrument and questions regarding instrument 2. Choice tala 3. Tala of Examiner's choice Internal Examiner 4. Reciting the sollukattu with talas.	10 4 4 4 4 5 Total 70 10 15 10
10. Details regarding different techniques of play 11. Continuous Assessment (Unit Test) Total External Examiner 1. Tuning of instrument and questions regarding instrument 2. Choice tala 3. Tala of Examiner's choice Internal Examiner	10 4 4 4 4 5 Total 70 10 15 10

						6. Accompanying Trikalam and other pallavi techniques, and Tillanas	10
						7. Questions regarding laya and tala	4
						8. Continuous Assessment (Unit Test)	5
						Total	70
						External Examiner	
						1. Nature and Object Study	20
						2. Painting Composition Internal Examiner	15
9	120	ड्राइंग एवं पेंटिग	70	23	6 घण्टे	3. Painting Composition	5
9	120	व्राइग एवं पाटग	70	23	6 400	4. Sessional Work	15
						5. Viva	10
						6. Continuous Assessment (Unit Test)	5
						Total	70
						External Examiner	
						Two Practicals (4 marks for conduct of practicals and 8 marks for reporting)	12
10	122	मनोविज्ञान	30	10	3 घण्टे	2. Viva Voice (Case Profile & Two Practicals)	3
						Internal Examiner	
						1. Practical File and Case Profile	10
						2. Continuous Assessment (Unit Test) Total	5
					1	External Examiner	30
						ग्रिड पद्धति External Examine	2
						दिक्मान परिभाषा एवं प्रकार	3
						दिक्मान का परस्पर परिवर्तन	3
						सर्विस प्रोटेक्टर	3
11	126	सैन्य विज्ञान	30	10	3 घण्टे	मौखिक	4
						Internal Examiner रिकार्ड फाइल	
						दिशायें ज्ञात करने की विधियां	<u>5</u>
						सैन्य अधिकारियों के पदचिन्ह	2
						सतत मूल्यांकन (इकाई परीक्षा)	5
						Total	30
						External Examiner	
						1.दिये गये खनिज का आपेक्षिक घनत्व ज्ञात क्रना 2. स्पॉटिंग-	3
						3 Fossils : Murex, Pectin, Area	3
						3 Minerals : Talc, Calcite, Quartz	3
						3. Rocks: Granite, Marble, Sand Stone	3
12	127	भूगर्भ विज्ञान	30	10	3 घण्टे	3. मौखिक	3
						Internal Examiner	
						4. मानचित्र 5. मॉडल–क्यूब, जिरकॉन, टेट्रा हेड्रान	2
						5. माडल-क्यूब, ाजरकान, टट्टा हड्रान 6 सत्रीय कार्य	<u>3</u> 5
						7 सतत मूल्याकन (इकाई परीक्षा)	5
					<u>L</u>	Total	30
						External Examiner	
						1. Two experimens one from each section	4+4=8
						2. One activity (from any section)	4
						3. Viva based on experiments and activities Internal Examiner	3
13	129	भौतिक विज्ञान	30	10	४ घण्टे	4. Practical record (experiments and activities)	5
						Record of demonstration experiments and Viva based	
						on these experiments	5
						6.Continuous Assessment (Unit Test)	5
						Total	30
						External Examiner	
						1. Volumetric Analysis	5
						2. Salt Analysis	5
ı l				l	I	3. Content Based Experiment	3

14	120	रसायन विज्ञान	30	10	४ घण्टे	4.Viva	2
14	130	रसायन विशान	30	10	4 4 4 4 4	Internal Examiner	
						5. Investigatory Project	5
						6.Class record	5
						7. Continuous Assessment (Unit Test)	5
						Total	30
						External Examiner	
						1. One Major Experiment	4
						2. One Minor Experiment	4
						3. Slide Preparation	4
						4. Viva	3
15	131	जीव विज्ञान	30	10	४ घण्टे	Internal Examiner	
10	101	·		10		4. Spotting	5
						5. Practical Record	2
							3
						6. Investigatory Project and its Record	5
						7. Continuous Assessment (Unit Test)	
						Total	30
						External Examiner	
						1. बीज शैय्या का निमार्ण	10
						2. बीज, खाद, खरपतवार,यंत्र, फसलों की पहचान	10
		कृषि शस्य				3. मौखिक परीक्षा	5
16	134	विज्ञान (प्रथम	50	17	३ घण्टे	Internal Examiner	
		प्रश्न पत्र)				4. आंकिक प्रश्नों द्वारा खाद, परिकलन एवं आय—व्यय	14
						5. सत्रीय कार्य	6
						10 सतत मूल्याकन (इकाई परीक्षा)	5
						Total	50
						External Examiner	
						1. जड़ या तने की अनुप्रस्थ काट काटना	10
						2. स्पॉट पहचान (10 स्पॉट)	10
						3. मौखिक परीक्षा	5
		कृषि वनस्पति				Internal Examiner	
17	135	विज्ञान	50	17	३ घण्टे	4. पुष्प एवं पौधे की पहचान	0
		197111				सुन्न १५ नाव का परीक्षण स्वाप्त स्वा	8
							4
						6. सत्रीय कार्य	8
						7. सतत मूल्याकन (इकाई परीक्षा)	5
						Total	50
						External Examiner	
						1. एक प्रमुख प्रयोग	20
						2. मौखिक परीक्षा	5
18	136	कृषि भौतिकी एवं	50	17	3 घण्टे	Internal Examiner	
10	150	जलवायु विज्ञान	50	1,	-	3. एक सहायक प्रयोग	15
						4. सत्रीय कार्य	5
						5. सतत मूल्याकन (इकाई परीक्षा)	5
		<u> </u>		<u> </u>	<u>L</u>	Total	50
						External Examiner	
						1. कार्यशाला का अभ्यास	4
						2. यंत्रों का समायोजन	5
						3. अभियन्ता परिकलन (H P व एरिया परिकलन)	10
						5. मौखिक परीक्षा	6
19	137	कृषि अभियंत्रण	50	17	४ घण्टे	Internal Examiner	
						6. वस्तु पहचान	10
						7. सत्रीय कार्य	10
						8. सतत मूल्याकन (इकाई परीक्षा)	5
						8. सतत मूल्याकन (इकाइ पराक्षा) Total	50
					1	External Examiner	
						1. बीज शैय्या का निर्माण	7
ı		ı l		l	I	10 - 20 - 20 - 20 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	

1				I	1	2.(क) आंकिक प्रश्न द्वारा खाद की गणना करना।	6
						(ख) फसलों की सिंचाई से सम्बन्धित आंकिक प्रश्न	6
		कृषि शस्य				3. मौखिक परीक्षा	6
20	139	विज्ञान (षष्टम	50	17	3 घण्टे	Internal Examiner	-
	10)	प्रश्न पत्र)		1		4. बीज, खर–पतवार, खाद तथा फसलों की पहचान	10
						5. प्रोजेक्ट कार्य	5
						6. अभ्यास पुस्तिका	5
						7. सतत मूल्याकन (इकाई परीक्षा)	5
						Total	50
						External Examiner	
						1. जन्तुओं एवं वस्तुओं की पहचान	7
							5
							7
						4. मौखिक परीक्षा	6
21	141	कृषि जन्तु विज्ञान	50	17	3 घण्टे	Internal Examiner	
		पिशांग				4. अभ्यास पुस्तिका	5
						5. प्रोजेक्ट कार्य	8
						6. सत्रीय कार्य	7
						7. सतत मूल्याकन (इकाई परीक्षा)	5
						Total	50
						External Examiner	
						S	
						प्रापटे Internal Examiner 4. अभ्यास पुरितका 5. प्रोजेक्ट कार्य 6. सत्रीय कार्य 7. सतत मूल्याकन (इकाई परीक्षा) Total External Examiner 1. संतुलित आहर परिकलन (क) गाय/औसर के लिए (ख) भैस/बैल/बकरी के लिए 2. पशु प्रबन्ध/पशु चिकित्सा (क) नाड़ी, श्वसन, तापक्रम ज्ञात करना (ख) पशु नियंत्रण तथा उसे गिराना	5
							5
						2. पशु प्रबन्ध / पशु चिकित्सा	
							4
		कृषि पशुपालन					4
22	142	एवं पशु चिकित्सा	50	17	3 घण्टे	3. मौखिक परीक्षा	7
		विज्ञान				(ख) भैस / बैल / बकरी के लिए 2. पशु प्रबन्ध / पशु चिकित्सा (क) नाड़ी, श्वसन, तापक्रम ज्ञात करना (ख) पशु नियंत्रण तथा उसे गिराना 3. मौखिक परीक्षा Internal Examiner 4. पशुओं के वाह्य अंगो की पहचान 5. आहार परिकलन 6. खाद्य पदार्थ, औषधि, चारों व पशु चिकित्सा सम्बन्धी यंत्र 6. अभ्यास पुरितका 7. सतत मूल्याकन (इकाई परीक्षा)	
							4
							4
							5
							7
					3. मौखिक परीक्षा Internal Examiner 4. पशुओं के वाह्य अंगो की पहचान 5. आहार परिकलन 6. खाद्य पदार्थ, औषधि, चारों व पशु चिकित्सा सम्बन्धी यंत्र 6. अभ्यास पुस्तिका 7. सतत मूल्याकन (इकाई परीक्षा) Total	5	
							50
							-
							6
							5
							6
22	1.42	कृषि रसायन	50	1.7			8
23	143	विज्ञान	50	17	४ घण्टे	Internal Examiner	10
						 रसायनों का अपचयन व उपचयन सत्रीय कार्य 	10
						6. सत्राय कीय 7. अभ्यास पुस्तिका	5
							5
				1		8. सतत मूल्याकन (इकाई परीक्षा) Total	50
					+	External Examiner	30
						1. Programming in Python (60% logic+ 20%	8
						documentation+ 20 %code quality)	
						2. SQL Commands	4
						3. Viva Voce	3
						Internal Examiner	
						4. Project Work (using concepts learnt in Classes 11 and	5
2.4	144	कम्प्यटर विज्ञान	30	10	3 घण्टे	and 12)	

		MirSQIone tMir	eport File- nimum 15 Python programs. L Queries – Minimum 5 sets using table / two tables. nimum 4 programs based on Python - connectivity	5
		6. Co	ntinuous Assessment(Unit Test)	5
			Total	30