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## HEALTH & FAMILY WELFARE DEPARTMENT

### NOTIFICATION

The 18th March 2023

No. 6268—HFW-SCH-NRHM-0004/2023-H.—Health & Family Welfare Department, Government of Odisha is committed to provide accessible and affordable quality health care to the people of the State. In view of the goals of universal health coverage and in order to reduce the out of pocket expenditure towards Diagnostic at Public Health Facilities, “Free Diagnostic Services - Nidaan” was announced by Hon’ble Chief Minister on the 19th December 2017 and launched on the 1st January 2018 vide Letter No. 15850, dated the 23rd December 2017.

The main objectives of Nidaan is to ensure assured diagnostic services in public health facilities as per its level of care so as to reduce the out of pocket spending (OOPS) towards diagnostics through strengthening of public health facilities; and to establish collaboration with private service providers to ensure High end Pathology tests, Tele-radiology (X-Ray), MRI & CT-Scan services at public health facilities.

Keeping in view the healthcare needs of the population and to augment the diagnostic services under “Nidaan”, Government in Health & Family Welfare Department have been pleased to expand the range of assured diagnosis services (Essential Diagnostic List) for different categories of facilities as per its level with following stipulations:

- i. The ‘Nidaan’ - Free Diagnostic Services’ is assured for all population of the State attending public health facilities both inpatient and outpatient health care.
- ii. Under “Nidaan” the identified diagnostic services have been provided to in-house/ outsourced mode in all public health facilities from Sub Centres to Medical Colleges & Hospitals on free of cost to all patients from the 1st January 2018.
- iii. As per the revised Essential Diagnostic List, 16 types of test at Sub Centres (SCs), 65 types of test at Primary Health Centre (PHC-N), 103 types of test at Community Health Centres, 121 types of test at Subdivisional Hospitals and 145 types of test at District Headquarter Hospitals will be assured to all patients. However, all Govt. Medical College & Hospitals would continue to provide 221 types of test as per the previous order. However, the Essential Diagnostic List may be modified keeping in view the priority of the State and the disease burden from time to time. The essential diagnostic list for different categories of facilities is attached at Annexure-A.

- iv. For General Pathology Services, kit/ POC based test will be done at Sub Centres and PHC(N) / OH without DMCs and through integrated lab as well as through Kit-based test at PHCs, CHCs, SDHs, DHHs & other bedded hospitals. However, it will be provided at different service delivery locations at all Government Medical College & Hospitals.
- v. 52(38 up to U/CHC level and 14 for U/PHC level) types of Pathology tests will be provided through outsourced agency selected through Gem tender. Agency will establish sample collection centers at all Block CHCs/UCHCs, SDHs & DHHs and provide services as per the terms and conditions of the MoU conditionalities. The list of high-end pathological tests & defined time frame for report is attached at Annexure-B.
- vi. Provision should be made to ensure quality of tests which are dependable, accurate, timely, easily accessible and affordable to the people.
- vii. All essential diagnostic services will be provided only to the patients referred from the public health facilities in the State.
- viii. No reimbursement will be given to patients for tests prescribed in public facilities but conducted in private centers.
- ix. List of assured diagnostic services will be displayed in all public facilities in prominent places for public information and awareness.
- x. As the identified services will be provided free of cost hence, no user fees will be collected from patients towards assured diagnostic services as per list at all public health facilities including Govt. Medical Colleges & Hospitals which was waived with effect from the 1st January 2018.
- xi. The loss of user fees collection will be compensated through release of commensurate institutional developmental cost to all public health facilities.
- xii. All types of tests should be provided based on existing Standard Treatment Guidelines and Standard Operating Procedures (SOP) available for different diseases or conditions and to be provided from time to time. Moreover, all types of investigations need to be carried out for the right reasons, on the right specimens, at the right times and right places and the result need to be interpreted and used appropriately.
- xiii. Quality of services will be ensured through appropriate external and internal quality assurance and quality control measures, as prescribed in National Quality Assurance Standards (NQAS) and other statutory provision like AERB etc.
- xiv. The laboratory and bio-medical safety guidelines must be followed strictly for safety of both patients and service providers.
- xv. The detailed modalities for payment to outsourced agency for different types of tests will be intimated subsequently along with MoU conditionalities.
- xvi. Expenditure towards effective implementation of free diagnostic services may be done as per the guidelines issued from time to time under NHM, Nidaan, XV-FC etc.

By order of the Governor

SHALINI PANDIT

Commissioner-cum-Secretary to Government

| Odisha Essential Diagnostic List -2023 |                                                                                                                   |               |     |     |     |     |                     |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------|-----|-----|-----|-----|---------------------|
| Sl.                                    | Type of Test                                                                                                      | In-house/ PPP |     |     |     |     |                     |
|                                        |                                                                                                                   | DHH           | SDH | CHC | PHC | SC  | PPP                 |
| 1                                      | Hemoglobin (Hb Meter)                                                                                             | Yes           | Yes | Yes | Yes | Yes |                     |
| 2                                      | Hemoglobin(CBC)                                                                                                   | Yes           | Yes | Yes | Yes |     |                     |
| 3                                      | Total leucocyte count                                                                                             | Yes           | Yes | Yes | Yes |     |                     |
| 4                                      | Differential leucocyte count                                                                                      | Yes           | Yes | Yes | Yes |     |                     |
| 5                                      | Platelet count                                                                                                    | Yes           | Yes | Yes | Yes |     |                     |
| 6                                      | Complete blood count                                                                                              | Yes           | Yes | Yes | Yes |     |                     |
| 7                                      | Erythrocyte sedimentation rate(ESR)                                                                               | Yes           | Yes | Yes | Yes |     |                     |
| 8                                      | Blood group and Rh typing                                                                                         | Yes           | Yes | Yes | Yes |     |                     |
| 9                                      | Blood cross matching (Only At Blood Bank)                                                                         | Yes           | Yes | Yes |     |     |                     |
| 10                                     | Peripheral blood film(PFB Peripheral Blood Smearwith Pathologist Sl.6) with CBC report                            | Yes           | Yes | Yes | Yes |     | Yes                 |
| 11                                     | Reticulocyte count                                                                                                | Yes           | Yes | Yes | Yes |     |                     |
| 12                                     | Absolute eosinophil count                                                                                         | Yes           | Yes | Yes | Yes |     |                     |
| 13                                     | Total Red Blood Cell Count                                                                                        | Yes           | Yes | Yes | Yes |     |                     |
| 14                                     | Packed Cell Volume                                                                                                | Yes           |     |     |     |     |                     |
| 15                                     | Bleeding time and clotting time                                                                                   | Yes           | Yes | Yes | Yes |     |                     |
| 16                                     | Fibrinogen degradation products (FDP)                                                                             | Yes           | Yes |     |     |     |                     |
| 17                                     | D-Dimer                                                                                                           | Yes           | Yes |     |     |     |                     |
| 18                                     | Coombs test direct with titre (At Blood Bank )                                                                    | Yes           | Yes | Yes |     |     |                     |
| 19                                     | Coombs test indirect with titre (At Blood Bank )                                                                  | Yes           | Yes | Yes |     |     |                     |
| 20                                     | Sickling Test for screening of Sickle cell anemia(Test for Sickling /Hb HPLC)                                     | Yes           | Yes | Yes | Yes |     | Yes                 |
| 21                                     | Sickle cell test rapid for screening of Sickle cell anemia                                                        | Yes           | Yes | Yes | Yes | Yes |                     |
| 22                                     | Thalasemia Studies (Red Cell Indices and Hb HPLC)/Rapid Test for screening                                        | Yes           | Yes | Yes | Yes | Yes | Yes                 |
| 23                                     | Quantitative test for G6PD enzyme deficiency                                                                      | Yes           | Yes | Yes | Yes |     | Yes ( Only for PHC) |
| 24                                     | MP slide method                                                                                                   | Yes           | Yes | Yes | Yes |     |                     |
| 25                                     | Malaria rapid test                                                                                                | Yes           | Yes | Yes | Yes | Yes |                     |
| 26                                     | Prothrombin Time (PT) and INR                                                                                     | Yes           | Yes | Yes |     |     |                     |
| 27                                     | Activated partial thromboplastin time                                                                             | Yes           | Yes | Yes |     |     |                     |
| 28                                     | Mixing study and Factor VIII Assay for Hemophilia                                                                 | Yes           |     |     |     |     |                     |
| 29                                     | Human chorionic gonadotropin (HCG) (Urine test for pregnancy)                                                     | Yes           | Yes | Yes | Yes | Yes |                     |
| 30                                     | Urine test for ph, specific gravity, leucocyte esterase, glucose, bilirubin, urobilogen, ketone, protein, nitrite | Yes           | Yes | Yes | Yes | Yes |                     |
| 31                                     | Urine Microscopy                                                                                                  | Yes           | Yes | Yes | Yes |     |                     |
| 32                                     | 24-hours urinary protein                                                                                          | Yes           | Yes | Yes |     |     |                     |
| 33                                     | Urine for microalbumin                                                                                            | Yes           | Yes | Yes |     |     |                     |
| 34                                     | Stool for ova and cyst( Stool Microscopy)                                                                         | Yes           | Yes | Yes | Yes |     |                     |
| 35                                     | Stool for Occult Blood                                                                                            | Yes           | Yes | Yes | Yes |     |                     |
| 36                                     | Semen analysis                                                                                                    | Yes           | Yes | Yes | Yes |     |                     |
| 37                                     | Test for Dengue                                                                                                   | Yes           | Yes | Yes | Yes | Yes |                     |
| 38                                     | RPR/VDRL test for syphilis                                                                                        | Yes           | Yes | Yes | Yes | Yes |                     |
| 39                                     | HIV test (Antibodies 1 and 2)                                                                                     | Yes           | Yes | Yes | Yes | Yes |                     |
| 40                                     | Hepatitis B surface antigen test                                                                                  | Yes           | Yes | Yes | Yes | Yes |                     |
| 41                                     | IgM antibody to hepatitis B core antigen IgM anti-HBc)                                                            | Yes           | Yes |     |     |     |                     |
| 42                                     | HCV Antibody Test (Anti HCV)                                                                                      | Yes           | Yes | Yes | Yes |     |                     |
| 43                                     | Sputum, pus etc. for AFB                                                                                          | Yes           | Yes | Yes | Yes | Yes |                     |
| 44                                     | Typhoid test (IgM)                                                                                                | Yes           | Yes | Yes | Yes |     |                     |
| 45                                     | Blood sugar(Random Blood Sugar)                                                                                   | Yes           | Yes | Yes | Yes | Yes |                     |
| 46                                     | Blood sugar                                                                                                       | Yes           | Yes | Yes | Yes |     |                     |
| 47                                     | Glucose Tolerance test (GTT)                                                                                      | Yes           | Yes | Yes | Yes |     | Yes ( Only for PHC) |
| 48                                     | S. Bilirubin (T)                                                                                                  | Yes           | Yes | Yes | Yes |     | Yes ( Only for PHC) |
| 49                                     | S. Bilirubin direct and indirect                                                                                  | Yes           | Yes | Yes |     |     |                     |
| 50                                     | Serum creatinine                                                                                                  | Yes           | Yes | Yes | Yes |     | Yes ( Only for PHC) |
| 51                                     | Blood Urea                                                                                                        | Yes           | Yes | Yes | Yes |     | Yes ( Only for PHC) |
| 52                                     | SGPT                                                                                                              | Yes           | Yes | Yes | Yes |     | Yes ( Only for PHC) |
| 53                                     | SGOT                                                                                                              | Yes           | Yes | Yes | Yes |     | Yes ( Only for PHC) |
| 54                                     | S. Alkaline Phosphatase                                                                                           | Yes           | Yes | Yes | Yes |     | Yes ( Only for PHC) |
| 55                                     | S. Total Protein                                                                                                  | Yes           | Yes | Yes |     |     |                     |
| 56                                     | S. Albumin & AG ratio                                                                                             | Yes           | Yes | Yes |     |     |                     |

## Odisha Essential Diagnostic List -2023

| Sl. | Type of Test                                                         | In-house/ PPP |     |     |     |     |                     |
|-----|----------------------------------------------------------------------|---------------|-----|-----|-----|-----|---------------------|
|     |                                                                      | DHH           | SDH | CHC | PHC | SC  | PPP                 |
| 57  | S. Globulin                                                          | Yes           | Yes | Yes |     |     |                     |
| 58  | S. Total Cholesterol                                                 | Yes           | Yes | Yes | Yes |     | Yes ( Only for PHC) |
| 59  | S. Triglycerides                                                     | Yes           | Yes | Yes | Yes |     | Yes ( Only for PHC) |
| 60  | S. VLDL                                                              | Yes           | Yes | Yes |     |     |                     |
| 61  | S. HDL                                                               | Yes           | Yes | Yes | Yes |     | Yes ( Only for PHC) |
| 62  | S. LDL                                                               | Yes           | Yes | Yes | Yes |     | Yes ( Only for PHC) |
| 63  | S. GGT                                                               | Yes           | Yes | Yes |     |     |                     |
| 64  | S. Uric acid                                                         | Yes           | Yes | Yes |     |     |                     |
| 65  | S. Amylase                                                           | Yes           | Yes | Yes |     |     |                     |
| 66  | S. Iron                                                              | Yes           | Yes |     |     |     |                     |
| 67  | S. Total Iron binding capacity                                       | Yes           | Yes |     |     |     |                     |
| 68  | S. LDH                                                               | Yes           | Yes | Yes |     |     |                     |
| 69  | Glycosylated haemoglobin (HbA1C)                                     | Yes           | Yes | Yes | Yes |     | Yes                 |
| 70  | S. Sodium                                                            | Yes           | Yes | Yes |     |     |                     |
| 71  | S. Potassium                                                         | Yes           | Yes | Yes |     |     |                     |
| 72  | S. Calcium                                                           | Yes           | Yes | Yes |     |     |                     |
| 73  | S. Ionised Calcium                                                   | Yes           |     |     |     |     |                     |
| 74  | S. Chloride                                                          | Yes           |     |     |     |     |                     |
| 75  | S. Magnesium                                                         | Yes           |     |     |     |     |                     |
| 76  | Arterial blood gas test                                              | Yes           |     |     |     |     |                     |
| 77  | Smear for RTI/STI                                                    | Yes           | Yes | Yes | Yes |     |                     |
| 78  | Smear for leprosy                                                    | Yes           |     |     |     |     |                     |
| 79  | Gram staining for clinical specimen                                  | Yes           | Yes | Yes | Yes |     |                     |
| 80  | Throat swab for Diphtheria                                           | Yes           | Yes | Yes |     |     |                     |
| 81  | Stool for hanging drop for Vibrio Cholera                            | Yes           | Yes | Yes |     |     |                     |
| 82  | Visual Inspection Acetic Acid (VIA)                                  | Yes           | Yes | Yes | Yes | Yes |                     |
| 83  | rK39 for Kala Azar*                                                  | Yes           | Yes | Yes | Yes |     |                     |
| 84  | Smear for Filariasis*                                                | Yes           | Yes | Yes | Yes | Yes |                     |
| 85  | TB – Mantoux                                                         | Yes           | Yes | Yes | Yes |     |                     |
| 86  | Japanese Encephalitis IgM - Blood, CSF (confirmatory)                | Yes           |     |     |     |     |                     |
| 87  | Scrub typhus Test*                                                   | Yes           |     |     |     |     |                     |
| 88  | Test for Leptospirosis*                                              | Yes           | Yes |     |     |     |                     |
| 89  | Test for Chikungunya                                                 | Yes           |     |     |     |     |                     |
| 90  | IgM for Measles                                                      | Yes           |     |     |     |     |                     |
| 91  | IgM for Hepatitis A                                                  | Yes           |     |     |     |     |                     |
| 92  | IgM for Hepatitis E                                                  | Yes           |     |     |     |     |                     |
| 93  | Rapid antigen detection test for Bacterial meningitis (Meningococci) | Yes           |     |     |     |     |                     |
| 94  | S.TSH (including for new-born screening)                             | Yes           | Yes | Yes | Yes |     | Yes                 |
| 95  | T3                                                                   | Yes           | Yes | Yes | Yes |     | Yes                 |
| 96  | T4                                                                   | Yes           | Yes | Yes | Yes |     | Yes                 |
| 97  | T3,T4,TSH                                                            | Yes           | Yes | Yes | Yes |     | Yes                 |
| 98  | S.Free T3                                                            | Yes           | Yes | Yes |     |     | Yes                 |
| 99  | S.Free T4                                                            | Yes           | Yes | Yes |     |     | Yes                 |
| 100 | S. Ferritin                                                          | Yes           | Yes | Yes |     |     |                     |
| 101 | Troponin - I/Troponin - T(Rapid card)                                | Yes           | Yes | Yes |     |     |                     |
| 102 | S.Beta HCG                                                           | Yes           | Yes |     |     |     | Yes                 |
| 103 | S.Prolactin                                                          | Yes           | Yes | Yes |     |     | Yes                 |
| 104 | S. Anti-Mullerian hormone (AMH)                                      | Yes           | Yes | Yes |     |     |                     |
| 105 | S. Alfa Feto protein                                                 | Yes           | Yes |     |     |     | Yes                 |
| 106 | S. CA-125                                                            | Yes           | Yes |     |     |     | Yes                 |
| 107 | S. CEA                                                               | Yes           | Yes |     |     |     | Yes                 |
| 108 | S.Procalcitonin                                                      | Yes           | Yes |     |     |     | Yes                 |
| 109 | S. PSA                                                               | Yes           | Yes |     |     |     | Yes                 |
| 110 | S.Vitamin B12                                                        | Yes           | Yes |     |     |     | Yes                 |
| 111 | S. Vitamin D                                                         | Yes           | Yes |     |     |     | Yes                 |
| 112 | TORCH IgM and IgG                                                    | Yes           |     |     |     |     |                     |
| 113 | S. Thyroid peroxidase antibody                                       | Yes           |     |     |     |     | Yes                 |
| 114 | Anti-cyclic citrullinated peptide (anti-CCP)                         | Yes           | Yes | Yes |     |     | Yes                 |
| 115 | RA factor (Quantitative)                                             | Yes           | Yes | Yes | Yes |     | Yes ( Only for PHC) |
| 116 | CRP(including new born) Quantitative)                                | Yes           | Yes | Yes | Yes |     | Yes ( Only for PHC) |
| 117 | Anti-nuclear antibody (ANA)                                          | Yes           |     |     |     |     | Yes                 |
| 118 | Scrap Cytology                                                       | Yes           | Yes | Yes |     |     | Yes                 |
| 119 | Pap smear                                                            | Yes           | Yes | Yes | Yes |     | Yes                 |

| Odisha Essential Diagnostic List -2023 |                                                                                          |               |     |     |     |     |     |
|----------------------------------------|------------------------------------------------------------------------------------------|---------------|-----|-----|-----|-----|-----|
| Sl. No.                                | Type of Test                                                                             | In-house/ PPP |     |     |     |     |     |
|                                        |                                                                                          | DHH           | SDH | CHC | PHC | SC  | PPP |
| 120                                    | FNAC                                                                                     | Yes           |     |     |     |     | Yes |
| 121                                    | CSF analysis (Glucose, CSF protein, ADA, cell count)                                     | Yes           | Yes | Yes |     |     | Yes |
| 122                                    | Biochemical (CSF/Pleural/Ascitic Fluid)                                                  | Yes           | Yes | Yes |     |     | Yes |
| 123                                    | Cytological (CSF/Pleural/Ascitic Fluid)                                                  | Yes           | Yes | Yes |     |     | Yes |
| 124                                    | ADA((CSF/Pleural/Ascitic Fluid)                                                          | Yes           | Yes | Yes |     |     | Yes |
| 125                                    | Histopathology (Biopsy-Paraffin Section)                                                 | Yes           | Yes | Yes |     |     | Yes |
| 126                                    | Bone marrow examination (Smear Examination & Cytchemistry )                              | Yes           | Yes |     |     |     | Yes |
| 127                                    | Bone marrow examination (Smear Examination)                                              | Yes           | Yes |     |     |     | Yes |
| 128                                    | Immunohistochemistry                                                                     | Yes           |     |     |     |     | Yes |
| 129                                    | CD4 count (Only At ART Centers)                                                          | Yes           |     |     |     |     |     |
| 130                                    | Viral load count for HCV (PCR)                                                           | Yes           | Yes | Yes | Yes |     |     |
| 131                                    | Viral load count for HBV (PCR)                                                           | Yes           | Yes | Yes | Yes |     |     |
| 132                                    | Blood culture(Automated)                                                                 | Yes           | Yes | Yes |     |     | Yes |
| 133                                    | Urine culture                                                                            | Yes           | Yes | Yes | Yes |     | Yes |
| 134                                    | Fungal culture                                                                           | Yes           | Yes |     |     |     | Yes |
| 135                                    | Other cultures (pus, throat swab etc.)                                                   | Yes           | Yes |     |     |     |     |
| 136                                    | Culture for Diphtheria                                                                   | Yes           |     |     |     |     |     |
| 137                                    | Culture of stool specimen for Vibrio cholerae and other common bacterial enteropathogens | Yes           |     |     |     |     |     |
| 138                                    | Organism identification and antimicrobial sensitivity for cultures (Automated)           | Yes           | Yes | Yes |     |     |     |
| 139                                    | Mycobacterial culture and DST                                                            | Yes           |     |     |     |     | Yes |
| 140                                    | Hemoglobin electrophoresis/HPLC                                                          | Yes           | Yes | Yes |     |     |     |
| 141                                    | Protein electrophoresis                                                                  | Yes           | Yes | Yes |     |     | Yes |
| 142                                    | Nucleic Acid Amplification Test (NAAT) for TB                                            | Yes           | Yes | Yes | Yes |     |     |
| 143                                    | Early Infant Diagstic test for HIV - Qualitative HIV-1 DNA PCR (ICTC)                    | Yes           |     |     |     |     |     |
| 144                                    | Quantitative virological nucleic acid test for HIV                                       | Yes           |     |     |     |     |     |
| 145                                    | Test for iodine in salt (used for food)                                                  | Yes           | Yes | Yes | Yes | Yes |     |
| 146                                    | Water testing for fecal contamination and chlorination                                   | Yes           | Yes | Yes | Yes | Yes |     |
| TOTAL                                  |                                                                                          | 146           | 121 | 103 | 65  | 16  | 52  |

NB: Those tests are not available PPP mode, but it is part EDL of the different categories of Institutions, in such cases, the respective institution can send sample to their respective in-house hubs (CHC/SDH/DHH), if required

\* only for endemic areas

**Annexure- B****List of Laboratory Tests to be outsourced from different Government Health Institution****A. List of tests to be outsourced in District Headquarter Hospital, SDH & CHCs**

| Sl. | Name of Tests                                                              | Sl. No. Reference in the CGHS<br>-2014 Bhubaneswar list | Reporting Time Frame<br>(including transportation time ) |
|-----|----------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------|
| 1   | Peripheral Blood Film(PFB Peripheral Blood Smear with CBC) with CBC report | 1394                                                    | Up to 1 day                                              |
| 2   | TSH, T3, T4                                                                | 1559                                                    | Up to 3 days                                             |
| 3   | T3                                                                         | 1560                                                    | Up to 3 days                                             |
| 4   | T4                                                                         | 1561                                                    | Up to 3 days                                             |
| 5   | TSH                                                                        | 1562                                                    | Up to 3 days                                             |
| 6   | CSF(Biochemical / Cytological / ADA)                                       | 1460                                                    | Up to 1 day                                              |
| 7   | Pleural Fluid (Biochemical / Cytological / ADA)                            | 1460                                                    | Up to 1 day                                              |
| 8   | Ascitic Fluid (Biochemical / Cytological / ADA)                            | 1460                                                    | Up to 1 day                                              |
| 9   | HbA1C                                                                      | 1510                                                    | Up to 1 day                                              |
| 10  | Histopathology (Biopsy – Paraffin Section)                                 | 1436                                                    | Up to 8 days                                             |
| 11  | Bone Marrow Aspiration (Smear Examination)                                 | 1403                                                    | Up to 8 days                                             |
| 12  | Bone Marrow Aspiration (Smear Examination & Cytochemistry)                 | 1405                                                    | Up to 8 days                                             |
| 13  | FNAC                                                                       | 1439                                                    | Up to 8 days                                             |
| 14  | Scrap Cytology                                                             | 1437                                                    | Up to 8 days                                             |
| 15  | PAP Smear                                                                  | 1437                                                    | Up to 8 days                                             |
| 16  | Bacterial Culture and Sensitivity of Urine / other body fluids             | 1739                                                    | Final Report on 3 <sup>rd</sup> Day                      |
| 17  | Bacterial Culture and Sensitivity of Blood                                 | 1739                                                    | Final Report on 6 <sup>th</sup> Day                      |
| 18  | Myco Bacterial Culture and Sensitivity                                     | 1740                                                    | Final Report on 6 <sup>th</sup> Day                      |
| 19  | Fungal Culture                                                             | 1741                                                    | Final Report on 6 <sup>th</sup> Day                      |
| 20  | Thalasemia Studies (Red Cell Indices and Hb HPLC)                          | 1416                                                    | Final Report on 4 <sup>th</sup> Day                      |
| 21  | Test for Sickling / Hb HPLC                                                | 1417                                                    | Final Report on 3 <sup>rd</sup> Day                      |

| Sl. | Name of Tests                                        | Sl. No. Reference in the CGHS<br>-2014 Bhubaneswar list | Reporting Time Frame<br>(including transportation time ) |
|-----|------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------|
| 22  | S.Free T3                                            | 1821                                                    | Up to 3 days                                             |
| 23  | S.Free T4                                            | 1822                                                    | Up to 3 days                                             |
| 24  | S.Beta HCG                                           | 1542                                                    | Up to 3 days                                             |
| 25  | S. Alfa Feto Protein                                 | 1541                                                    | Up to 3 days                                             |
| 26  | S. PSA                                               | 1539                                                    | Up to 3 days                                             |
| 27  | S.Vitamin B12                                        | 1518                                                    | Up to 3 days                                             |
| 28  | S. Vitamin D                                         | 1552                                                    | Up to 3 days                                             |
| 29  | S. Thyroid Peroxidase Antibody                       | 1575                                                    | Up to 3 days                                             |
| 30  | Anti-cyclic citrullinated peptide (Anti-CCP)         | 1555                                                    | Up to 3 days                                             |
| 31  | Anti-nuclear antibody (ANA)                          | 1473                                                    | Up to 3 days                                             |
| 32  | Immuno-histochemistry                                | 1434                                                    | Up to 8 days                                             |
| 33  | Protein Electrophoresis                              | 1529                                                    | Up to 4 days                                             |
| 34  | Serum Prolactin                                      | 1565                                                    | Up to 3 days                                             |
| 35  | S.CA-125                                             | 1543                                                    | Up to 3 days                                             |
| 36  | S.CEA                                                | 1548                                                    | Up to 3 days                                             |
| 37  | S Procalcitonin                                      | 1792                                                    | Up to 3 days                                             |
| 38  | CSF Analysis (Glucose, CSF protein, ADA, cell count) | 1736                                                    | Up to 1 day                                              |

**B. List of tests to be outsourced from PHC**

| Sl. | Name of Tests                                | Sl. No. Reference in the CGHS<br>-2014 Bhubaneswar list | Reporting Time Frame<br>(including transportation time ) |
|-----|----------------------------------------------|---------------------------------------------------------|----------------------------------------------------------|
| 1   | Quantitative test for G6PD enzyme deficiency | 1500                                                    | Up to 1 Day                                              |
| 2   | Glucose Tolerance test (GTT)                 | 1488                                                    | Up to 1 Day                                              |
| 3   | S. Bilirubin (T)                             | 1456                                                    | Up to 1 Day                                              |
| 4   | Serum Creatinine                             | 1447                                                    | Up to 1 Day                                              |
| 5   | Blood Urea                                   | 1446                                                    | Up to 1 Day                                              |
| 6   | SGPT                                         | 1475                                                    | Up to 1 Day                                              |
| 7   | SGOT                                         | 1476                                                    | Up to 1 Day                                              |

| Sl. | Name of Tests                          | Sl. No. Reference in the CGHS<br>-2014 Bhubaneswar list | Reporting Time Frame<br>(including transportation time ) |
|-----|----------------------------------------|---------------------------------------------------------|----------------------------------------------------------|
| 8   | S. Alkaline Phosphatase                | 1494                                                    | Up to 1 Day                                              |
| 9   | S. Total Cholesterol                   | 1514                                                    | Up to 2 Days                                             |
| 10  | S. Triglycerides                       |                                                         |                                                          |
| 11  | S. HDL                                 |                                                         |                                                          |
| 12  | S. LDL                                 |                                                         |                                                          |
| 13  | RA Factor (Quantitative)               | 1453                                                    | Up to 3 Days                                             |
| 14  | CRP (including newborn) (Quantitative) | 1459                                                    | Up to 2 Days                                             |

Note: The reporting time (Turnaround time) shall be calculated from the **time of sample collection at the respective spokes and the reporting time of the concerned hub.**