

शालेय वर्षे २०२०-२१ करिता मूल्यमापन /परीक्षा यातून वगळण्यात आलेल्या पाठ्य घटकांची यादी

विषय: Micro irrigation technician (G 8) (class-11th)
थेअरी अभ्यासक्रम

अनु. क्र	युनिट कोड	युनिटचे नाव	उपघटक क्रमांक	वगळण्यात आलेल्या उपघटकाचे नाव	विद्यार्थी /शिक्षक हस्तपुस्तिका पान क्रमांक	वगळलेल्या आशयाबद्दल अभिप्राय/सूचना
Part- 'A' Employability skills						
१	Unit-1	Communication skill	Session-7	Writing skills-part of speech	31-39	Self Study
२	Unit-1	Communication skill	Session-8	Writing skills-Sentences	39-45	Self Study
३	Unit-1	Communication skill	Session-9	Greeting and introduction	45-49	Self Study
४	Unit-1	Communication skill	Session-10	Talking about self	49-53	Self Study
५	Unit-1	Communication skill	Session-11	Asking questions	53-57	Self Study
६	Unit-1	Communication skill	Session-12	Talking about family	57-62	Self Study
७	Unit-1	Communication skill	Session-13	Describing habits and routines	62-65	Self Study
८	Unit-1	Communication skill	Session-14	asking for directions	65-69	Self Study
९	Unit-2	Self management skills	Session 2	Grooming	77-80	Self Study
१०			session-3	Personal hygiene	80-85	Self Study
११	Unit-3	Information & communication technology skills	session-4	Formating text in a word doccument	118-122	Self Study
१२	Unit-3	Information & communication technology skills	session-5	Checking spelling and grammer	122-126	Self Study
१३	Unit-3	Information & communication technology skills	Session-8	Tracking changes in libreoffice writter	133-137	Self Study
१४	Unit-4	Entrepreneurial skills	Session 4	Thinking like an entrepreneur	150-155	Self Study
१५	Unit-5	Green skills	Session-4	Government and private agencies	185-190	Self Study
Part- 'B' Vocational skills						

१	Unit-1	Introduction to Microirrigation System	2	Land Gradient and Suitability Notes of Irrigation System	19 to 22	Self Study
२	Unit-1	Introduction to Microirrigation System	3	Design and Layout of Microirrigation System	29 to 33	Self Study
३	Unit-2	Installation of Sprinkler Irrigation System	2	Tools and Material for Installation of Sprinkler Irrigation System	52 to 54	Self Study
४	Unit-2	Installation of Sprinkler Irrigation System	3	Classification and Suitability of Pumps	55 to 65	Self Study
५	Unit-3	Operation and Maintenance of Microirrigation System	2	Operation and Monitoring of Sprinkler Irrigation System	67 to 68	Self Study
६	Unit-3	Operation and Maintenance of Microirrigation System	3	Maintenance of Drip Irrigation System	79 to 83	Self Study

शालेय वर्ष २०२०-२१ करिता मूल्यमापन /परीक्षा यातून वगळण्यात आलेल्या पाठ्य घटकांची यादी

विषय: Micro irrigation technician (G 8) (class-11th)

प्रात्यक्षिक अभ्यासक्रम

अनु. क्र	युनिट कोड	घटकाचे नाव	प्रात्यक्षिक क्रमांक	वगळण्यात आलेला आशय तपशील/ प्रात्यक्षिकाचे नाव	विद्यार्थी /शिक्षक हस्तपुस्तिका पान क्रमांक	वगळलेल्या आशयाबद्दल अभिप्राय/सूचना
----------	-----------	------------	----------------------	---	---	------------------------------------

Part- 'A' Employability skills

1	Unit-1	Communication skill	Session-7	Writing skills-part of speech	31-39	Self Study
2	Unit-1	Communication skill	Session-8	Writing skills-Sentences	39-45	Self Study
3	Unit-1	Communication skill	Session-9	Greeting and introduction	45-49	Self Study
4	Unit-1	Communication skill	Session-10	Talking about self	49-53	Self Study
5	Unit-1	Communication skill	Session-11	Asking questions	53-57	Self Study
6	Unit-1	Communication skill	Session-12	Talking about family	57-62	Self Study

7	Unit-1	Communication skill	Session-13	Describing habits and routines	62-65	Self Study
8	Unit-1	Communication skill	Session-14	asking for directions	65-69	Self Study
9	Unit-2	Self management skills	Session 2	Grooming	77-80	Self Study
10			session-3	Personal hygiene	80-85	Self Study
11	Unit-3	Information & communication technology skills	session-4	Formating text in a word doccument	118-122	Self Study
12	Unit-3	Information & communication technology skills	session-5	Checking spelling and grammer	122-126	Self Study
13	Unit-3	Information & communication technology skills	Session-8	Tracking changes in libreoffice writter	133-137	Self Study
14	Unit-4	Entrepreneurial skills	Session 4	Thinking like an entrepreneur	150-155	Self Study
15	Unit-5	Green skills	Session-4	Government and private agencies	185-190	Self Study
Part- 'B' Vocational skills						
१	1	Demonstrate the knowledge of the importance of microirrigation system	1	Visit to a an agricultural farm to study the various components of flood irrigation system and microirrigation system		Self Study
२	1	Demonstrate the knowledge of the importance of microirrigation system	2	Group discussion on the volume loss beyond root zone		Self Study
३	1	Identify land gradient and crops	1	Visit to a an agricultural farm to study the land gradient and the crops grown under microirrigation system		Self Study

୪	2	LAYOUT AND INSTALLATION OF SPRINKLER IRRIGATION SYSTEM	1	Visit to a an agricultural farm to study the various components of Sprinkler Irrigation System		Self Study
୫	2	Computation of head and power requirement of pump	1	Exercises on different head situation and calculation of power requirements of pumps		Self Study
୬	2	Perform prerequisite checks while installing	1	Visit to a farm for installation of sprinkler		Self Study
୭	2	Perform prerequisite checks while installing	2	Check whether the physical situation on site meets with the dimensions mentioned in design.		Self Study
୮	2	Perform prerequisite checks while installing	3	Check all the tools required for installation are available		Self Study
୯	3	Installation checks	1	Identification of the post installation checks and precautions adopted while performing them		Self Study
୧୦	3	MAINTENANCE OF SPRINKLER IRRIGATION SYSTEM	2	Monitor for differences in system pressure, extra overlapping, flow, monitor laterals, flush water gravity, monitor for mechanical damage, leakage, etc.		Self Study

११	4	Maintain the pump, filter and hydro-cyclone valves	3	Demonstration and maintenance of pump, hydro-cyclone, filters, valves, etc.	Self Study
१२	4	Maintain the distribution network and sprinkling devices	4	Demonstration of maintenance of distribution network, system flushing, periodic maintenance, and sprinkler nozzle maintenance	Self Study

टीप-१) शालेय वर्षे २०२०-२१ करिता प्राप्त होणाऱ्या मुल्यामापनातून **Micro irrigation technitian (G 8) (class-11th)** करिता वरील पाठ्याघटक वगळण्यात आले आहेत. अंतर्गत मूल्यमापन तसेच वार्षिक परीक्षामध्ये या घटकावर आधारीत प्रश्न विचारले जाऊ नयेत.

२) सदर मजकूर पायाभूत पाठ्यपुस्तकात अंतर्भूत आहे. म्हणजे तो त्या विषयाचा अभ्यासासाठी उपयोगी आहेच. पण शिकवण्यास पुरेसा वेळ नाही म्हणून तो विद्यार्थीना स्वयंअध्यानासाठी सोडला आहे. २०२०-२१ या वर्षाच्या परीक्षासाठी त्यावर प्रश्न येणार नाहीत. पुढील वर्षाच्या अभ्यासासाठी स्वयंअध्यानासाठी सोडलेला मजकूर उपयोगी असू शकेल विद्यार्थीनी त्याचा त्यांच्या सवडीने अभ्यास करायचा आहे.

शालेय वर्षे २०२०-२१ करिता मूल्यमापन /परीक्षा यातून वगळण्यात आलेल्या पाठ्य
घटकांची यादी

विषय: Micro irrigation technician (G 8) (class-12th)
थेअरी अभ्यासक्रम

अनु. क्र	युनिट कोड	युनिटचे नाव	उपघटक क्रमांक	वगळण्यात आलेल्या उपघटकाचे नाव	विद्यार्थी /शिक्षक हस्तपुस्तिका पान क्रमांक	वगळलेल्या आशयाबद्दल अभिप्राय/सूचना
Part- 'A' Employability skills						
२	Unit 1	Cumminicati skills III	2	Capitalisation rules / paragraph	9 to 10	Self study
२	Unit 2	Self managment skills	3	Common personality disorders	33 to 36	Self study
३	Unit 3	Information and communication technology	3	Using spreadsheet for addition / formate cell and content	50 to 54	Self study
४	Unit 4	Entrepreneurship skills	3	Interpersonal skills / organisational skills	96 to 104	Self study
५	Unit 5	Green Skills	2	Impotence of green jobs	119 to 121	Self study
Part- 'B' Vocational skills						
१	Unit-1	Layout and instalation of micro irrigation system	4	Perform prerequisite checks while installation of drip irrigation system		Self study
२	Unit-1	Layout and instalation of micro irrigation system	5	Check whether the physical situation on site meets with the dimensions mentioned in design		Self study
३	Unit-2	Maintanance of drip irrigation system	2	Key operating parameters to monitor drip irrigation system		Self study

४	Unit-2	Maintanance of drip irrigation system	4	Maintain the distribution network and emission devices		Self study
५	Unit-3	Occupational health, hygiene and first aid practices	1	Procedure and steps to be taken to report any accident, incident or problem without delay to an appropriate person		Self study
६	Unit-3	Occupational health, hygiene and first aid practices	2	Procedure for providing first aid in case of medical emergency		Self study
७	Unit-3	Occupational health, hygiene and first aid practices	3	Undertake physical and biological methods of treating waste materials		Self study

शालेय वर्षे २०२०-२१ करिता मूल्यमापन /परीक्षा यातून वगळण्यात आलेल्या पाठ्य घटकांची यादी

विषय: Micro irrigation technitian (G 8) (class-12th)

प्रात्यक्षिक अभ्यासक्रम

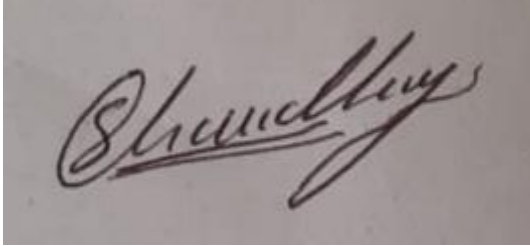
अनु. क्र	युनिट कोड	घटकाचे नाव	प्रात्यक्षिक क्रमांक	वगळण्यात आलेला आशय तपशील/ प्रात्यक्षिकाचे नाव	विद्यार्थी /शिक्षक हस्तपुस्तिका पान क्रमांक	वगळलेल्या आशयाबद्दल अभिप्राय/सूचना
Part- 'A' Employability skills						
१	Unit 1	Cumminicati skills III	2	Capitalisation rules / paragraph	9 to 10	Self study
२	Unit 2	Self managment skills	3	Common personality disorders	33 to 36	Self study
३	Unit 3	Information and communication technology	3	Using spreadsheet for addition / formate cell and content	50 to 54	Self study
४	Unit 4	Entrepreneurship skills	3	Interpersonal skills / organisational skills	96 to 104	Self study
५	Unit 5	Green Skills	2	Importance of green jobs	119 to 121	Self study
Part- 'B' Vocational skills						

१	1	Perform prerequisite checks while installation of drip irrigation system	4	Visit to a farm for installation of sprinkler irrigation system		Self study
२	1	Procedures and materials involved in installation of pipe network	6	Demonstration of procedure adopted for installation of pipe network:		Self study
३	1	Post check of installation	8	Identification of the post installation checks and precautions adopted while performing them		Self study
४	2	Monitor drip irrigation system	2	Monitoring for differences in system pressure flow		Self study
५	2	Maintain the Head Unit	3	Demonstration of maintenance of head unit: maintenance of hydro-cyclone filters, maintenance of sand / media filters, maintenance of screen filter, maintenance of disc filter		Self study

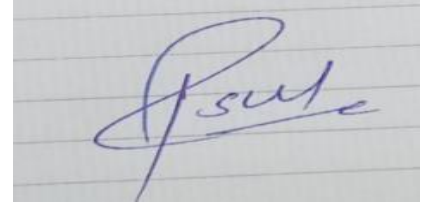
६	2	Maintain the distribution network and emission devices	4	Visit to a farm for demonstration of maintenance of distribution network and emission devices, system flushing, daily, weekly or fortnightly periodic maintenance, emitter's maintenance, etc.		Self study
७	3	Recognize and adopt strategies for preventing hazardous conditions and work practices	2	Demonstration of the correct and safe use of tools, equipment and materials		Self study
८	3	Administer first aid	2	Demonstration of first aid care for a conscious and an unconscious victim with an obstructed airway		Self study
९	3	Undertake physical and biological methods of treating waste materials	1	Disposing waste safely and correctly in a designated area		Self study

टीप- १) शालेय वर्षे २०२०-२१ करिता प्राप्त होणाऱ्या मुल्यामापनातून **Micro irrigation technician (G 8) (class-12th)** करिता वरील पाठ्याघटक वगळण्यात आले आहेत. अंतर्गत मूल्यमापन तसेच वार्षिक परीक्षामध्ये या घटकावर आधारीत प्रश्न विचारले जाऊ नयेत.

२) सदर मजकूर पायाभूत पाठ्यपुस्तकात अंतर्भूत आहे. म्हणजे तो त्या विषयाचा अभ्यासासाठी उपयोगी आहेच. पण शिकवण्यास पुरेसा वेळ नाही म्हणून तो विद्यार्थीना स्वयंअध्यानासाठी सोडला आहे. २०२०-२१ या वर्षाच्या परीक्षासाठी त्यावर प्रश्न येणार नाहीत. पुढील वर्षाच्या अभ्यासासाठी स्वयंअध्यानासाठी सोडलेला मजकूर उपयोगी असू शकेल विद्यार्थीनी त्याचा त्यांच्या सवडीने अभ्यास करायचा आहे.

A handwritten signature in black ink on a light-colored background. The signature is written in a cursive style and appears to read "Satish Chaudhari".

(Mr. Satish Chaudhari)

A handwritten signature in blue ink on lined paper. The signature is written in a cursive style and appears to read "Sul Keshav".

(Mr. Sul Keshav)