

वसंतराव नाईक मराठवाडा कृषि विद्यापीठ, परभणी

कार्यक्रम सहाय्यक (Lab. Technician) - लेखी परिक्षा — २०१९

दिनांक : १७-८-२०१९

एकूण प्रश्न : १००

वेळ : ११.०० ते ०१.००

एकूण गुण : २००

उत्तर तालिका (Answer Key)

Q. 1	Select the word nearest to the meaning of moist.			
	A.	Humid	B.	Cloudy
	C.	Torrid	D.	Rainy
Q. 2	Percentage of water used for metabolic process of crop is _____			
	A	< 1%	B	10%
	C	5%	D	20%
Q. 3	Entomo-pathogens are _____ causing organisms.			
	A	Disease	B	Pest
	C	Insect	D	None of these
Q. 4	Copying files from internet to your computer is called as _____			
	A	Downloading	B	Copy
	C	Uploading	D	None of these
Q. 5	Hasta Bahar flowering in acid lime is in the month of _____			
	A	January—February	B	June—July
	C	October—November	D	None of the above
Q. 6	Indian Council of Agricultural Research is a			
	A	Central institution	B	Autonomous society
	C	NGO	D	None of these
Q. 7	Pyrilla is the major pest of _____			
	A	Sorghum	B	Sunflower
	C	Sugarcane	D	Safflower
Q. 8	_____ is non-volatile type of memory			
	A	ROM	B	DVD
	C	RAM	D	None of these
Q. 9	In which experimental design, there are three errors?			
	A	RBD	B	Split plot
	C	Strip plot	D	None of these

Q. 10	Which crop is generally sown to restore and maintain soil fertility?			
	A	Sorghum	B	Maize
	C	Pulses	D	Sugarcane
Q. 11	The first state Agricultural University of India is _____			
	A	PAU, Ludhiana	B	GBPUAT, Pantnagar
	C	OUAT, Bhubaneshwar	D	GAU, Gujarat
Q. 12	1 hectare-cm of irrigation is equal to _____			
	A	1000 litres	B	10000 litres
	C	100000 litres	D	1000000000 litres
Q. 13	The term Evergreen Revolution was given by _____			
	A	Dr. R.S. Paroda	B	Dr. M.S. Swaminathan
	C	Dr. N. E. Borlouge	D	Dr. V.L. Chopra
Q. 14	Bougainvillaea belongs to family _____			
	A	Nyctaginaceae	B	Rosaceae
	C	Combxtaceae	D	Apocynacea
Q. 15	_____ M.B. plough turns furrow slice to the right or left side of direction of travel as required			
	A	Turn wrest plough	B	One way plough
	C	Two way plough	D	None of these
Q. 16	_____ reduces run-off and soil loss.			
	A	Mulching	B	Contour farming
	C	Sowing across the slope	D	All of these
Q. 17	The basis of farm budgeting is _____			
	A	Production function analysis	B	Linear programming
	C	Cost-benefit analysis	D	Farm planning

Q. 18	Water held tightly to the surface of soil particles by adsorption forces is known as _____ water			
	A	Capillary	B	Gravitational
	C	Hygroscopic	D	None of these
Q. 19	Conservation tillage is also known as _____			
	A	Stubble mulch tillage	B	Eco fallow
	C	Reduced tillage	D	All of these
Q. 20	_____ device is used to give alphabet, number, special key as input to computer.			
	A	Mouse	B	Scanner
	C	Keyboard	D	None of these
Q. 21	The term Scion and Rootstock are used in _____.			
	A	Air layering	B	Grafting
	C	Cutting	D	Transplanting
Q. 22	A crop that can supply oil for petrochemicals _____			
	A	Neem	B	Rubber
	C	Macadamia	D	Jatropha
Q. 23	Which of the following is the fruit of family anacardiaceae?			
	A	Walnut	B	Carambola
	C	Phalsa	D	Cashewnut
Q. 24	Sudden heritable changes in characteristics of the plant is termed as _____			
	A	Selection	B	Mutation
	C	Hybridization	D	Introduction
Q. 25	Water contents under certain standard conditions are referred as _____.			
	A	Permanent wilting point	B	Oven dry weight
	C	Soil moisture constants	D	Air dry weight

Q. 26	Out of total area of India, it is necessary to have _____ per cent area under forest.			
	A	31	B	32
	C	30	D	33
Q. 27	The species having thin papery seed coat is _____			
	A	<i>Tectona grandis</i>	B	<i>Toona ciliata</i>
	C	<i>Terminalia tomentosa</i>	D	<i>Tamarindus indica</i>
Q. 28	<i>Carthamus tinctorius</i> is _____			
	A	Fodder crop	B	Tuber crop
	C	Oilseed crop	D	Vegetable crop
Q. 29	Arka sahan is cultivar of _____			
	A	Custard apple	B	Pomegranate
	C	Mango	D	Grape
Q. 30	_____ is the amount of water transpired by a crop in its growth, to produce unit weight of dry matter			
	A	Evaporation	B	Transpiration ratio
	C	Consumptive use	D	None of these
Q. 31	Which of the following apparatus is used in determination of field capacity and permanent wilting point of soil?			
	A	Tensiometer	B	Yoder's apparatus
	C	Pressure plate membrane apparatus	D	None of these
Q. 32	Impact of green house effect is _____ .			
	A	global warming	B	ice melting
	C	Sea formation	D	Sea level rise
Q. 33	_____ is a machine to cut herbage crops and leave them in swath.			
	A	Mower	B	Reaper
	C	Windrower	D	Sickle

Q. 34	Plant dependent on other plants for food and shelter is called _____.			
	A	Mutual	B	Commensalism
	C	Parasite	D	Saprophyte
Q. 35	A uniform inter-breeding population spread over time and space is called ____.			
	A	Species	B	Plant
	C	Vegetation	D	Flora
Q. 36	Ground water table is measured by _____.			
	A	Tensiometer	B	Piezometer
	C	Pressure plate	D	Neutron probe
Q. 37	Polythene bags, tubes and earthen pots are _____.			
	A	Planting methods	B	Nursery containers
	C	Planting pattern	D	None of these
Q. 38	Art and science of raring trees			
	A	Penology	B	Silviculture
	C	Afforestation	D	Regeneration
Q. 39	Correlation coefficient lies between the range _____			
	A	0 to 1	B	-1 to +1
	C	-1 to 0	D	None of these
Q. 40	Memory used to store run time data, application program and operating system is _____			
	A	ROM	B	Compact disk
	C	RAM	D	None of these
Q. 41	Which is following features of presentation software?			
	A	Animation	B	Outlining
	C	Sound and video	D	All of these
Q. 42	The species suitable for coastal land afforestation is _____.			
	A	<i>Casuariana equisetifolia</i>	B	<i>Salix alba</i>
	C	A and B both	D	None of these

Q. 43	Lady bird beetle grubs are _____			
	A	lizard shaped	B	alligator shaped
	C	snake shaped	D	None of these
Q. 44	Trichogramma chilonis is _____.			
	A	Larval-parasitoids	B	Egg-parasitoids
	C	Coccinellids	D	None of these
Q. 45	Which of the following instrument is used for determination of available K in soil?			
	A	Colorimeter	B	Flame photometer
	C	Spectrophotometer	D	Potentiometer
Q. 46	A cutting taken from past season mature woody shoots is called as _____			
	A	Hard wood cutting	B	Soft woodcutting
	C	Semihard wood cutting	D	None of these
Q. 47	The -ve logarithm of H ⁺ ion concentration is called.			
	A	pF	B	Soil basicity
	C	Soil acidity	D	pH
Q. 48	The _____ texture soil have major problem of drainage.			
	A	Coarse	B	sandy loam
	C	Fine	D	both A & B
Q. 49	Which of the following is not a instrument for setting out right angle to a survey line?			
	A	Cross staff	B	Optical square
	C	Plumbing fork	D	Chain
Q. 50	Structure used to measure water flow from pipe is _____			
	A	Parshall flume	B	V-notch
	C	Cut-throat flume	D	Venturi meter

Q. 51	_____ separator separates the grain as per their roundness.			
	A	Identified cylinder	B	Specific gravity
	C	Spiral	D	Destoner
Q. 52	Which is the most important line in a survey work?			
	A	Baseline	B	Check line
	C	Tie line	D	None of these
Q. 53	Which is the chief active ingredient of the medicinal value of the Bael ?			
	A	Annonine	B	Marmelosin
	C	Ficin	D	None of the above
Q. 54	EDTA means _____			
	A	Ethyl diethylene tri amino acid	B	Ethylene diamine tetra acetic acid
	C	Ethyl methyl dicalcium tetra boric acid	D	Ethylene diamine tetra amino acid
Q. 55	The process of preparing an air-fuel mixture away from the cylinder of an engine is called _____			
	A	Carburetion	B	Ignition
	C	Detonations	D	None of these
Q. 56	_____ is preferred where seeds are drilled directly into uncultivated field.			
	A	Zero till drill	B	Seed cum fertilizer drill
	C	Low seed drill	D	Tifan
Q. 57	Chemical present in turmeric is _____ .			
	A	Cineol	B	Curcumin
	C	Zingiberene	D	Linalool
Q. 58	Lalit is a variety of _____			
	A	Grape	B	Guava
	C	Mango	D	Apple

Q. 59	Term 'Two leaf and one bud' is related with _____			
	A	Coffee	B	Cocoa
	C	Tea	D	Tobacco
Q. 60	The plants with male and female flowers on different plants are called_____plants.			
	A	Dioecious	B	Dichogamy
	C	Dicot	D	Diclity
Q. 61	खानदेशी (अहिराणी) बोलीत रसाळ व प्रासादिक रचना करणा—या ————— या कवियत्रीस 'निसर्गकन्या' म्हणुन गौरविले जाते.			
	A	विभावरी शिरूरकर	B	बहिणाबाई चौधरी
	C	दूर्गा भागवत	D	यापैकी नाही
Q. 62	The drunkard was very drunk. Identify the tense			
	A	Simple tense	B	Simplepast
	C	Past perfect	D	Present perfect
Q. 63	Give a single word for a person who eats all types of food.			
	A	Herbivore	B	Carnivore
	C	Omnivore	D	All rounder
Q. 64	The function will take place _____ 8.00 a.m. _____ 10.00 a.m. Choose the correct alternative			
	A	from, and	B	since, to
	C	till, and	D	between, and
Q. 65	Find the appropriate meaning of the word 'Embarrassing'.			
	A	Domination	B	Insult
	C	Make person feel awkward	D	Pity
Q. 66	मनस् + पटल हा कोणत्या शब्दाचा विग्रह आहे.			
	A	मनःपटल	B	मनसपटल
	C	मनोपटल	D	मनपटल

Q. 67	‘आम्ही गहू खातो’ या वाक्याचा अर्थ कोणत्या शब्द शक्तीद्वारे समजून घ्यावा लागतो.			
	A	आर्थी व्यंजना	B	अभिधा
	C	व्यंजना	D	लक्षणा
Q. 68	‘Listen carefully’ . The mood in which the verb is used in the sentence is			
	A	Subjective	B	Indicative
	C	Imperative	D	Interrogative
Q. 69	Which one of the following words is not an adverb?			
	A	frequently	B	always
	C	happy	D	Fast
Q. 70	‘ज्ञानपीठ’ पुरस्काराचे मानकरी ठरलेले पहिले मराठी साहित्यीक होय			
	A	वि.स. खांडेकर	B	वि.वा. शिरवाडकर
	C	वि.दा. करंदीकर	D	डॉ. भालचंद्र नेमाडे
Q. 71	विरुद्धार्थी शब्द लिहा “अग्रज”			
	A	वंशज	B	पूर्वज
	C	मनोज	D	अनुज
Q. 72	Choose the following the verb form of ‘liberty’			
	A	Libertine	B	Liberation
	C	Liberality	D	Liberate
Q. 73	Write an adjective form of ‘distinction’			
	A	Distinctive	B	Distinctly
	C	Distinctness	D	Distinctively
Q. 74	Which of the following suffixes is not a class-changing suffix?			
	A	_____ ment	B	_____ ness
	C	_____ hood	D	_____ ly
Q. 75	‘देवा मला चांगली बुद्धी दे’ या वाक्याचा प्रकार ओळखा –			
	A	स्वार्थी	B	विध्यर्थी
	C	आज्ञार्थी	D	संकेतार्थी

Q. 76	‘व्दिज’ शब्दाचा अर्थ आहे			
	A	दात	B	हात
	C	ओठ	D	यापैकी नाही
Q. 77	Find out the correct sentence of past progressive tense.			
	A	Lata will be singing a film song	B	Lata had been signing a film song
	C	Lata will singing a film song	D	Lata is singing a film song
Q. 78	“आता विश्वात्मके देवे” यात ‘देवे’ शब्दाची विभक्ती कोणती?			
	A	व्दितीया	B	तृतीया
	C	षष्ठी	D	सप्तमी
Q. 79	महान राष्ट्र – महाराष्ट्र या शब्दाचा समास ओळखा			
	A	तत्पुरुष	B	अव्ययीभाव
	C	बहुव्रीही	D	कर्मधारय
Q. 80	‘अत्तर’, ‘पेशवा’, ‘पोशाख’ हे शब्द कोणत्या भाषेतील आहेत?			
	A	अरबी	B	फारसी
	C	पोर्तुगीज	D	कानडी
Q. 81	माथेरान हे थंड हवेचे ठिकाण महाराष्ट्रात कोणत्या जिल्हयात आहे?			
	A	रायगड	B	रत्नागिरी
	C	ठाणे	D	मुंबई
Q. 82	रयत शिक्षण संस्थेची स्थापना कोणी केली होती?			
	A	छत्रपती शाहु महाराज	B	कर्मवीर भाऊराव पाटील
	C	वि.रा. शिंदे	D	वसंतदादा पाटील

Q. 83	खालीलपैकी कोणाचा जन्मदिन हा शिक्षक दिन म्हणून साजरा करतात			
	A	महात्मा गांधी	B	पं.जवाहरलाल नेहरू
	C	डॉ. बाबासाहेब आंबेडकर	D	डॉ. सर्वपल्ली राधाकृष्णन
Q. 84	'ग्रामगीता' कोणी लिहिली आहे?			
	A	संत गाडगे महाराज	B	संत तुकाराम महाराज
	C	संत तुकडोजी महाराज	D	विनोबा भावे
Q. 85	'स्वच्छ भारत अभियान' कोणाच्या जन्मदिनी सुरू करण्यात आले आहे?			
	A	सरदार पटेल	B	महात्मा फुले
	C	महात्मा गांधी	D	संत गाडगे महाराज
Q. 86	खालीलपैकी भारताचे राष्ट्रीय बोधवाक्य कोणते आहे?			
	A	आराम हराम है	B	जयजवान जयकिसान
	C	सत्यमेव जयते	D	जय विज्ञान
Q. 87	आपल्या राष्ट्रध्वजाच्या मध्यभागी असलेल्या अशोक चक्रामध्ये एकुण आरे किती आहे?			
	A	२०	B	२२
	C	२४	D	२६
Q. 88	ताजुद्दीन बाबा यांचा दर्गा महाराष्ट्रात कोठे स्थित आहे?			
	A	औरंगाबाद	B	मंगरूळपीर
	C	सैलानी	D	नागपूर
Q. 89	भारतात 'राष्ट्रीय युवक दिन' कधी साजरा केला जातो?			
	A	१२ जानेवारी	B	१० जानेवारी
	C	०९ जानेवारी	D	१४ जानेवारी
Q. 90	भारतातील पहिल्या महिला लोकसभा सभापती कोण होत्या?			
	A	सुमित्रा महाजन	B	मीरा कुमार
	C	इंदिरा गांधी	D	सरोजीनी नायडू

Q. 91	$-2 \times -3 \times 2 = ?$			
	A	+ १२	B	-१२
	C	१०	D	यापैकी नाही
Q. 92	$2 - (-4) = ?$			
	A	-३	B	-७
	C	७	D	यापैकी नाही
Q. 93	कोणत्या संख्येला ४ ने पूर्ण भाग जातो?			
	A	२४५३२	B	३२४०३४
	C	३१४५६७	D	२१२१२१
Q. 94	३२ व ८० च्या लसावि १६० आहे, तर मसावि किती?			
	A	१८	B	२८
	C	३८	D	१६
Q. 95	३७ नंतर १० वी सम संख्या शोधा?			
	A	५६	B	४६
	C	६६	D	७६
Q. 96	१८० जाईची व २७० गुलाबाची फुले आहेत. त्यांचे सारखीच फुले असणारे हार तयार करावयाचे आहेत. तर प्रत्येक हारात जास्तीत जास्त किती फुले असावीत?			
	A	६०	B	३०
	C	९०	D	यापैकी नाही
Q. 97	दोन संख्यांचा गुणाकार २२४ आहे. त्यातील एक संख्या ४ चा वर्ग आहे तर दुसरी संख्या कोणती?			
	A	१६	B	२६
	C	१४	D	१८

Q. 98	छोन संख्या $6x$ व $7x$ आहेत व त्यांचा मसावि १४ व लसावि १६८ आहे, तर $x = ?$ किती = ?			
	A	४९	B	४८
	C	७	D	९
Q. 99	१२, १५, २० या संख्याची कोणत्या लहान संख्येस भागल्यास बाकी ५ उरते?			
	A	६०	B	६५
	C	७०	D	८५
Q. 100	७० ते ७०% = ?			
	A	४९	B	०.४९
	C	४.९	D	३.९

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(कच्या कामासाठी जागा)