





ପରିବାର ପରିପୂର୍ଣ୍ଣ ନହେବାର,

## ଦୁଃଖ ଆମେ ବୁଝିପାରୁ



# ନିଃସନ୍ତ୍ଵାନ ଦମ୍ପତ୍ତିଙ୍କ ପାଇଁ ନିଃଶୁଳ୍କ ପରାମର୍ଶ ଶିବିର

10<sup>th</sup> to 20<sup>th</sup> December 2018

### ପୁରୁଷ

- ସ୍ଥଳ ଶୁକ୍ରାଣୁ ଗଣତି
- ଶୁକ୍ରାଣୁ ହିନତା
- ସ୍ଥଳ ଶୁକ୍ରାଣୁ ସଜୀବତା
- ଦୂର୍ବଳ ମାନର ଶୁକ୍ରାଣୁ

### ମାଗଣା ଆପଥଣ୍ଟମେଣ୍ଟୁ

ଆପଥଙ୍କ ଆପଥଣ୍ଟମେଣ୍ଟୁ ଫିଲ୍ କରିବା ପାଇଁ ସବାକ 10ଟାରୁ ସନ୍ଧ୍ୟା 5ଟା ମଧ୍ୟରେ

**7412077811**

କ୍ୟାମ୍ ପ୍ଲାନ ଭୁବନେଶ୍ୱର  
ଇନିରା ଆଇଏଫ୍ ହସିଗାଲ ପ୍ରାଇଭେଟ୍ ଲିମିଟେଡ୍  
ଦ୍ୱୀପୀୟ ମହିଳା, ଟ୍ରିପଲେକ୍ସ୍ ପ୍ଲଟ୍କ୍ରେନ୍ ୧୨, ଗଜପତି ନଗର,  
ସବିବାଳୟ ମାର୍ଗ, ଚନ୍ଦ୍ରଶେଖରପୁର, ଭୁବନେଶ୍ୱର  
ପ୍ରଦୀପୀ ମହିଳା, ଟ୍ରିପଲେକ୍ସ୍ ପ୍ଲଟ୍କ୍ରେନ୍ ୧୨, ଗଜପତି ନଗର,  
ସବିବାଳୟ ମାର୍ଗ, ଚନ୍ଦ୍ରଶେଖରପୁର, ଭୁବନେଶ୍ୱର

### ମହିଳା

- ଅବରୁଦ୍ଧ ଗର୍ଭ ନଳୀ
- ଅନିୟମିତ ରତ୍ନୁଚକ୍ର
- ତିମ୍ବାଣୁ ଗଠନରେ ସମସ୍ୟା
- ଅସମ୍ଯୁରେ ତିମ୍ବାଣୁ ନଷ୍ଟ ହେବା

### ଇନିରା ଆଇଏଫ୍ ହସିଗାଲ ପ୍ରାଇଭେଟ୍ ଲିମିଟେଡ୍

ଦ୍ୱୀପୀୟ ମହିଳା, ଟ୍ରିପଲେକ୍ସ୍ ପ୍ଲଟ୍କ୍ରେନ୍ ୧୨, ଗଜପତି ନଗର, ସବିବାଳୟ ମାର୍ଗ, ଚନ୍ଦ୍ରଶେଖରପୁର, ଭୁବନେଶ୍ୱର  
ହେଲ୍ପାଇନ୍: 7412077811 / 812 | ଓସିବାଇଟ୍: [www.indraivf.com](http://www.indraivf.com) | ଇ-ମେଲ୍ : [help@indraivf.in](mailto:help@indraivf.in)

ନିଜର ପ୍ରଶ୍ନଗୁଡ଼ିକୁ ନେଇ ତାନ୍ତ୍ରରଙ୍କ ସହିତ ଆଲୋଚନା କରିବାକୁ କଲ୍ କରନ୍ତୁ ୭412077812 (2 PM to 5 PM)

ଉପଲବ୍ଧ ସେବାଗୁଡ଼ିକ - ଗର୍ଭଧାରଣ ସମସ୍ୟାର ନିରୂପଣ, ଆଇ.ସ୍ଟୁଆଇ, ଆଇ.ଭି.୭୫, ଆଇ.ସି.୭୫.ଆଇ, ଲେଜର ହ୍ୟାଚିଂ ହାଷ୍ପେସିଷ୍ଟ୍ ଲାପାରୋଫ୍ରେପି, ହିଷ୍ପେରୋଫ୍ରେପି ତୋନୋର ସର୍ବସ୍ତ୍ରୀ

• 52 Centres PAN India

• Treatment protocol as per individual need

• Patient friendly treatment options

















Sl. No.	Survey Number	Type of Land	Nature of Land	Area in Hectare	Name of the Land Owner/Interested person Part Survey No:	Sl. No.	Survey Number	Type of Land	Nature of Land	Area in Hectare	Name of the Land Owner/Interested person Part Survey No:
1	2	3	4	5	6	1	2	3	4	5	6
86.	50/403	Private	Dry (Gharabari-I)	0.008	Gopal Das, S/o - Bhikari Das, Caste - Patara, Vill - Nijigaon 50/403	3.	4488/6933	Private	Dry (Tails-II)	0.012	Daya Nayak, Suka Nayak, Bharat Nayak, Bhikari Nayak, S/o - Parama Nayak, Osha Nayak, Kartika Nayak, S/D/o - Baidhar Nayak, Caste - Hadi, Vill - Nijigaon 4488/6933
87.	50/1118	Private	Dry (Gharabari-I)	0.008	Gopal Das, S/o - Bhikari Das, Caste - Patara, Vill - Kathagada 50/1118	4.	4488/8310	Private	Dry (Tails-II)	0.012	Pohit Kumar Sahu, Prafull Kumar Sahu, S/o - Pravakar Sahu, Caste - Kalibarta, Vill - Nijigaon 4488/8310
88.	51	Private	Wet (Sarada-III)	0.012	Kalia Behera, Bandhu Behera, Sindhua Behera, Mathua Behera, S/o - Rama Behera, Caste - Sabara, Vill - Nijigaon, Plot No.- 35/3578, Beaini Kharid Sutre Dakhal - Akshya Barik, S/o - Anadi Barik, Caste - Khandayat, Vill - Nothapada, RSD No.- 2886 dtd.16.04.79, JARASAMANA-Rs.5000/- 51	5.	4490	Private	Wet (Sarada-II)	0.036	Panchu Behera, S/o- Gurubari Behera, Caste- Gopal, Vill- Nijigan, Pada- Godidih 4490
89.	54	Private	Wet (Sarada-III)	0.008	Kalia Behera, Bandhu Behera, Sindhua Behera, Mathua Behera, S/o - Rama Behera, Caste - Sabara, Vill - Nijigaon, Plot No.- 35/3578, Beaini Kharid Sutre Dakhal - Akshya Barik, S/o - Anadi Barik, Caste - Khandayat, Vill - Nothapada, RSD No.- 2886 dtd.16.04.79, JARASAMANA-Rs.5000/- 54	6.	4494/7172	Private	Dry (Gharabari)	0.024	Madhusudan Pattanaik, S/o - Dusmanta Pattanaik, Caste - Karan, Vill - Nijigaon 4494/7172
90.	35/378	Private	Dry (Tails-I)	0.036	Kalia Behera, Bandhu Behera, Sindhua Behera, Mathua Behera, S/o - Rama Behera, Caste - Sabara, Vill - Nijigaon, Plot No.- 35/3578, Beaini Kharid Sutre Dakhal - Akshya Barik, S/o - Anadi Barik, Caste - Khandayat, Vill - Nothapada, RSD No.- 2886 dtd.16.04.79, JARASAMANA-Rs.5000/- 35/378	7.	4498	Private	Wet (Sarada-III)	0.004	Namita Sahu, W/o - Lambodar Sahu, Caste - Gudia, Vill - Jarada 4498
91.	53/265	Private	Dry (Gharabari-I)	0.028	Gulakishore Natha, S/o- Hrudananda Natha, Caste- Brahmin, Vill- Hatura Hindol 53/265	8.	4502	Private	Dry (Tails-II)	0.012	Banesh Kumar Jena, S/o - Kularmani Jena, Caste - Khytria, Vill - Nijigaon 4502
92.	55	Private	Dry (Gharabari-III)	0.008	Pabitra Mohan Parida, S/o- Sadananda Parida, Caste- Khandayat, Vill- Balarampur 55	9.	4515/8493	Private	Dry (Gharabari)	0.018	Bhoteswar Rout, Jamgeswar Rout, Benudhara Rout, S/o - Laxmidhar Rout Caste - Khandayat, Vill - Nijigaon 4515/8493
93.	56	Private	Dry (Rasta)	0.004	Mahamad Ayub, Mahamad Tayaba, Mahamad Taheb, S/o - Mahamad Ajam, Mahamad Sarabar, Mahamad Ibrahim, Mahamad Azad, Mahamad Rojibai, Mahamad Alirafik, Mahamad Usman, Sahara Begam, Jahanara Begam, Soukatara Begam, S/D/o - Mahamad Ibrahim, Amatun Bibi, W/o - Mahamad Ibrahim, Zubeda Begam, D/o - Mahamad Isaq, Caste - Muslim, Vill - Dhenkanal Town 56	10.	4523/8399	Private	Dry (Gharabari)	0.004	Bichitra Jena, S/o - Tankadhara Jena, Caste - Khyatria, Vill - Nijigaon 4523/8399
94.	57/311	Private	Dry (Gharabari)	0.012	Sakatara Begam, W/o- Abij Adil Khan, Caste- Muslim, Vill- Garapur, PS- Kendrapada 57/311	11.	4532/6850	Private	Dry (Gharabari)	0.01	Raghabendra Moharana, Ranendra Moharana, S/o - Ramesh Chandra Moharana, Caste - Badhei, Vill - Nijigaon 4532/6850
95.	57/377	Private	Dry (Gharabari)	0.004	Akshya Kumar Nayak, S/o - Rama Chandra Nayak, Caste - Khandayat, Vill- Ayyatapur, Aali, Kendrapada 95	12.	4548	Private	Dry (Gharabari)	0.004	Prafull Kumar Mohapatra, Ramakan Mohapatra, S/o - Kapila Mohapatra Caste - Khytria, Vill - Nijigaon 4548
96.	32	Private	Dry (Gharabari-I)	0.028	Satyaranay Bajaj, S/o - Kanheilal Bajaj, Caste - Marwadi,Vill - Choudhuri Bazar, Cuttack 32	13.	4549/7458	Private	Dry (Tails-II)	0.028	Kunja Bihari Mohanty, S/o- Chaitanya Mohanty, Caste- Khandayat, Vill-Nijigaon 4549/7458
97.	34	Private	Dry (Gharabari-I)	0.02	Satyaranay Bajaj, S/o - Kanheilal Bajaj, Caste - Marwadi,Vill - Choudhuri Bazar, Cuttack 34	14.	4646	Private	Dry (Gharabari)	0.004	Santosh Jena, S/o - Rama Charan Jena, Caste - Khyatria, Vill - Nijigaon 4646
98.	394	Private	Wet (Sarada-III)	0.004	Soudamini Mohapatra, W/o - Basant Kumar Mohapatra, Caste - Patara, Vill - Gandhi Mandir Road Dhenkanal Town 59/394	15.	4647	Private	Dry (Gharabari)	0.002	Santosh Jena, Basant Jena, S/o- Rama Charan Jena, Caste- Khyatria, Vill- Nijigaon 4647
99.	302	Private	Dry (Gharabari)	0.004	Sakatara Begam, W/o- Abij Adil Khan, Caste-Muslim, Vill - Garapur, PS - Kendrapada 57/302	16.	4658	Private	Dry (Gharabari)	0.06	Arta Sahu, S/o - Mahadeba Sahu, Dhobei Sahu, S/o - Judhistir Sahu, Dibakar Sahu, S/o - Pitabasa Sahu, Caste - Sundhi, Vill - Mrudaangapali 4658
100.	305	Private	Dry (Tails-I)	0.004	Sakatara Begam, W/o - Abij Adil Khan, Caste- Muslim, Vill - Garapur, PS - Kendrapada 57/305	17.	4658/8305	Private	Dry (Gharabari)	0.004	Janardana Pattanaik, S/o - Dusmanta Pattanaik, Caste - Karan, Vill - Nijigaon 4658/8305
101.	316	Private	Dry (Tails-I)	0.004	Sailabala Sahu, W/o - Bidyadhar Sahu, Caste - Teli, Vill - Tentulipatana 57/316	18.	4670	Private	Dry (Gharabari)	0.012	Suresh Chandra Swain 4670
102.	137/1069	Private	Dry (Gharabari)	0.105	Anama Charan Bhutia, S/o - Damodar Samantray, Caste - Gopal, Vill - Gudianali 137/1069	19.	4734	Private	Dry (Gharabari-II)	0.028	Nilamani Jena, Sridhar Jena, S/o - Harekrushna Jena, Caste - Khyatria, Vill - Nijigaon 4734
103.	135/1035	Private	Dry (Gharabari)	0.032	Santilita Swain, W/o - Mihir Kumar Swain, Caste - Kristiy, Vill - Dhenkanal Town Station Bazar 135/1035	20.	4750/7897	Private	Jalasaya	0.048	Lingaraj Dhir, S/o - Narana Dhir, Bana Bihari Dhir, S/o - Pranabandhu Dhir Caste - Khyatria, Vill - Nijigaon 4750/7897
104.	35/946	Private	Dry (Gharabari-I)	0.016	Sandhyarani Panda, W/o - Rabi Narayan Debata, Caste - Brahmin, Vill - Manipur 135/946	21.	4751	Private	Dry (Adi)	0.012	Habibandhu Rana, S/o - Balabhadra Rana, Pitabasa Rana, S/o - Damodar Rana, Kalia Rana, S/o - Bhagabata Rana, Keshab Rana, S/o - Krutibasa Rana, Kumara Rana, S/o - Srinibasa Rana, Caste - Kumbhara, Vill - Mrudangapali 4751
105.	192	Private	Dry (Patita)	0.012	Ranjan Kumar Rout, Abhaya Kumar Rout, Ajay Kumar Rout, S/o - Madan Rout, Rasmirekha Rout, D/o - Madan Rout, Kalabati Rout, W/o - Madan Mohan Rout, Amitav Rout, Abinash Rout, Niharika Rout, Amita Rout, Subhashree Rout, Mina Rout, S/D/o - Akhya Kumar Rout, Caste - Gopal, Vill - Gudianali, 1/6 Share, Kiplendira Mahakhud, S/o - Rasabihari Mahakhud, Soudamini Mahakhud, W/o - Sankarsan Mahakhud, Sasikant Mahakhud, Sisirakant Mahakhud, Krishnachandra Mahakhud, Snehalata Mahakhud, Sarita Mahakhud, S/D/o - Sankarsan Mahakhud, Caste - Gopal, Vill - Gudianali, 1/6 Share, Rasmila Mahakhud, W/o - Samarendra Mahakhud, Debasish Mahakhud, Satyabadi Mahakhud, Satyakanta Mahakhud, S/D/o - Samarendra Mahakhud, Susant Mahakhud, S/o - Akhila Mahakhud, Droupadi Mahakhud, W/o - Akhila Mahakhud, Caste - Gopal, Vill - Gudianali, 1/6 Share, Gokulandana Mahakhud, S/o - Dibakar Mahakhud, Caste - Gopal, Vill - Gudianali, 1/5 Share, Pramod Kumar Mahakhud, Pankajalochan Mahakhud, Bipin Bihari Mahakhud, Biranchi Narayan Mahakhud, S/o - Dibakar Mahakhud, Caste - Gopal, Vill - Gudianali, 2/15 Share, Antaryami Mahakhud, Alekha Mahakhud, Gopabandhu Mahakhud, Arupananda Mahakhud, S/o - Mayadhar Mahakhud, Caste - Gopal, Vill - Gudianali, 1/6 Share, Manorama Achriya, W/o - Sapani Kumar Achriya, Caste - Brahmin, Vill - Vanjapur, PS - Baripada, Dist, Mayurvanja. 192	22.	4757/7926	Private	Dry (Patita)	0.02	Jema Rout, W/o - Pranabandhu Rout, Caste - Gopal, Vill - Mrudangapali 4757/7926
106.	195/919	Private	Dry (Tails-II)	0.162	Rabindra Kumar Dash, S/o - Hari Prasanna Dash, Caste - Brahmin, Vill - Radigadahi, Dhenkanal Town 195/919	23.	4777	Private	Dry (Bagayat-II)	0.068	Akhila Kumar Dhir, Dhaneswar Dhir, S/o - Rama Chandra Dhir, Caste - Khyatria, Vill - Nijigaon, Pramodini Pattanaik, D/o - Rama Chandra Dhir, Caste - Khyatria, Vill - Badakerajang, Angul, Manju Dhal, D/o - Rama Chandra Dhir, Caste - Khyatria, Vill - Chandupur, Kamakshyanagar, Laxmidhar Dhir, Kulamani Dhir, Nilamani Dhir, S/o - Bhagaban Dhir, Caste - Khyatria, Vill - Nijigaon 4777
107.	200/352	Private	Dry (Gharabari)	0.121	Parsuram Mohapatra, S/o - Jayakrushna Mohapatra, Pitabasa Mohapatra, S/o - Ganeshwar Mohapatra, Sukamini Mohapatra, Kumudini Mohapatra, D/o - Banshidhara Mohapatra, Kanhu Charan Mohapatra, S/o - Satyabadi Mohapatra, Caste - Brahmin, Vill - Gaudunibedia 200/352	24.	4809	Private	Dry (Gharabari)	0.004	Kulamani Jena, S/o - Sadananda Jena, Caste - Khandayat, Vill - Nijigaon 4809
108.	200/353	Private	Dry (Rasta)	0.008	Parsuram Mohapatra, S/o - Jayakrushna Mohapatra, Pitabasa Mohapatra, S/o - Ganeshwar Mohapatra, Sukamini Mohapatra, Kumudini Mohapatra, D/o - Banshidhara Mohapatra, Kanhu Charan Mohapatra, S/o - Satyabadi Mohapatra, Caste - Brahmin, Vill - Gaudunibedia 200/353	25.	5084/8314	Private	Dry (Tails-II)	0.008	Savapati, Truck Malika Sangha, Balaramprasad 5084/8314
109.	31	Private	Dry (Gharabari-I)	0.02	Beni Prasad Bajaj, S/o - Kanheilal Bajaj, Caste - Marwadi, Vill - Choudhuri Bazar Cuttack 31	26.	5085	Private	Dry (Tails-II)	0.008	Basudeb Moharana, S/o- Raghunatha Moharana, Caste - Badhei, Vill - Godisahi 5085
110.	33	Private	Dry (Gharabari-I)	0.028	Odisha Sintheitik Factory Propieter Beni Prasad Bajaj, S/o - Kanheilal Bajaj, Caste - Marwadi, Vill - Choudhuri Bazar, Cuttack 33	27.	5134/8482	Private	Dry (Gharabari)	0.004	Srikant Kumar Rout, S/o - Harekrushna Rout, Caste - Khandayat, Vill - Nijigaon 5134/8482
111.	200/280	Private	Dry (Gharabari-I)	0.008	Satyabhama Satapathy, W/o - Balaram Satapathy, Caste - Brahmin, Vill - Lokenathapur, Sasan, Kamakshyanagar 200/280	28.	5136	Private	Wet (Sarada-III)	0.02	Rabinarayan Jena, S/o - Sadananda Jena, Caste - Khyatria, Vill - Nijigaon 5136
112.	191/369	Private	Dry (Tails-I)	0.006	Bharat Chandra Chand, S/o - Balakrushna Chand, Caste - Bunakar, Vill - Shyamacharanpur 191/369	29.	5152	Private	Wet (Sarada-III)	0.008	Naba Kishore Jena, Debaraj Jena, S/o - Raghunath Jena, Kanchan Jena W/o - Raghunath Jena, Caste - Khyatria, Vill - Nijigaon 5152
113.	64	Private	Wet (Sarada-II)	0.016	Daitari Tripathy, S/o - Krupasindhu Tripathy, Caste - Brahmin, Vill - Dhenkanal Town Gudianali 64	30.	5161	Private	Dry (Tails-II)	0.008	Laxmipriya Pattanaik, W/o - Janardana Pattanaik, Caste - Karan, Vill - Nijigaon 5161
114.	132/1088	Private	Dry (Gharabari)	0.016	Sujata Nath, W/o - Satya Swarup Mishra, Caste - Brahmin, Vill - Nua Sasan 132/1088	31.	5164/6828	Private	Dry (Tails-II)	0.008	Janardana Pattanaik, S/o - Dusmanta Pattanaik, Caste - Karan, Vill - Nijigaon 5164/6828
115.	132/1049	Private	Wet (Sarada-I)	0.02	Rashmirekha Mishra, W/o - Surjya Prakash Mishra, Caste - Brahmin, Vill - Dhenkanal Town Amalapada 132/1049	32.	5164/6828/8225	Private	Dry (Tails-II)	0.008	Biswaranjan Pattanaik, S/o - Dusmant Pattanaik, Caste - Karan, Vill - Nijigaon 5164/6828/8225
116.	191/369/1	Private	Dry (Tails-I)	0.006	Siba Prasad Jena, S/o - Nityananda Jena, Caste - Khayatri, Vill - Dhenkanal Town, Jaya Gopal Sahi 191/369/993	33.	5164/6828/8224	Private	Dry (Tails-II)	0.008	Madhusudan Pattanaik, S/o - Dusmanta Pattanaik, Caste - Karan, Vill - Nijigaon 5164/6828/8224
117.	201/286	Private	Dry (Gharabari)	0.008	Aratratra Tripathy, S/o - Pravakar Tripathy, Caste - Brahmin, Vill - Nijigaon 200/286						Village: Bangurusinga
118.	135/1035	Private	Dry (Gharabari)	0.016	Ashok Kumar Panda, S/o - Banamali Panda, Caste - Brahmin, Vill - Koilipangi 135/974	34.</td					

Sl. No.	Survey Number	Type of Land	Nature of Land	Area in Hectare	Name of the Land Owner/Interested person Part Survey No:
1	2	3	4	5	6
54.	1635	Private (Irrigated)	Wet (Talla-I)	0.032	IPI TATA Private LTD. Gundichapada 1635
55.	1641	Private (Irrigated)	Wet (Talla-I)	0.032	IPI TATA Private LTD. Gundichapada 1641
56.	1642	Private (Irrigated)	Wet (Talla-I)	0.053	IPI TATA Private LTD. Gundichapada 1642
57.	1643	Private (Irrigated)	Wet (Talla-I)	0.032	IPI TATA Private LTD. Gundichapada 1643
58.	1644	Private (Irrigated)	Wet (Talla-I)	0.024	IPI TATA Private LTD. Gundichapada 1644
<b>Village: Haladiabahal</b>					
59.	2415	Private	Dry (Bagayat-II)	0.008	Sachidananda Behera, Achyutananda Behera, S/o - Hadibandhu Behera Jira Behera, Methi Behera, Champabati Behera, D/o - Banka Behera, Caste - Gopal, Vill - Nijigaon 2415
<b>Village: Haripur</b>					
60.	782/1190	Private	Wet (Sarada-II)	0.012	Rupabati Sahu, W/o - Nishakar Sahu, Caste-Teli, Vill - Dhenkanal Town, Hata Road 782/1190
<b>Village: Kalusahukateni</b>					
61.	1331	Private	Wet (Sarada-II)	0.004	Dayanidhi Rout, S/o - Hata Rout, Caste - Gopal, Vill - Nimidha 1331
62.	1349/2022	Private	Dry (Gharabari)	0.016	Gobardhan Nayak, S/o - Satyabadi Balyarsingh, Caste - Khyatria, Vill - Budhapanka 1349/2022
<b>Village: Kharagaprasad</b>					
63.	3413/8405	Private	Wet (Sarada-II)	0.008	Batakrushna Mahapatra, S/o - Nimaine Charan Mahapatra, Caste - Teli, Vill - Ranjasinga 3412/8405
64.	3416/8146	Private	Wet (Sarada-II)	0.032	Kubera Sahu, Biprabara Sahu, Sikhra Sahu, S/o - Dasarathi Sahu, Caste-Teli, Vill - Khadagaprasad Patna 3416/8146
<b>Village: Kurunti</b>					
65.	3794	Private	Dry (Gharabari)	0.008	Nagendra Kumar Behera, S/o - Sudama Behera, Caste - Kaibarta, Vill - Kusupanga 3794
66.	3794/5689	Private	Dry (Talla-II)	0.097	Anjalibala Mohanty, W/o - Durjyodhan Mohanty, Caste - Karan, Vill - Nijigaon 3794/5689
<b>Village: Meramandali</b>					
67.	1224	Government	Jalasaya-II	0.04	Rakhita 1224
68.	1179	Private	Wet (Sarada Do Fasal-I)	0.008	Birabara Sahu, Malati Sahu, S/D/o - Daun Sahu, Haladhara Sahu, Sridhar Sahu, Jaladhara Sahu, S/o - Mukunda Sahu, Kismat - 25%, Bhuban Sahu, Upasi Sahu, Asha Sahu, Musi Sahu, S/D/o - Dharmu Sahu, Hara Sahu, W/o - Dharmu Sahu, Dhani Sahu, S/o - Khaga Sahu, Kismat - 25%, Ali Sahu, S/o - Hadibandhu Sahu, Sambari Sahu, W/o - Hadibandhu Sahu, Rushia Sahu, S/o - Nanda Sahu, Kismat - 25%, Nidhia Sahu, Madhaba Sahu, Kailash Sahu, Manguli Sahu, S/o - Tirtha Sahu, Pandari Sahu, W/o - Tirtha Sahu, Hrushi Sahu, S/o - Siba Sahu, Athina Sahu, W/o - Mallia Sahu, Kismat - 25%, Caste-Chasa, Vill - Nijigaon 1179
69.	1228	Private	Wet (Sarada Jala Do Fasal-II)	0.008	Magata Sahu, S/o - Gopinatha Sahu, Gouranga Sahu, Ichha Sahu, Tulasi Sahu, Jasoda Sahu, Paichha Sahu, Parbati Sahu, S/D/o - Sambhu Sahu, Labanya Sahu, W/o - Sambhu Sahu, Caste - Chasa, Vill - Nijigaon 1228
70.	1198	Private	Wet (Sarada Do Fasal-I)	0.024	Charan Sahu, Narana Sahu, Sansari Sahu, Upashi Sahu, S/D/o - Ainthu Sahu, Caste - Chasa, Vill - Nijigaon 1198
71.	1211	Private	Wet (Sarada Jala Do Fasal-II)	0.02	Mochia Sahu, Benu Sahu, S/o - Sridhar Sahu, Caste - Chasa, Vill - Nijigaon 1211
72.	1225	Government	Wet (Adi)	0.008	Rakhita 1225
73.	1569	Government	Dry (Danda)	0.008	Sarbasadharana 1569
74.	1588	Government	Wet (Sarada Jala Do Fasal-II)	0.049	Abadajogya Anabadi 1588
75.	1589	Private	Wet (Sarada Jala Do Fasal-II)	0.008	Dhani Sahu, S/o - Khaga Sahu, Caste - Chasa, Vill - Nijigaon 1589
76.	858	Private	Wet (Sarada-III)	0.008	Birabara Sahu, Malati Sahu, S/D/o - Daun Sahu, Haladhara Sahu, Sridhar Sahu, Jaladhara Sahu, S/o - Mukunda Sahu, Nidhia Sahu, Madhaba Sahu, Kailash Sahu, Manguli Sahu, S/o - Tirtha Sahu, Pandari Sahu, W/o - Tirtha Sahu, Rabi Sahu, Lata Sahu, S/D/o - Nabina Sahu, Mukta Sahu, W/o - Nabina Sahu, Nakafodi Sahu, Kanithia Sahu, S/o - Hrusi Sahu, Athina Sahu, W/o - Mallia Sahu, Bhuban Sahu, Upash Sahu, Asha Sahu, Musi Sahu, S/D/o - Dharmu Sahu, Dhan Sahu, S/o - Khaga Sahu, Ali Sahu, S/o - Hadi Sahu, Sambari Sahu, D/o - Rushia Sahu, Labana Sahu, W/o - Rushia Sahu, Caste - Chasa, Vill - Nijigaon 858
<b>Village: Motanga</b>					
77.	1016	Private	Wet (Sarada Jala Do Fasal-II)	0.004	Sanjay Kumar Sahu, S/o - Golekha Bihari Sahu, Caste - Teli, Vill - Dhenkanal Town, Mandapasi 1016
78.	1261	Private	Wet (Sarada Jala Do Fasal-II)	0.02	Rangei Padhan, Gandu Padhan, S/o - Damodar Padhan, Labanya Padhan D/o - Santra Padhan, Caste - Chasa, Vill - Nijigaon 1261
79.	1276	Private	Wet (Sarada Jala Do Fasal-II)	0.012	Sarat Chandra Padhan, S/o - Sudam Padhan, Anjali Nayak, D/o - Golaka Padhan, Pramila Padhan, W/o - Golaka Padhan, Balakrushna Padhan, Sangram Padhan, Sarangadhar Padhan, Pramoda Padhan, Labanya Dehuri, S/D/o - Subala Padhan, Aruna Padhan, Pradipa Padhan, Pratima Padhan, Jyostna Padhan, S/D/o - Ramesh Chandra Padhan, Bishnu Charan Padhan, Saraswati Padhan, S/D/o - Dukhabandhu Padhan, Caste - Chasa, Vill-Nijigaon 1276
80.	1287	Private	Dry (Gharabari)	0.004	Sanjay Kumar Behera, S/o - Dhaneswar Behera, Caste - Tanala, Vill - Motanga 1287
81.	1457	Private	Wet (Sarada -III)	0.016	Maguni Sahu, Maheswar Sahu, Dola Sahu, S/o-Krushna Sahu, Caste-Chasa, Vill - Nijigaon 1457
82.	1457/1818	Private	Wet (Sarada -III)	0.016	Aditya Kumar Sahu, S/o - Megha Sahu, Caste - Baisya Bania, Vill - Nijigaon 1457/1818
<b>Village: Mrudangapali</b>					
83.	330	Private	Wet (Baje Fasal-I)	0.012	Basant Kumar Prusty, S/o - Kambu Prusty, Caste - Bania, Vill - Balaramprasad 330/471
<b>Village: Nayabaghirathipur Purbabada</b>					
84.	1426/1933	Private	Dry (Patita)	0.012	Debasis Nanda, S/o - Kunja Bihari Nanda, Caste - Brahmin, Vill - Dhenkanal Town Kunjakanta 1426/1933
85.	1582	Private	Wet (Talla-I)	0.012	Bidyadhar Satapathy, Bhagaban Satapathy, Banamali Satapathy, S/o - Pravakar Satapathy, Caste - Brahmin, Vill - Nijigaon 1582
<b>Village: Odapada</b>					
86.	4757	Private	Wet (Sarada-III)	0.061	Bira Behera, Hagu Behera, Kamala Behera, Kanta Behera, Koili Behera, S/D/o - Lokei Behera, Madhu Behera, Sabitri Behera, Radha Behera, S/D/o - Baraju Behera, Rasa Behera, S/o - Gouranga Behera, Sarba Behera, Gharachuti Behera, Nayen Behera, Chhaya Behera, S/D/o - Ajati Behera, Kruti Behera, W/o - Ajati Behera, Budha Behera, S/o - Nidhi Behera, Padmanabha Behera, Ghana Behera, Tara Behera, Malati Behera, Jema Behera, S/D/o - Mogala Behera, Dukhia Behera, S/o - Panchu Behera, Caste - Chama, Vill - Nijigaon 4757/5596
87.	4899/5660	Private	Wet (Sarada-III)	0.016	Kailash Nayak, S/o - Banchha Nayak, Caste - Khandayat, Vill - Nijigaon 4899/5660
88.	4923/6204	Private	Dry (Gharabari)	0.008	Chintamani Prusty, Dambarudhar Prusty, Minaketan Prusty, Nirakara Prusty, S/o - Bihkari Prusty, Caste - Teli, Vill - Nijigaon 4923/6204
89.	5035/6137	Private	Wet (Bagayat-II)	0.008	Golekha Nayak, Kastu Nayak, S/o - Bhima Nayak, Caste - Khandayat, Vill-Nijigaon 5035/6137
90.	5191	Private	Dry (Gharabari)	0.008	Kailash Chandra Mohapatra, S/o - Chintamani Mohapatra, Caste - Khandayat, Vill - Podapada 5191
91.	5319	Private	Wet (Sarada-III)	0.012	Sailabala Pati, W/o - Adhikari Panda, Caste - Brahmin, Vill - Nijigaon 5319
92.	5370	Private	Dry (Talla-II)	0.04	Bharti Nath, Basanti Pani, S/D/o - Michhu Panda, Maharani Panda, W/o - Michhu Panda, Caste - Brahmin, Vill - Nijigaon 5370
93.	5382/6042	Private	Wet (Baje Fasal-II)	0.008	Narayan Swain, S/o - Iwar Swain, Caste - Khandayat, Vill - Nijigaon 5382/6042
94.	5385	Private	Wet (Baje Fasal-II)	0.008	Golekha Nayak, Kastu Nayak, S/o - Bhima Nayak, Caste - Khandayat, Vill-Nijigaon 5385
95.	5390/5877	Private	Wet (Baje Fasal-I)	0.02	Golekha Nayak, Kastu Nayak, S/o - Bhima Nayak, Caste - Khandayat, Vill-Nijigaon 5390/5877

Sl. No.	Survey Number	Type of Land	Nature of Land	Area in Hectare	Name of the Land Owner/Interested person Part Survey No:
1	2	3	4	5	6
<b>Village: Panchupati</b>					
96.	111/687	Private (Nonirrigated)	Dry (Talla-II)	0.004	Dullav Sahu, S/o - Ananta Sahu, Caste - Gudia, Vill - Barada 116/687
97.	111/689	Private (Nonirrigated)	Dry (Talla-II)	0.002	Sukanta Kumar Sahu, S/o - Sarat Kumar Sahu, Caste - Teli, Vill - Barada 111/689
98.	111/689/782	Private (Nonirrigated)	Dry (Talla-II)	0.002	Soubhagya Kumar Sahu, S/o - Nrusingh Charan Sahu, Caste - Sundhi, Vill - Sariapada 111/689/782
99.	111/692	Private (Nonirrigated)	Dry (Talla-II)	0.008	Gitanjali Sahu, W/o - Nrusingh Charan Sahu, Caste - Sundhi, Vill - Sariapada 111/692
100.	111/693	Private (Nonirrigated)	Dry (Talla-II)	0.008	Padmabati Rout, W/o - Krushna Chandra Rout, Trunamani Rout, W/o - Ramachandra Rout, Dilip Kumar Rout, S/o - Dhad Rout, Caste - Khandayat, Vill - Sankarpur, Dist - Cuttack 111/693
101.	111/695	Private (Nonirrigated)	Dry (Talla-II)	0.004	Tunibala Rout, W/o - Ramachandra Rout, Caste - Khandayat, Vill - Sankarpur, Dist - Cuttack 111/695
102.	111/698	Private	Dry (Talla-II)	0.004	Padmabati Rout, W/o - Krushna Chandra Rout, Caste - Khandayat, Vill - Sankarpur, Dist - Cuttack 111/698
103.	116/633	Private (Irrigated)	Wet (Talla-II)	0.004	Guru Charan Sahu, S/o - Sridhar Sahu, Caste - Gudia, Vill - Barada 116/633
104.	116/633/662	Private (Irrigated)	Wet (Talla-II)	0.008	Sanjay Kumar Sahu, S/o - Sarat Kumar Sahu, Caste - Teli, Vill - Dhenkanal Town Mandapasi 116/633/662
105.	116/688	Private (Irrigated)	Wet (Talla-I)	0.004	Dullav Sahu, S/o - Ananta Sahu, Caste - Gudia, Vill - Barada 116/688
106.	103/594	Private (Nonirrigated)	(Unnatajajanajogya)	0.0032	Rakhita 103/594
<b>Village: Podapada</b>					
107.	2545	Government	Dry (Rasta)	0.012	Sarbasadharana 2545
108.	2555	Private	Dry (Gharabari)	0.008	Kirtan Dehuri, S/o - Gada dehuri, Caste - Saar, Vill - Nijigaon 2555
109.	2556	Private	Dry (Gharabari)	0.004	Daitya Swain, S/o - Nanda Swain, Jayanti Swain, W/o - Daitya Swain, Caste - Khandayat, Vill - Nijigaon 2556
110.	2557	Government	Dry (Bastijogya)	0.016	Rakhita







# Exam Mate

$$\pi(n) = \sum_{m=2}^n \left[ \left( \sum_{k=1}^m \frac{1}{k} \right) - \ln(m) \right]$$



Mock Test Paper for Std X, XII CBSE Board, IIT - JEE Main &amp; Advanced.

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## MOCK TEST PAPER # 1

### CLASS-XII (MATHEMATICS)

Time Allowed : 3 hours

Maximum Marks: 100

#### GENERAL INSTRUCTIONS

- All questions are compulsory
- Please check that this question paper contains 29 questions.
- Questions 1-4 in Section A are very short answer type questions carrying 1 mark each.
- Questions 5-12 in Section B are short answer type questions carrying 2 marks each.
- Questions 13-23 in Section C are short answer questions carrying 4 marks each.
- Questions 24-29 in Section D are long answer questions carrying 6 marks each.
- Please write down the serial number of the questions before attempt it.

#### SECTION-A

- Give an example to show that the relation  $r$  defined as  $R = \{(x, y) : x, y \in N, x \leq y^2\}$  is not transitive.
- If  $f : R \rightarrow R$  be defined by  $f(x) = |x|$ , prove that  $f \circ f = f$ .
- If  $\begin{vmatrix} 1 & k & 3 \\ 3 & k & -2 \\ 2 & 3 & -1 \end{vmatrix} = 0$  then find  $k$ .
- For what value of  $\lambda$  the vectors  $\vec{a} = 2\hat{i} + \lambda\hat{j} + \hat{k}$  and  $\vec{b} = \hat{i} - 2\hat{j} + 3\hat{k}$  are perpendicular to each other?

#### SECTION-B

- Write in simplest form  $\sin^{-1}(x\sqrt{1-x} - \sqrt{x}\sqrt{1-x^2})$
- Construct a  $3 \times 2$  matrix whose elements are given by  $a_{ij} = e^{ix} \sin jx$ .
- If  $y = \log \sqrt{\sin \sqrt{e^x}}$ . Find  $\frac{dy}{dx}$ .
- Show that the tangents to the curve  $y = 7x^3 + 11$  at the points where  $x = 2$  and  $x = -2$  are parallel.
- Evaluate:  $\int \frac{x + \cos 6x}{3x^2 + \sin 6x} dx$
- Find the differential equation of all non-horizontal lines in a plane.
- If  $|\vec{a}| = 3$  and  $-1 \leq k \leq 2$ , then find the interval in which  $|k \vec{a}|$  lies.
- If  $A$  and  $B$  are independent events such that  $p(A) = p$ ,  $p(B) = 2p$  and  $P(\text{Exactly one of } A, B) = \frac{5}{9}$ , then find  $p$ .

- If  $A = \begin{bmatrix} 0 & 1 \\ 1 & 1 \end{bmatrix}$  and  $B = \begin{bmatrix} 0 & -1 \\ 1 & 1 \end{bmatrix}$ , show that  $(A + B)(A - B) \neq A^2 - B^2$ .

- Let  $f(x) = \begin{cases} \frac{1-\cos x}{x^2}, & \text{if } x < 0 \\ a, & \text{if } x = 0 \\ \frac{\sqrt{x}}{\sqrt{16+\sqrt{x}-4}}, & \text{if } x > 0 \end{cases}$

For what value of  $a$ ,  $f$  is continuous at  $x = 0$  ?

- If  $y = \sin^{-1}(x\sqrt{1-x} - \sqrt{x}\sqrt{1-x^2})$  and  $0 < x < 1$ , then find  $\frac{dy}{dx}$

OR

- If  $(x-a)^2 + (y-b)^2 = c^2$ , for some  $c > 0$ , then prove that  $\frac{d^2y}{dx^2} = \left[ 1 + \left( \frac{dy}{dx} \right)^2 \right]^{3/2}$  is a constant, independent of  $a$  and  $b$ .

- Show that the normal at any point  $\theta$  to the curve  $x = a \cos \theta + \theta \sin \theta$ ,  $y = a \sin \theta - a \theta \cos \theta$  is at a constant distance from the origin.

- The graph of  $y = \frac{ax-b}{(x-1)(x-4)}$  has a turning point at  $P(2, -5)$ . Find the value of 'a' and 'b'.

- Evaluate:  $\int_0^1 \frac{dx}{\{ax+b(1-x)\}^2}$

OR

$$\text{Evaluate: } \int \frac{\sin 2x}{(a + b \cos x)^2} dx$$

- The slope of the tangent at any point on a curve is  $\lambda$  times the slope of the straight line joining the point of contact to the origin. Find the equation of the curve.

OR

$$\text{Solve the following differential equation: } \left[ \frac{e^{-2\sqrt{x}}}{\sqrt{x}} - \frac{y}{\sqrt{x}} \right] \frac{dx}{dy} = 1, x \neq 0$$

- If  $M$  and  $N$  are mid points of the diagonals  $AC$  and  $BD$  respectively of a quadrilateral  $ABCD$ , show that  $\overline{AB} + \overline{AD} + \overline{CB} + \overline{CD} = 4\overline{MN}$ .
- Find a unit vector perpendicular to the plane of triangle  $ABC$ , where the coordinates of its vertices are  $A(3, -1, 2)$ ,  $B(1, -1, -3)$  and  $C(4, -3, 1)$ .
- Four balls are to be drawn without replacement from a box containing 8 red and 4 white balls. If  $X$  denotes the number of red ball drawn, find the probability distribution of  $X$ .
- Of the students in a school; it is known that 30% have 100% attendance and 70% students are irregular. Previous year results report that 70% of all students who have 100% attendance attain A grade and 10% irregular students attain A grade in their annual examination. At the end of the year, one student is chosen at random from the school and he has A grade. What is the probability that the student has 100% attendance ?
- i. Write any two values reflected in this question.  
ii. Is regularity required only in school ? Justify your answer.

#### SECTION-D

- Show that the function  $f : R \rightarrow R$  defined by  $f(x) = \frac{x}{x^2 + 1}$ ,  $\forall x \in R$  is neither one-one nor onto.
- By using properties of determinant, show that

$$\begin{vmatrix} 1+a^2-b^2 & 2ab & -2b \\ 2ab & 1-a^2+b^2 & 2a \\ 2b & -2a & 1-a^2-b^2 \end{vmatrix} = (1+a^2+b^2)^3$$

OR

In a triangle  $ABC$ , if  $\begin{vmatrix} 1 & 1 & 1 \\ 1+\sin A & 1+\sin B & 1+\sin C \\ \sin A + \sin^2 A & \sin B + \sin^2 B & \sin C + \sin^2 C \end{vmatrix} = 0$ , then prove that  $\triangle ABC$  is an isosceles triangle.

- Evaluate:  $\int \frac{x^3 + x}{x^4 - 9} dx$

OR

$$\text{Evaluate: } \int_2^5 [|x-2| + |x-3| + |x-5|] dx$$

- Using integration, find the area of the following region:  $\{(x, y) : |x-1| \leq y \leq \sqrt{5-x^2}\}$

- Find the distance of the point  $(-2, 3, 4)$  from the line  $\frac{x+2}{3} = \frac{2y+3}{4} = \frac{3z+4}{5}$  measured parallel to the plane  $4x + 12y - 3z + 1 = 0$

OR

A plane meets the coordinate axes in  $A$ ,  $B$ ,  $C$  such that the centroid of the triangle  $ABC$  is the point  $(\alpha, \beta, \gamma)$ . Show that the equation of the plane is  $\frac{x}{\alpha} + \frac{y}{\beta} + \frac{z}{\gamma} = 3$ .

- A company produces soft drinks that has a contract which requires that a minimum of 80 units of the chemical  $A$  and 60 units of the chemical  $B$  go into each both of the drink. The chemicals are available in prepared mix packets from two different suppliers. Suppliers  $S$  had a packet of mix of 4 units of  $A$  and 2 units of  $B$  that costs ` 10. The supplier  $T$  has a packet of mix of 1 unit of  $A$  and 1 unit of  $B$  that costs ` 4. How many mix packets mix from  $S$  and  $T$  should the company purchase to honour the contract requirement and yet minimize cost ? Make a LPP and solve graphically.

For Answers visit: [www.dharitri.com](http://www.dharitri.com)









