Name : Mrs. ARADHANA SAHU

PID No. : MED121370988

SID No.

: 622021168

Age / Sex : 35 Year(s) / Female

Ref. Dr : MediWheel Register On

: 24/09/2022 8:55 AM

Collection On : 24/09/2022 10:01 AM

Report On

: 24/09/2022 1:26 PM

Printed On

: 24/09/2022 3:37 PM

Type

: OP

Investigation	Observed Value	Unit	Biological Reference Interval
IMMUNOHAEMATOLOGY			
BLOOD GROUPING AND Rh TYPING (Blood /Agglutination)	'O' 'Positive'		
HAEMATOLOGY			
Complete Blood Count With - ESR			
Haemoglobin (Blood/Spectrophotometry)	09.97	g/dL	12.5 - 16.0
Packed Cell Volume(PCV)/Haematocrit (Blood/Derived from Impedance)	33.25	%	37 - 47
RBC Count (Blood/Impedance Variation)	04.45	mill/cu.mm	4.2 - 5.4
Mean Corpuscular Volume(MCV) (Blood/ Derived from Impedance)	74.74	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (Blood/Derived from Impedance)	22.41	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (Blood/Derived from Impedance)	29.99	g/dL	32 - 36
RDW-CV(Derived from Impedance)	15.6	%	11.5 - 16.0
RDW-SD(Derived from Impedance)	40.81	fL	39 - 46
Total Leukocyte Count (TC) (Blood/ Impedance Variation)	6080	cells/cu.mm	4000 - 11000
Neutrophils (Blood/Impedance Variation & Flow Cytometry)	57.90	%	40 - 75
Lymphocytes (Blood/Impedance Variation & Flow Cytometry)	34.20	%	20 - 45
Eosinophils (Blood/Impedance Variation & Flow Cytometry)	01.60	%	01 - 06
Monocytes (Blood/Impedance Variation & Flow Cytometry)	06.10	%	01 - 10
Basophils (Blood/Impedance Variation & Flow Cytometry)	00.20	%	00 - 02
INTERPRETATION: Tests done on Automated microscopically.	Five Part cell counter. All	abnormal resul	ts are reviewed and confirmed
Absolute Neutrophil count (Blood/ Impedance Variation & Flow Cytometry)	3.52	10^3 / μΙ	1.5 - 6.6
Absolute Lymphocyte Count (Blood/ Impedance Variation & Flow Cytometry)	2.08	10^3 / μΙ	1.5 - 3.5
Absolute Eosinophil Count (AEC) (Blood/ Impedance Variation & Flow Cytometry)	0.10	10^3 / µl	0.04 - 0.44
Absolute Monocyte Count (Blood/ Impedance Variation & Flow Cytometry)	0.37	10^3 / µl	< 1.0

The results pertain to sample tested.

DR.FATHIMA NIFRA MD Pathology Consultant-Pathologist Reg No:95794

Name : Mrs. ARADHANA SAHU

PID No. : MED121370988

SID No. : 62

: 622021168

Age / Sex : 35 Year(s) / Female

Ref. Dr

: MediWheel

Register On : 24/09/2022 8:55 AM

Collection On : 24/09/2022 10:01 AM

Report On

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24/09/2022 3:37 PM

Type

OP



Investigation	Observed Value	<u>Unit</u>	Biological Reference Interval
Absolute Basophil count (Blood/Impedance Variation & Flow Cytometry)	0.01	10^3 / µl	< 0.2
Platelet Count (Blood/Impedance Variation)	257	10^3 / µl	150 - 450
MPV (Blood/Derived from Impedance)	09.86	fL	8.0 - 13.3
PCT(Automated Blood cell Counter)	0.25	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Blood/Automated ESR analyser)	35	mm/hr	< 20
BIOCHEMISTRY			
BUN / Creatinine Ratio	11.4		
Glucose Fasting (FBS) (Plasma - F/GOD-PAP)	79.5	mg/dL	Normal: < 100 Pre Diabetic: 100 - 125 Diabetic: >= 126

INTERPRETATION: Factors such as type, quantity and time of food intake, Physical activity, Psychological stress, and drugs can influence blood glucose level.

Glucose, Fasting (Urine) (Urine - F)

Negative

Negative

Glucose Postprandial (PPBS) (Plasma - PP/GOD-PAP)

110.2

mg/dL

70 - 140

INTERPRETATION:

Factors such as type, quantity and time of food intake, Physical activity, Psychological stress, and drugs can influence blood glucose level. Fasting blood glucose level may be higher than Postprandial glucose, because of physiological surge in Postprandial Insulin secretion, Insulin resistance, Exercise or Stress, Dawn Phenomenon, Somogyi Phenomenon, Anti- diabetic medication during treatment for Diabetes.

Urine Glucose(PP-2 hours) (Urine - PP)	Negative		Negative
Blood Urea Nitrogen (BUN) (Serum/Urease UV / derived)	9.4	mg/dL	7.0 - 21
Creatinine (Serum/Modified Jaffe)	0.82	mg/dL	0.6 - 1.1
Uric Acid (Serum/Enzymatic)	2.8	mg/dL	2.6 - 6.0
Liver Function Test			
Bilirubin(Total) (Serum)	0.46	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.15	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.31	mg/dL	0.1 - 1.0
SGOT/AST (Aspartate Aminotransferase) (Serum/Modified IFCC)	17.8	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum)	12.3	U/L	5 - 41
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	11.8	U/L .	< 38

DR.FATHIMA NIFRA MD Pathology Consultant-Pathologist Reg No.95794

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Name. : Mrs. ARADHANA SAHU

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Age / Sex : 35 Year(s) / Female

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Type



Investigation Alkaline Phosphatase (SAP) (Serum/ Modified IFCC)	Observed Value 76.5	<u>Unit</u> U/L	Biological Reference Interval 42 - 98
Total Protein (Serum/Biuret) Albumin (Serum/Bromocresol green) Globulin (Serum/Derived) A: G RATIO (Serum/Derived) Lipid Profile Chalasteral Total (Serum/CHOR BAR 1999)	7.41 4.25 3.16 1.34	gm/dL gm/dL gm/dL	6.0 - 8.0 3.5 - 5.2 2.3 - 3.6 1.1 - 2.2
Cholesterol Total (Serum/CHOD-PAP with ATCS)	162.7	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/GPO-PAP with ATCS)	75.2	mg/dL	Optimal: < 150 Borderline: 150 - 199 High: 200 - 499 Very High: >= 500

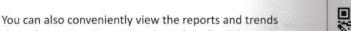
INTERPRETATION: The reference ranges are based on fasting condition. Triglyceride levels change drastically in response to food, increasing as much as 5 to 10 times the fasting levels, just a few hours after eating. Fasting triglyceride levels show considerable diurnal variation too. There is evidence recommending triglycerides estimation in non-fasting condition for evaluating the risk of heart disease and screening for metabolic syndrome, as non-fasting sample is more representative of the "usual" circulating level of triglycerides during most part of the day.

HDL Cholesterol (Serum/Immunoinhibition)	60.7	mg/dL	Optimal(Negative Risk Factor): >= 60 Borderline: 50 - 59 High Risk: < 50
LDL Cholesterol (Serum/Calculated)	87	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190
VLDL Cholesterol (Serum/Calculated)	15	mg/dL	< 30
Non HDL Cholesterol (Serum/Calculated)	102.0	mg/dL	Optimal: < 130 Above Optimal: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very High: >= 220

INTERPRETATION: 1. Non-HDL Cholesterol is now proven to be a better cardiovascular risk marker than LDL Cholesterol. 2.It is the sum of all potentially atherogenic proteins including LDL, IDL, VLDL and chylomicrons and it is the "new bad cholesterol" and is a co-primary target for cholesterol lowering therapy.

> DR.FATHIMA NIFRA MD Pathology Consultant-Pathologist Reg No:95794

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The results pertain to sample tested.

Name : Mrs. ARADHANA SAHU

PID No. : MED121370988

SID No. : 622021168

Age / Sex

: 35 Year(s) / Female

Ref. Dr : MediWheel Register On : 24/09/2022 8:55 AM

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24/09/2022 3:37 PM

Type

Investigation	Observed Value	<u>Unit</u>	Biological Reference Interval
Total Cholesterol/HDL Cholesterol Ratio (Serum/Calculated)	2.7		Optimal: < 3.3 Low Risk: 3.4 - 4.4 Average Risk: 4.5 - 7.1 Moderate Risk: 7.2 - 11.0 High Risk: > 11.0
Triglyceride/HDL Cholesterol Ratio (TG/HDL) (Serum/Calculated)	1.2		Optimal: < 2.5 Mild to moderate risk: 2.5 - 5.0 High Risk: > 5.0
LDL/HDL Cholesterol Ratio (Serum/ Calculated)	1.4		Optimal: 0.5 - 3.0 Borderline: 3.1 - 6.0 High Risk: > 6.0
Glycosylated Haemoglobin (HbA1c)			
HbA1C (Whole Blood/Ion exchange HPLC by D10)	5.2	%	Normal: 4.5 - 5.6 Prediabetes: 5.7 - 6.4 Diabetic: >= 6.5

INTERPRETATION: If Diabetes - Good control: 6.1 - 7.0 %, Fair control: 7.1 - 8.0 %, Poor control >= 8.1 %

Estimated Average Glucose (Whole Blood)

102.54

mg/dL

INTERPRETATION: Comments

HbA1c provides an index of Average Blood Glucose levels over the past 8 - 12 weeks and is a much better indicator of long term glycemic control as compared to blood and urinary glucose determinations.

Conditions that prolong RBC life span like Iron deficiency anemia, Vitamin B12 & Folate deficiency,

hypertriglyceridemia,hyperbilirubinemia,Drugs, Alcohol, Lead Poisoning, Asplenia can give falsely elevated HbA1C values. Conditions that shorten RBC survival like acute or chronic blood loss, hemolytic anemia, Hemoglobinopathies, Splenomegaly, Vitamin E ingestion, Pregnancy, End stage Renal disease can cause falsely low HbA1c.

<u>IMMUNOASSAY</u>

THYROID PROFILE / TFT

T3 (Triiodothyronine) - Total (Serum/ Chemiluminescent Immunometric Assay

1.67

ng/ml

0.7 - 2.04

INTERPRETATION:

Comment:

(CLIA))

Total T3 variation can be seen in other condition like pregnancy, drugs, nephrosis etc. In such cases, Free T3 is recommended as it is Metabolically active.

T4 (Tyroxine) - Total (Serum/

13.69

µg/dl

4.2 - 12.0

Chemiluminescent Immunometric Assay (CLIA))

The results pertain to sample tested.

INTERPRETATION:

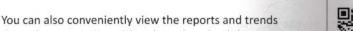
Comment:

Total T4 variation can be seen in other condition like pregnancy, drugs, nephrosis etc. In such cases, Free T4 is recommended as it is Metabolically active.

> DR.FATHIMA NIFRA MD Pathology Consultant-Pathologist Res No: 95794

Please produce bill copy at the time of collecting the

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Name : Mrs. ARADHANA SAHU

PID No. : MED121370988

SID No.

: 622021168

Age / Sex

: 35 Year(s) / Female

Ref. Dr

MediWheel

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Type

: OP

0.35 - 5.50

Investigation

Observed Value

2.99

Unit µIU/mL

Biological Reference Interval

TSH (Thyroid Stimulating Hormone) (Serum /Chemiluminescent Immunometric Assay

(CLIA))

INTERPRETATION:

Reference range for cord blood - upto 20

1 st trimester: 0.1-2.5 2 nd trimester 0.2-3.0 3 rd trimester: 0.3-3.0

(Indian Thyroid Society Guidelines)

Comment:

1.TSH reference range during pregnancy depends on Iodine intake, TPO status, Serum HCG concentration, race, Ethnicity and

2.TSH Levels are subject to circadian variation, reaching peak levels between 2-4am and at a minimum between 6-10PM.The variation can be of the order of 50%,hence time of the day has influence on the measured serum TSH concentrations. 3. Values&lt;0.03 µIU/mL need to be clinically correlated due to presence of rare TSH variant in some individuals.

CLINICAL PATHOLOGY

Urine Analysis - Routine

Colour (Urine)

Pale Yellow

Yellow to Amber

Appearance (Urine)

Slightly Turbid

Clear

Protein (Urine)

Trace

Negative

Glucose (Urine)

Negative

Negative

Pus Cells (Urine)

6-8

/hpf

NIL

Epithelial Cells (Urine)

2-3

/hpf

NIL

RBCs (Urine)

Nil

/hpf

NIL

-- End of Report --

DR.FATHIMA NIFRA MD Pathology Consultant-Pathologist Reg No:95794

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The results pertain to sample tested.



Customer Name	MRS.ARADHANA SAHU	Customer ID	MED121370988
Age & Gender	35Y/FEMALE	Visit Date	24/09/2022
Ref Doctor	MediWheel	Table Duce	24/09/2022

Thanks for your reference

REAL - TIME 2D & 4D ULTRASOUND DONE WITH VOLUSON 730 EXPERT . SONOGRAM REPORT

WHOLE ABDOMEN

Liver:

The liver is normal in size and shows uniform echotexture with no focal abnormality. There is no intra or extra hepatic biliary ductal dilatation.

Gallbladder: The gall bladder is normal sized and smooth walled and contains no calculus.

Pancreas:

The pancreas shows a normal configuration and echotexture.

The pancreatic duct is normal.

Spleen:

The spleen is normal.

Kidneys:

The right kidney measures 9.5 x 3.6 cm. Normal architecture.

The collecting system is not dilated.

The left kidney measures 9.4 x 4.5 cm. Normal architecture.

The collecting system is not dilated.

Urinary

bladder:

The urinary bladder is smooth walled and uniformly transonic.

There is no intravesical mass or calculus.





Customer Name	MRS.ARADHANA SAHU	Customer ID	MED121370988
Age & Gender	35Y/FEMALE	Visit Date	24/09/2022
Ref Doctor	MediWheel		11,00,1002

Uterus:

The uterus is retroverted, and measures 8.5 x 4.0 x 5.4 cm.

Myometrial echoes are homogeneous.

The endometrium is central and normal measures 7 mm in thickness.

Ovaries:

The right ovary measures 2.3 x 2.0 cm.

The left ovary measures 3.0 x 2.1 cm.

No significant mass or cyst is seen in the ovaries.

Parametria are free.

RIF:

Iliac fossae are normal.

No mass or fluid collection is seen in the right iliac fossa.

The appendix is not visualized.

There is no free or loculated peritoneal fluid.

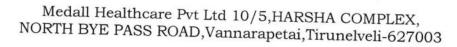
No para aortic lymphadenopathy is seen.

<u>IMPRESSION</u>:

No significant abnormality.

DR. PRARTHANA ANTOUNE ABHIA. DNB RD., CONSULTANT RADIOLOGIST.





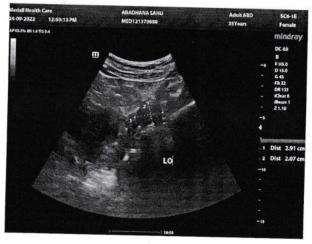


Customer Name	MRS.ARADHANA SAHU		
		Customer ID	MED121370988
Age & Gender	35Y/FEMALE	Visit Date	
Ref Doctor	MediWheel	- Lost Date	24/09/2022



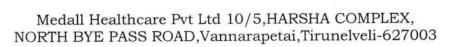














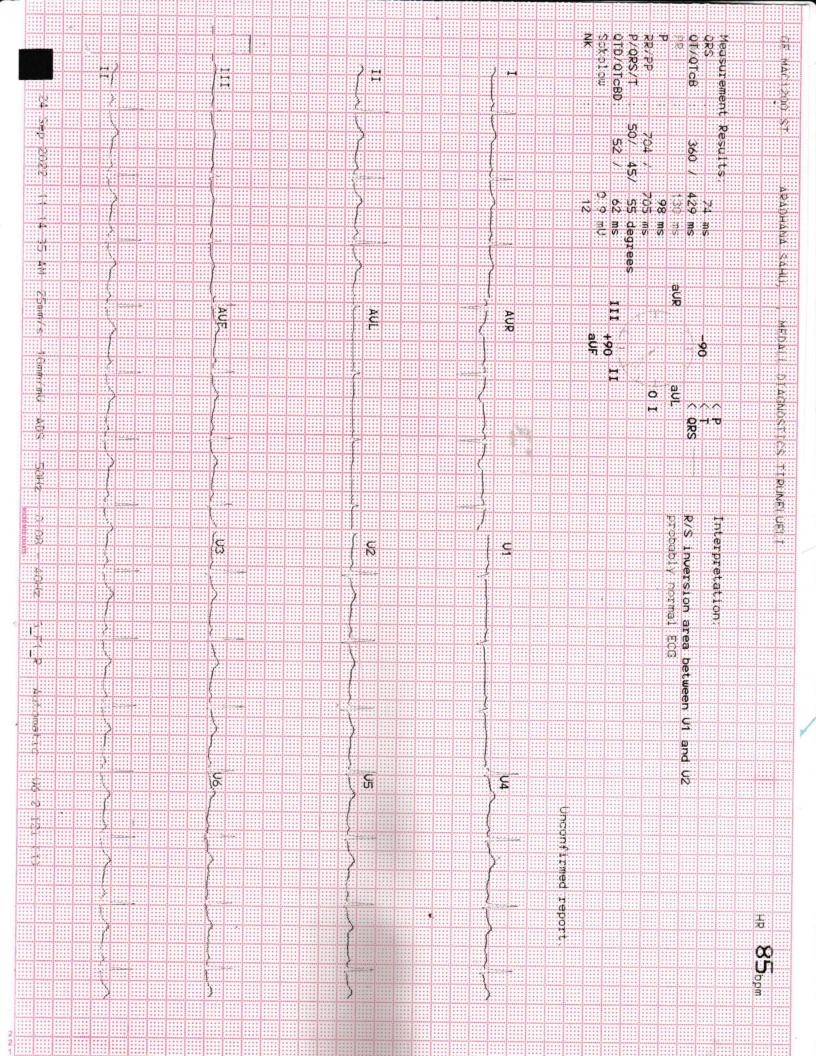
Customer Name	MRS.ARADHANA SAHU	Customer ID	MED121370988
Age & Gender	35Y/FEMALE	Visit Date	24/09/2022
Ref Doctor	MediWheel		













Customer Name	MRS.ARADHANA SAHU	Customer ID	MED121370988
Age & Gender	35Y/FEMALE	Visit Date	24/09/2022
Ref Doctor	MediWheel	Tible Date	24/09/2022

Thanks for your reference

ECHOCARDIOGRAM WITH COLOUR DOPPLER:

LVID d ... 4.9cm LVID s ... 2.9cm EF ... 71% IVS ...0.6cm IVS s ... 1.1cm LVPW d ... 0.5cm LVPW s ... 0.9 cm LA ... 2.9cm AO ... 2.5cm **TAPSE** ... 22mm

Left ventricle, Left atrium normal.

Right ventricle, Right atrium normal.

No regional wall motion abnormality present.

Mitral valve, Aortic valve, Tricuspid valve & Pulmonary valve normal.

Aorta normal.

Inter atrial septum intact.

Inter ventricular septum intact.

No pericardial effusion.





Customer Name	MRS.ARADHANA SAHU	Customer ID	MED121370988
Age & Gender	35Y/FEMALE	Visit Date	24/09/2022
Ref Doctor	MediWheel		21/05/2022

Doppler:

Mitral valve: E: 0.85m/s

A: 0.64m/s

E/A Ratio: 1.33

E/E: 10.45

Aortic valve: AV Jet velocity: 1.42 m/s

Tricuspid valve: TV Jet velocity: 1.50 m/s

TRPG: 8.95 mmHg.

Pulmonary valve: PV Jet velocity: 1.38 m/s

IMPRESSION:

1. Normal chambers & Valves.

2. No regional wall motion abnormality present.

3. Normal LV systolic function.

4. Pericardial effusion - Nil.

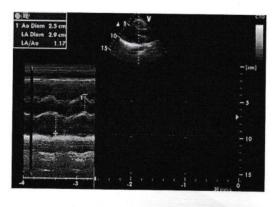
5. No pulmonary artery hypertension.

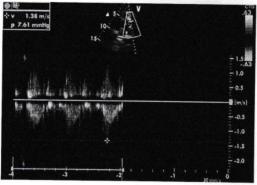
Dr. S. MANIKANDAN. MD.DM.(Cardio)
Cardiologist

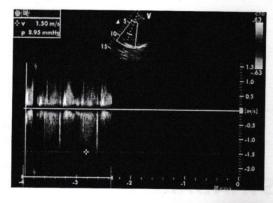


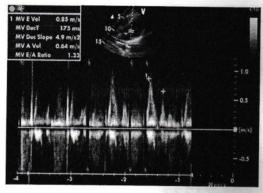
Medall Healthcare Pvt Ltd 10/5,HARSHA COMPLEX, NORTH BYE PASS ROAD,Vannarapetai,Tirunelveli-627003

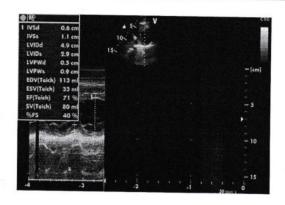
Customer Name	MRS.ARADHANA SAHU	Customer ID	MED121370988
Age & Gender	35Y/FEMALE	Visit Date	24/09/2022
Ref Doctor	MediWheel	Tible Date	24/09/2022

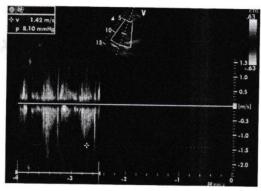


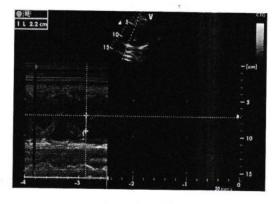


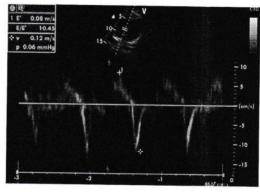


















Customer Name	er Name MRS.ARADHANA SAHU		MED121370988		
Age & Gender	35Y/FEMALE	Visit Date	24.09.2022		
Ref Doctor	MEDIWHEEL 21.05.2022				

Thanks for your reference

DIGITAL X- RAY CHEST PA VIEW

Trachea appears normal.

Cardiothoracic ratio is within normal limits.

Bilateral lung fields appear normal.

Costo and cardiophrenic angles appear normal.

Visualised bony structures appear normal.

Extra thoracic soft tissues shadow grossly appears normal.

IMPRESSION:

* NO SIGNIFICANT ABNORMALITY DEMONSTRATED.

DR. PRARTHANA ANTOLINE ABHIA, DNB, RD., Consultant Radiologist

Reg. No: 112512

MEDICAL EXAMINATION REPORT Arachana Sahu. Name Gender M/F Date of Birth 02/07/1987 Position Selected For Identification marks HISTORY: A. 1. Do you have, or are you being treated for, any of the following coeditions? (please tick all that apply)? Anxiety Cancer High Blood Pressure Arthritis Depression/ bipolar disorder High Cholesterol Asthama, Bronchitis, Emphysema Diabetes Migraine Headaches Back or spinal problems Heart Disease Sinusitis or Allergic Rhinitis (Hay Fever) Epilepsy Any other serious problem for which you are receiving medical attention 2. List the medications taken Regularly. 3. List allergies to any known medications or chemicals 4. Alcohol: No o Occasional 5. Smoking: Yes No Quit(more than 3 years) 6. Respiratory Function: a. Do you become unusually short of breath while walking fast or taking stair - case? b. Do you usually cough a lot first thing in morning? c. Have you vomited or coughed out blood? Yes 7. Cardiovascular Function & Physical Activity: a. Exercise Type: (Select 1) No Activity Very Light Activity (Seated At Desk, Standing) Light Activity (Walking on level surface, house cleaning) Moderate Activity (Brisk walking, dancing, weeding) Vigrous Activity (Soccer, Running) b. Exercise Frequency: Regular (less than 3 days/ week) / Irregular (more than 3 days/ Week) c. Do you feel pain in chest when engaging in physical activity? Yes 8. Hearing: a. Do you have history of hearing troubles? Yes b. Do you experiences ringing in your ears? Yes No c. Do you experience discharge from your ears? Yes d. Have you ever been diagnosed with industrial deafness? Yes 9. Musculo - Skeletal History a. Neck: Have you ever injured or experienced pain? Yes b. Back: If Yes; approximate date (MM/YYYY) c. Shoulder, Elbow, Writs, Hands Consulted a medical professional? Yes d. Hips, Knees, Ankles, Legs Resulted in time of work? Yes No Surgery Required? Yes No

Ongoing Problems ?

Yes

No

10. Function History					
a. Do you have pain o	r discomfort when lifting	or handling hassy shippted			
b. Do you have knee p	-) ou have knee pain when suballing of kneeling?				
	c. Do you have back pain when forwarding or twisting?				
d. Do you have pain o	r difficulty when lifting obi	ects above your shoulder height?	Yes No		
e. Do you have pain	when doing any of the	e following for prolonged periods	Yes No		
appropriate respons	se)	following for prolonged periods	s (Please circle		
•Walking: Yes No		Yes No Squati			
	•Sitting:	Yes No No	ng: Yes No		
o	Bending:	Yes No	witte.		
	hen working with hand too				
g. Do you experience a	any difficulty operating ma	ochinary?	Yes No		
h. Do you have difficult	y operating computer inst	rument?	Yes No		
[7]			Yes No		
- LASMINATIO	L :		Pulse-94		
a. Height 152	b. Weight 53,2	Blood Pressure	7 11 2 mmha		
Chest measurements:	a. Normal	b. Expanded	// (06 mmhg)		
Waist Circumference	-	Ear, Nose & Throat			
Skin					
Vision		Respiratory System	-2 PK 2		
		Nervous System			
Circulatory System		Genito- urinary System	•		
Gastro-intestinal System		Colour Vision			
Discuss Particulars of Section B :-		A			
REMARKS OF PATHOLO	GICAL TESTS:				
Chest X -ray		ECG	<u> </u>		
Complete Blood Count		Urine routine			
Serum cholesterol		Blood sugar			
Blood Group	•	_			
CONCLUSION:		S.Creatinine			
Any further investigations re	quired	Any precautions suggested			
		y productions daggested			
	•				
FITNESS CERTIFICATION			7		
Certified that the above na	med recruit does not a	ppear to be suffering from any	diagona as manual at the		
or otherwise, constitut	Contract to the second		disease communicable		
		, , , , , , , , , , , , , , , , , , ,	- 129		
	I do not conside	r this as disqualification for employ	ment in the Company. S		
Candidate is free	from Contagious/Con		# T .		
Garididate is field	from Contagious/Con	imunicable disease			
: 24 09.22			24		
1000		Cianation	e of Medical Adviser		

a Ostor

Dr. S.MANIKANDAN M.D.D.M. (Cardle) Asst. Prefessor of Cardiology

Customer Name	mrs. pradhonasahu	Customer ID	MED121370988
Age & Gender	35 F	Visit Date	24.09.22

Eye Screening

With spectacles / without spectacles (strike out whichever is not applicable)

Right Eye

Near Vision

N/b

NIB

Distance Vision

Right Eye

NIB

NIB

NOTICE

Observation / Comments: _Ni(,

