

## Regional Institute of Education Bhubaneswar, Odisha

# **2.4.13** Comprehensive appraisal of interns' performance is in place. The criteria used for assessment include

- 1. Effectiveness in class room teaching
- 2. Competency acquired in evaluation process in schools
- 3. Involvement in various activities of schools
- 4. Regularity, initiative and commitment

## **1.Effectiveness in class room teaching**

Activity	Component	Minimum Number	Internship Maximum Marks	Internal-by the faculty of the Institute	External by the Mentor School Teachers and Head Teachers
1	student teachers in group (16-17 students (	2 criticism lesson (1 in each pedagogy course)	10 (5+5)	10	-
2		10 (05 in PC-1 and 05 in PC-2)	10(5+5)	10	
3	Linit Plan	2 in each subject/pedagogy	10 (5+5)	10	
4 (A)	Lesson Plan (PC-1)	50 Lesson Plan 10 Lesson Notes	10	10	
(B)	Lesson Plan(PC-2)	50 Lesson Plan 10 Lesson Notes	10	10	
5	Classroom observation record of peers	20 Lesson (10 in PC-1 and 10 in PC-2)	10 (5+5)	10	-
6	Records of participation/organization in curricular activities	1	10	10	-
7	Records of school profile	1	10	10	-
8	Action Research	1	20	20	
9	Student Assessment Records	2 (one for each subject)	20 (10+10)	20	
10	Teaching Learning Resources	All	10 (5+5)	-	10
	Reflective Diary	1	10	10	-
11	Assessment by mentor teacher(s)/HM/Principal /Inst supervisors based on overall performance in school including teaching and participation in other school activities	i 1 and 60 lesson in PC-2	80	40= (PC 1(20)+ PC-2(20	)) 1(20)+ PC-2(20)
13	Overall Assessment of Trainee by Head Teacher/Principal	1	10		10
14	Presentation of reflections on internship experiences (Post Internship)	p	20	20	
	Total for III Semester		250	N 190	60

Protessor Department of Education Regional Institute of Education National Council of Education Sachivalaya Marg. Bhubaneswar-751022



क्षेत्रीय शिक्षा संस्थान, भुवनेश्वर REGIONAL INSTITUTE OF EDUCATION, BHUBANESWAR-751022 (साष्ट्रीय शैक्षिक अनुसंधान और प्रशिक्षण परिषद) (National Council of Educational Research & Training)

## 2 Year B.Ed. (Arts), 2nd Year (Sem-III) - 2018-19 (EF 3 INTERNSHIP)

Marks of Different Activities

Sl. No	Roll No,	Nama	1 (10)	2 (10)	3 (10)	4.A (10)	4.B (10)	5 (10)	6 (10)	7 (10)	8 (20)	9 (20)	10 (10)	11 (10)	12.A.1 (20)	12.A.2 (20)	12.B.1 (20)	12.B.2 (20)	13 (10)	14 (20)	Total (250)
1	1	Abhipsa Sahoo	8	9	8	9	8	8	9	9	18	16	0	9	17	17	18	19	9	17	217
2	2	Abhisek Panda	8	8	7	9	8	6	6	7	17	13	9	8	17	17	16	17	6	16	195
3	3	Abhishek Pratap Gohil	8	9	8	8	9	8	7	9	18	16	9	8	17	16	17	17	6	17	207
4	4	Aditya Majee	8	8	7	8	7	7	7	7	17	12	8	8	16	16	16	16	7	17	192
5	5	Aiswarya Rath	9	9	8	8	9	7	8	8	18	13	9	7	18	17	19	19	9	17	212
6	6	Anamika Mishra	8	8	8	9	9	8	9	9	18	12	9	7	18	17	19	18	9	16	211
7	7	Anil Kumar Das	8	1	7	7	6	7	5	7	16	12	8	8	17	17	18	18	9	16	193
8	8	Anita Rath	8	8	8	8	9	8	9	9	17	13	9	8	17	17	17	18	7	16	206
9	9	Ankita Chatterjee	8	8	8	9	9	7	9	8	17	10	6	8	17	18	17	17	9	16	201
10	10	Annushree	8	8	8	8	8	7	9	8	16	10	6	7	17	16	16	17	9,5	16	195
11	11	Arnab Kumar Beura	8	9	7	9	7	9	8	8	17	11	9	8	19	19	18	18	9.5	16	210
12	12	Arpita Hansda	8	8	7	8	8	7	7	9	18	11	9	8	17	17	17	18	5	16	198
13	13	Basanti Behera	7	7	7	7	7	8	8	8	16	10	9	7	16	16	17	16	7	14	187
	14 [	Deepak Kumar	8	8	7	7	9	8	9	7	17	13	9	8	16	16	18	18.5	9	14	202
	and the second second	Dimple Kumari	8	7	8	8	9	8	9	8	17	11	8	7	17	17	19	19	9	15	204
-	_	ndira Patra	7	6	7	7	8	8	8	7	16	10	9	8	17	17	18	19	9	15	196
	-	sha Bairagi	9	9	8	8	9	8	9	9	19	14	9	8	18	18	19	19	8	17	218
Colored Street		ayashree Behera	8	8	8	8	8	6	8	7	17	16	9	8	17	17	18	17	1	16	203
-		ishan Kumar	8	8	7	7	7	1	6	8	16	15	8	8	18	17	19	19	9	16	203
-	and the second	umari Dipika	8	8	8	9	8	7	7	9	16	16	9	7	16	16	17	18	6	16	201

(I. P. Gowramma)

(R. K. Mohalik) (E. Gangmei)

(R. R. Sethy)

(P. Kishore) (S. Poddar)

(A. Kumar

(S. Kumar)

	_	Schole Intan	B.SC.B.				
			Assessment by mentor teacher(s)/HM/ Principal /Inst supervisors	Overall	Presentation of reflections on internship experiences (Post Internship)	Total Marks	
S.L No 1	Roll No	Name	120	40	20	350	
1	1	Abhinav Anand	110	38	17	304	
2	2	Abhishek Roy	115	36	15	313	
3	3	Aisha Afrin	115	32	15	317	
4	4	Akanksha Kumari	110	36	18	302	
5	5	Amit Mukherjee	115	38	16	312	
6	6	Ankit Roy	112	32	16	301	
7	7	Ankur Sarkar	110	40	17	306	
8	8	Aswin Adhikari Sharma	108	38	18	295	
9	9	Bapi Majhi	115	40	15	313	
10	10	Basana Bhakta	110	40	16	307	
11	11	Bidisha Jana	105	38	17	294	
12	12	Dewanshu Mishra	102	38	18	293	
13	13	Gaurav Kumar	104	38	18	280	
14	14	Gunjarani Lakra	115	36	16	311	
15	15	Jeevanjit Dash	110	36	17	288	
16	16	Kalpana Kumari	108	36	18	288	
17	17	Khusboo Kumari	107	37	17	288	
18	18	K. Sanjay Singh	100	32	18	262	
19	19	Kiran Kumari	108	38	16	300	
20	20	Krishanu Singha	115	40	15	318	
21	21	Kunal Kishore	108	32	18	296	
22	22	Lipika Kalindi	105	38	16	292	
		Monniesha Mohapatra	107	36	17	293	
		Jukesh Kumar Rout	112	36	16	304	
Cheller 1	11111 march 100	Naveen Rao	105	38	16	308	

	Contraction of the second	)					Unline	stitU राष्ट्रीय al Cou cience	TE OF रोक्षिक ncil of 1, 2nc	FEDU अनुसं FEduc FYear	ICATI धान औ cation r (Ser	al Res n-111)	क्षण प earch - 2020	& Tra -21 (1	aining	:-751022 )) RNSHI			·	-			
		125						N	larks	of Di	Herei	nt Act	ivinie.			12 4 1	12.4.2	12.B.1	12.B.2	13	14	Total	
	SI.	Ro	Name	1	2	3	4.A	4.B	5	6	7	8	9	10	п	12.4.1			18	10	16	210	
	No	No		0	ö	9	8	9	8	7	9	18	14	6	8	18	18	18	18	10	16	200	
	2	2	Ajit Kumar Anita	8	8	8	7	8	7	7	8	16	12	5	8	18	18	18	18	10	16	203	
	1	3	Aparna Barik	8	8	0	9	8	8	4	8	17	14	6	8	18	18	18	And in case of the local division of the loc	10	14	212	
	4	4	Ashish Kumar Dalei	8	8	9	9	9	8	8	9	17	15	9	7	18	18	18	18 18	10	16	208	
-	5	5	Bidisha Chakraborty	8	8	8	9	8	8	6	8	18	14	7	8	18	18	18	18	10	14	206	
e		6	Bijay Patri	8	8	9	9	8	7	8	9	16	15	6	7	18	18	18	18	10	16	212	
7	1	7	Buddhanath Behera	8	8	9	9	9	7	8	9	18	15	6	8	18	18	18 18	18	10	14	213	M
8		8	Dibyajyoti Prusty	8	8	9	8	8	9	7	9	17	17	10	1	18	18	distant in the second	18	10	16	210	1
9		9	Diptimayee Sahoo	8	8	9	9	8	7	6	9	17	16	7	8	18	18	18 18	18	10	16	203	M
10	1	10	Hari Shankar	8	8	7	7	9	7	7	9	15	14	6	8	18	18	18	18	10	16	220	W
11		11	Ipsita Mohanty	8	8	8	10	9	7	9	9	18	18	10	8	18	18	18	18	10	16	211	N
12		12	Iti Spardha	8	8	9	9	8	7	8	9	18	14	7	8	18	18	18	18	10	16	215	11
13	-		Kalyani Swain	8	8	9	9	8	8	9	9	18	16	7	8	18	18	18	18	10	16	209	in
14	-		Koyel Rana	8	8	8	8	8	9	6	9	17	16	6	8	18	18	18	18	10	16	210	n'
15			Lokesh Kumar	8	8	9	9	9	7	7	9	15	17	6	8	18	18	18	18	10	16	210	X
16	1	-	Noumita Murmu	8	8	8	9	9	7	8	8	18	15	6	8	18	18 18	10	18	10	16	209	-
17	1		Velufa Yasmin	8	8	7	7	8	9	6	9	18	17	6	8		18	18	18	10	20	219	0
18	11		)mkar Anwes	8	8	8	9	9	9	6	9	19	14	8	10	1	18	18	18	10	16	208	N
19	19		awan Paswan	8	8	9	9	9	7	6	9	15	16	6	8		10	18	18	10		204	21
20	20		iyush Kumar	8	8	8	7	7	9	6	8	16	14	4	9	(a)(-	18	18	18	10			lu
			reetisudha Dash	8	8	9	9	9	8	8	9	18	15	7	8		18	-	000	10			12
21	21			8	8	8	9	8	7	8	9	18	14		8		14 Aug.		111	and the short have		1	-
22	22		iyanka Kumari	8	8	8	9	8	8	8	8	18	16	8	8	18	18	10	10	10	10	1	
13	23	Pu	ija Kumari KABZ	A	1	-	Do rque	abq d Ki	rwa)	<i>c</i> )		()	A	ms	/	Ally	relle		Fert	2 00	A.	Wilcon	/

		4 Yea	REGION	(Nation	(राष्ट्रा nal Coi S	UTE OF गैय शैक्षिक Juncil of STUDE	F EDUC क अनुसंध f Educa ENT LI	धान और प्री ational R IST : 2	N, BHU शिक्षण प Resear 2021-2	UBANE परिषद्) rch & Tr 22	raininq)	)	/	HI)				
R	<u>Roll Nc</u>	Hante of the oldberns	Particip, in cur. Act.(F.M-10)	School Profile(F.M-10)	Reflective Diary	Act. Rea.(20)	Unit Plan(20)	L P. (Pc-1)	L. D[pc-2]	Stu.Ass.(20)	Class.Obs. (20)	TLR(10)	PC-1(60)	PC-2(60)	ASS, BY PRINCIPAL(40)	REFLECTION(2 9]	DEMO.(10)	TOTAL
-	1	Abhishek Kumar Sharma	<u>6</u>	8	7	<u>16</u>	<u>17</u>	<u>18</u>	<u>17</u>	<u>14</u>	<u>17</u>	7	43	42	26	18	7	263
-	2	Aditya Bhargav	<u>6</u>	<u>8</u>	7	<u>16</u>	<u>16</u>	<u>15</u>	<u>16</u>	<u>14</u>	<u>18</u>	7	48	46	30	17	7	271
1	3	Aishi Bhuniya	<u>8</u>	<u>10</u>	9	<u>16</u>	<u>16</u>	<u>19.5</u>	<u>19</u>	<u>18</u>	<u>16</u>	8	50	50	27	18	7	292
4	+	Akshay Kumar Diwakar	7	<u>9</u>	8	<u>15</u>	<u>15</u>	<u>18</u>	<u>16</u>	<u>18.5</u>	<u>16</u>	8	52	43	29	19	8	282
5	1	Alisha Samal	9	<u>9</u>	9	<u>18</u>	<u>16</u>	<u>18</u>	<u>19</u>	<u>19</u>	<u>16</u>	7	42	45	28	16	6	277
6	A	Anjali Kumari	8	9	9	<u>19</u>	<u>17</u>	<u>19</u>	<u>19</u>	<u>18</u>	<u>16</u>	7	43	41	27	17	7	276
7	A	nkit Anand	7	8	8	<u>15</u>	<u>16</u>	17	<u>18</u>	14	<u>16</u>	8	52	51	32	2 15	8	28
8	An	noj Kumar Sah	7	<u>10</u>	6	<u>16</u>	<u>16</u>	<u>16</u>	<u>17</u>	<u>15</u>	<u>16</u>	9	50	52	2 31	1 19	8	28
9	An	shuman Pradhan	Z	<u>10</u>	7	<u>17</u>	<u>15</u>	<u>17</u>	<u>16</u>	17	17	8	3 48	8 48	8 21	9 17	7 6	5 27
10	Apr	rubananda	Z	9	8	<u>16</u>	<u>16</u>	<u>16</u>	<u>16</u>	17	17	S	9 54	4 51	1 3	32 11	9 9	9 2
11	Arc	hana Sharma	<u>8.5</u>	9	8	<u>17</u>	<u>16</u>	<u>19</u>	<u>19</u>	<u>17</u>	<u>16</u>	1	9 44	4 50	0 3	33 1	9 9	9 2
	Arna	ab Karmakar	<u>6</u>	I	9	<u>15</u>	<u>15</u>	<u>18.5</u>	<u>19</u>	<u>18</u>	<u>16</u>		7 4	5 4	8 1	22 1	17	6 2
	3		1	9	·R	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	tor	<u>18.5</u>	in a land	لر.	-	Alex	2	d.	3	ŗ	and	1

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			2 Yea	r B.E	d. (S	cience	e), 2n	d Ye	ar (S	em-l	II)-	202	-29	.(IN	TER	NSHIP	)						
			Max				lark	ot D	liffer	ent	Activ	itie	\$										
			Mark	10	10	10	10	10	10	10	10	20	20	10	10	20	20	20	20	10	20	250	
SI. No	11.975	Mama	THEFT	1	2	3	4.A	4.B	5	6	7	8	9	10	11	12.A.1	12.A.2	12.B.1	12.B.	2 13	14	Tota	1
1	1	Aditi Dhali		7.5	7	8.5	8.5	7.5	8	8	8.5	17	19	8	8	20	20	17.5	17.5	9	15	215	i
2	2	Ajay Hembram		7,5	8	8	7.5	7.5	8	8	8	16	17	9	7.5	19	18	17.5	17.5				
3	3	Akash Thakur	-	7.5	8.5	7.5	8.5	8.5	7.5	7	8	15	18	9	8	18	18	17.5	17.				
4	4	Alibharani Sahu	-	8	8.5	8	8	8.5	7	7	8	16	17	7	8	17	18	17.5	17.				
5 6	5	Amarjeet Mishra		9	9	9	8	7.5	8	8	9	18	1000		8.5 8	19 20	19 20	17.5			0 1 9 1	9 24 6 2'	
7	6	Amisha Prasad		7.5	1	8	8	8.5 7.5	7.5 8	7	8.5	18	18	10.54	7.5		19	17.5					11
8	0	Amit Kumar Jena		7.5	1	8	8	1.0	7.5	6	0 8.5	17	10		8	17	18	17.5		.5			09
9	8	Amlan Das		7.5 7.5	8 8.5	8	8	8.5	8	8	0.0 R	17	1 17	8			18	17.		7.5			216
10	9 10	Amrita Kumari Mishra		7.5	8.5	8	9	9	8.5	8	8.5	18	3 17	1 8	8		19			7.5			217
11	11	Ankita Singh		6.5	7	6.5	7	6	6	6	6.5			5 6	1-2		16			7.5	5	16	183
	197	Ayan Pramanik Barkha Nandi		8	8.5	8	8	7.5	8	8	8	1			8	-	18	17	.5 1	7.5	8	18	211
		Bishnu Bibhab Dash	-	7.5	8	8	7	7	8	8	8	1	7 1	7 9	7	17	16	5 17	.5	17.5	8	16.5	204
				8	7	7.5	6.5	7	7	9	8	1	6 1	8	7 8	18	1	7 17		17.5	8	17	204
	WITE 1	Chandrima Mondal		7.5	8	7	8	8	8	8	6.	5 1	7 1	7	7 1	3 16	5 1		0.01	17.5	9	19	206
		Chinmaya		8	8	8.5	8.5	7.5	8	9	6.	5 1	8 1	7	9	8 18	3 1			17.5	8	18	214
		Debajani Gouda		8	7	7	8	8.5	8	-		1	7 1	8	9	8 1	Et/mile and		7.5	17.5	9	17.5	213
17 1		Dibyajyoti Dash		8	8	8	8.5	9	8	1.1		5 1	8 1	9	8	8 1			7.5	17.5		18.5	215
8 1	1000 B	imple Kumari	-	8.5	7	9	7	8	8		9	1	16 1	17	8		6 - L		7.5	17.5		17.5	213
9 19		ipti Patel	-	8	8	7.5	8	8	7	8		5	17	17	6	8 1	7		17.5	17.5		16.5	
20 20		autam Kumar			9	9	9.5	9.5	8.	5	9		18	18		8.5	7		17.5	17.		18	22
1 2		yashree Nayak		8.5	8	8.5		8.5	120.04	Sec. Sec.		5	18	18	7	8 1	9.5	19	17.5	17.	5 9		21
2 002	2 Jh	arna Pradhan		8.5	0	0.0	0.0	0.0		h		1		1							plato	">	
P		D	6	/	And a	A	20	~	1	R)	J'S	12	/		4	1/15	N.	5	20ral	6.5	.22	. 1	hur

LC-	1	- 1	_	2	Contra and the birt of the	A. A. C. A. A. C.	d Schem	e of Assess	ment s	6	7
Teaching	Les Plan (Rei	son ning	Develo of sch	opment eme of ons & vities	Reco	3 ord on vation of eaching	Achievem its ar identifica Learners	a stration of ent tests and natysis / tion of slow s / talented ildren	Record on School site and participation of School activities	Preparation of Instructional materials / Teaching aids exhibition Assessment of Activities of Pupil-Teachers by Head of School	Total Mark
	Sub -I	Sub-II	Sub-I	Sub-II	Sub -1	Sub-II	Suboli	Sub-II			
ax. Marks	35	35	10	10	10	10	10	10	10	10	150
oll No.			-	-	10	10	10	10	10	10	145
1	34	33	9	9	10	10	9	10	10	10	143
2	34	33	8		10	10	10	10	9	10	145
3	34	34	9	9	10	10	10	10	10	10	146
4	34	33	10	10	10	- 10	10	10	10	10	145
5	33	34	9	10	9	10	9	10	10	10	146
6	34	34	10	9	10	10	10	9	10	9	144
7	34	33	9	9	8	9	9	9	9	10	134
8	31	31	9	9	9	9	8	9	9	10	134
9	31	31	9	8	9	8	9	9	9	10	134
10	32	33	8	9	10	9	9	9	9	10	139
11	33	31	9	9	9	9	9	9	9	10	136
12	31	32	9	9	9	10	9	9	9	10	137
13	33	31	9	9	9	9	9	8	9	10	136
14	34	34	9	9	9	9	10	10	10	10	144
15	34	34	9	9	9	9	10	10	10	10	144
10	34	34	9	9	9	9	10	10	10	10	144
1/	34	34	9	9	9	9	9	10	10	10	143
19	34	34	9	9	.9	10	10	10	10	10	145
21	34	34	9	9	9	10	10	10	10	10	145
22	34	34	9	9	10	9	9	10	10	10	144
23	34	34	8	9	в	9	9	9	9	9	138
24	34	34		9	10	9	9	9	9	9	142
26	34	-		9	9	9	9	9	9	9	140
27	34	-	-	9	9	.9	9	9	9	9	140
28	34	-	-	9	9	9	9	9	9	9	140
29	34		_	9	- 9	8	9	9	9	9	139
30	34	34	9	9	9	9	9	9	9	8	139
31	34	-	9	9	10	10	10	10	10	10	145
32	33	-	8	9	10	10	9	10	10	10	143
33	34	_	-	9	10	10	10	10	10	10	146
34	33	_	-	10	9	9	10	9	10	10	144

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## 2. Competency acquired in evaluation process in schools

BIOLOGICAL SCIENCE Blue Print of Test 1:-Subject - Science Full Marks = 40 Chapters - 1 Crop Production and Managarent. Total Time = 1.5 has. 2. Micro-organisms: Friends & Foe. 3. Force and Bressure. class VIII ACTUAL DRAFT :-REMEMBERING SUBJECT UNDERSTANDING APPLICATION ANALYSIS LONG SHORT VERY CAN LONG SHORT VERY DBJ. ANS. ANS SHORT ANS ANS ANS ANS LONG SHORT VERY LONG SHORT VERY FORM OF OBJ. 083 QUESTIONS SHORT SHAT ANS ANS ANS ANS UNIT 1 -5 1×L Orop Production 2×1 =2 =2 and Management 5 UNIT 2-9 1+1= 202 ×, 1×1 Micro-organismo: Foriends and . 1 === =1 =9 2×2 Foe. WNIT 3-1 282 2×1= 4×1 FORCE and = 4 2 =4 Pressure 1 19 4 .4 2 I Total = (40) 3 1 06 > Weightage to Difficulty Level -10 of Marks Difficulty Level Marker Alloted · EASY 50% 20 16 40% · MODERATE 04 10%. · DIFFICULT

Deightage To Constituent Chapters -CHAP TERS No. of Questions Time Alloted Marks Crop Production and Management Micro-organisms: 09 30 minutes 08 13 15 30 minutes Friends & Foe. Force and Pressure 10 16 30 minutes TOTAL = 3 ! (Including 4 0. '90 minutes. . . . Neightage To Objectives -Objectives Marks Alloted Time · Remembering · Understanding 25 30 minutes 08 35 minutes Application 07 25 minutes · Analysis - - 1 Total = 40 90 minutes Durightage To Types of Questions -Types of Questions Marks Alloted Time Alloted . Objective Type 20 minutes 20 04 20 minutes · Very Short Answer 12 30 minutes · Short Answer Type 20 minutes 04 · Long Answer Type 40 90 minutes. Total =

ACHIEVEMENT TEST Question Paper :-Jawahar Navodaya Vidyalaya Class 8 Subject Science Section A (4x (5x)=20] (an!) Fill In the Blanks -(i) The supply of water to crops at regular intervals is called (ii) Undesirable plants are called as. (iii.) Disease causing microorganisms are called as \_ (iv.) When a disease carrying microbe enters our bady, the body produces -(v.) The strength of a force is usually expressed by its (on2.) State Whether these sentences are true or false. -(i) Tube well is a source of irrigation. (ii) Pumps are commonly used for lifting water. (iii) Musular force is a non-contact force. (iv.) Rhizobium lives in the root nodules of leguminuous plants. (v.) In the process of pasteurization, milk is heated up to 90°C (m. 3.) Match the following -Column A Column B (i.) Citrus Canker A.) Fluid Pressure. (ji.) Manometer (B.) Virus, (iii.) Rust of Wheat (c) Bacteria. (D.) Fungi. (iv.) Barometer (E.) Atmospheric Pressure (v.) Measles

Section - C [6 x 2 = 12] (Gn?) List any two advantages of manuse. (an 10.) Differentiate between contact and mon-contact forces. (m 11.) Describe the state of motion of an object. (Q12) What are communicable diseases? (@13) Explain fermentation. (an 14.) Differentiate between Rabi and Kharif crops. Section -D [4×1=4] (on 15.) Explain in detail the modern methods of irrigation.

ANSWER KEY DF CLASS 8 Question Tapor :-(2 1)(i) Irrigation. (ii) Weeds. (iii.) Pathagen (iv.) Artibodies Magnitude. (V.) (0, 2.) (i.) Tome. (ii) Tome. (iii.) False (iv.) True (V.) False (0,3) (i.) Citrus Canker - (C.) Bacteria - (A) Fluid Bressure - (B) Atmospheric Pressure (ii) Manometer (iii) Rust of Wheat - (D) Fungi (iv.) Barometer - (BE) Fluid Pressure Atmospheric Pressure (v.) Measles - (B) Virus (an 4.) (i.) (c.) Both A and B. (ii) (A) Sodium Benzoate (iii) (B) Streptomycin (iv.) (c) Both A and B (V.) Newton. Section B :-(on 5.) Reason - Vinegar prevents spoilage of pickles as bocteria cannot live in such an environment. (a6) Sugar reduces the moisture content which inhibits the growth of bacteria which spoil food.

(G. 7.) When we inhale, muscles increase the size of our chest cavity and expand our lungs. This increases their volume, so pressure inside the lung decreases. As a result, outside our suches into the lungs and lungs expand. (Q8.) The pressure can be increased by decreasing the surface Section - C :-(29.) . enhances water holding capacity makes soil porous due to which exchange of gases becomes easy.
it increases the number of friendly microbes
improves the texture of soil. direct contact No direct contact No Field linked Ato Always field limbed objects have two natural sate states of motion, At Rest and In Motion is, moving at a constant speed and direction (static equilibrium and dynamic equilibrium respectively) ) Communicable diseases are spread/transmitted from one person or animal to another or from a surface to a person via air, water, food or direct contact. Example- Common Cold, Cholera, Chickenpox, Tuberculosis. The process of conversion of sugar into alcohol is known as fermentation. Fermentation refers to the metabolic process by which organic molecules are converted into acids, gases or alcohol in the absence of oxygen or any electron transport chain.

Rabi Grop Kharif Grop Winter Season (October to March) Rainy Season (Tune to September) Wheat, grun, pea, mustared, linsed I wheat, gram, pea, Paddy, Maize, Soylean, Cotton, mustand and linseed. Groundnet  $\left[1 \times 4 = 4\right]$ Section D (an 15.) The main modern methods of irrigation are as follows -() Sprinkler System -- This system is more useful on the uneven land where sufficient water is not available. - The perpendicular pipes having rotating nozzles on top, are joined to the main pipeline at regular intervals. When - water is allowed to flow through the main pipe under pressure with the help of a pump, it exapes from the rotating nozzles. - It gets sprinkled on the crop as if it is raining. - Useful for lawns, coffee plantation and several other crops. (i) Drip System -- In this system, the water falls drop by drop directly near the roots. So, it is called drip system. - It is the best technique for watering fruit plants, gardens and trees, Water is not wasted at all. - It is a boon in regions where availability of water is poot.

## JAWAHAR NAVODAYA VIDYALAYA

## CLASS 8

## UNIT TEST

## SUBJECT SCIENCE

## SECTION A

## [4x(5x1)=20]

Full Marks [40]

1. Fill In the Blanksi.

- The supply of water to crops at regular intervals is called
- Undesirable plants are called as \_\_\_\_ ii.
- iii.
- Disease causing microorganisms are called as \_ iv.
- When a disease carrying microbe enters our body, the body produces
- v. The strength of a force is usually expresses by its \_

## 2. State whether these sentences are true or false-

- Tube well is a source of irrigation. i. ii.
- Pumps are commonly used for lifting water. iii.
- Muscular force is a non- contact force. iv.
- Rhizobium lives in the root nodules of leguminous plants. V.
- In the process of pasteurization, milk is heated up to 90 degree Celsius.

## 3. Match the following-

Column A

## Column B

- Citrus Canker i.
- ii. Manometer
- iй. Rust of Wheat
- iv. Barometer
- v. Measles

i.

## 4. Choose the correct Answer-

- The process of loosening and turning of the soil is called as
- A. Tilling
- B. Ploughing
- C. Both A and B
- D. None of the above
- Which of these is a preservative? ii.
  - A. Sodium Benzoate

- A. Fluid Pressure
- **B.** Virus
- C. Bacteria
- D. Fungi
- E. Atmospheric pressure

B. Sodium Bicarbonate

C. Sodium Hydroxide

D. Sodium Chloride

### iii.

- Which of the following is an antibiotic? A. Alcohol
- B. Streptomycin
- C. Sodium Meta bisulphate
- D. Yeast
- iv. What is force?
  - A. Push
  - B. Pull
  - C. Both A and B
- D. None of the Above.
  - What is the unit of Force?
- A. Watt

V.

- B. Pascal
- C. Joule
- D. Ohm

### SECTION B

### [4x1=4]

- 5. Why is Vinegar used in the preparation of pickle?
- 6. What role does sugar play in food preservation?
- 7. Why do our lungs expand during inhalation?
- 8. How can we increase the pressure by exerting same force?

#### SECTION C [6x2=12]

- 9. List ant two advantages of manure.
- 10. Differentiate between contact and non-contact forces.
- 11. Describe the state of motion of an object.
- 12. What are communicable diseases?
- 13. Explain fermentation.
- 14. Differentiate between Rabi and Kharif crops.

#### SECTION D [4x1=4]

15. Explain in detail the modern methods of irrigation.

## JAWAHAR NAVODAYA VIDYALAYA

## UNIT RE-TEST

CLASS 8

SUBJECT SCIENCE [40]

### Full Marks

## SECTION A

### [4x(5x1)=20]

1. Fill In the Blanks-

- Plants of the same kind cultivated at one place on a large scale is called as
- The substances which are added to the soil in the form of nutrients are called as \_\_\_\_\_\_ and \_\_\_\_\_
   Weeds are controlled to the soil in the form of nutrients are called as \_\_\_\_\_\_\_
- iii. Weeds are controlled by using certain chemicals called as
- iv. The S.I unit of force is

## 2. State whether these sentences are true or false-

- i. A simple tool used for removing weeds is called as hoe.
- ii. Canals are a source of irrigation.
- iii. Frictional force is a non- contact force.
- iv. Rhizobium lives in the root nodules of non-leguminous plants.
- v. In the process of pasteurization, milk is heated up to 70 degree Celsius.
- 3. Match the following-

### Column A

### Column B

A. Baking of bread

C. Winter season

E. Rainy season F. Summer season

D. Pathogens

B. Female Anopheles mosquito

- i. Rabi crop
- ii. Kharif crop
- iii. Diseases
- iv. Bacteria
- v. Malaria

### 4. Choose the correct Answer-

- i. Yeast is used in the production of
  - A. Sugar
    - B. Alcohol
  - C. Oxygen
  - D. Carbon
- ii. Which of these are fertilisers?
  - A. Urea
  - B. Super Phosphate

- C. Potash
- D. All of the above.
- iii. Which of the following is an antibiotic?
  - A. Alcohol
  - B. Streptomycin
  - C. Sodium Meta bisulphate
  - D. Yeast

iv.

- Traditional methods of irrigation are?
- A. Moat or pulley system
- B. Rahat or lever system
- C. Both A and B
- D. None of the Above.
- v. What is the unit of Pressure?
  - A. Watt
  - B. Pascal
  - C. Joule
  - D. Ohm

### SECTION B

## 5. What is force?

- 6. What is winnowing?
- 7. What is harvesting?
- 8. How can we prevent the spread of malaria?

### SECTION C

## [6x2=12]

[4x1=4]

- 9. What are the major groups of microorganisms?
- 10. Differentiate between contact and non-contact forces.
- 11. What is animal husbandry?
- 12. What are communicable diseases?
- 13. Explain Threshing.
- 14. Draw the figure of any one microorganism given in your textbook.

## SECTION D [4x1=4]

15. Explain in detail the different methods of food preservation used in our homes.

## **3. Involvement in various activities of schools**











All the pictures are about Newton's disc model - adapting play and experimental techniques.







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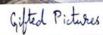


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PRINCIPAL JNV, Kalvani Nadia (N.B.)

## 4. Regularity, initiative and commitment

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