



## Additional Information

### METRIC NO: 2.2.1

#### THE INSTITUTION ASSESSES THE LEARNING LEVELS OF THE STUDENTS AND ORGANIZES SPECIAL PROGRAMMES FOR ADVANCED LEARNERS AND SLOW LEARNERS

The institution evaluates students' learning levels and organizes special programs tailored to both advanced learners and those who need additional support. These programs are designed to cater to the unique needs of each group, ensuring that every student can achieve their full potential. Here are a few examples:

#### DEPARTMENT OF ELECTRONICS

Semester	Assessment Mode	Date	Question Link
I	Aptitude Test	12.10.2023	<a href="#">Annexture 1</a>

Sl. No.	Roll No.	Name of Student	Advance / Slow Learner
1	43	Ahitagnik Paul	Slow Learner
2	988	Rupak Adhikary	Slow Learner
3	241	Suman Das	Advance Learner
4	1201	Swapnil Biswas	Advance Learner

Semester	Assessment Mode	Date	Question Link
III	Aptitude Test	12.10.2023	<a href="#">Annexture 2</a>

Sl. No.	Roll No.	Name of Student	Advance / Slow Learner
1	497	Aranya Pratim Mondal	Slow Learner
2	309	Deep Jyoti Ghosh	Slow Learner
3	273	Rahul Maity	Slow Learner
4	183	Solanki Roy	Advance Learner

Semester	Assessment Mode	Date	Question Link
V	Aptitude Test	12.10.2023	<a href="#">Annexture 3</a>

Sl. No.	Roll No.	Name of Student	Advance / Slow Learner
1	294	Biswayan Roy	Slow Learner
2	316	Ayan Manna	Slow Learner
3	321	Soumyajit Mukherjee	Advance Learner
4	325	Jit Kundu	Slow Learner
5	624	Snehasish Bhattacharya	Slow Learner
6	697	Akash Maiti	Advance Learner
7	698	Tushar Ganguly	Slow Learner
8	709	Dhriti Sharma	Slow Learner
9	788	Ankita Patra	Advance Learner
10	1037	Bitan Roy	Slow Learner
11	1049	Anwasha Guha	Slow Learner
12	1299	Parthib Jadab Roy	Slow Learner
13	1455	Monit Mitra	Advance Learner

**DEPARTMENT OF PHYSICS**

<b>Semester</b>	<b>Assessment Mode</b>	<b>Date</b>	<b>Question Link</b>
I	Assignment CC_1_LMS_1	02.02.2024	<a href="#">Annexture 4</a>
Full Marks: 10		Qualifying Marks: 4	

<b>Sl. No.</b>	<b>Roll No.</b>	<b>Name of Student</b>	<b>Marks</b>	<b>Advance / Slow Learner</b>
1	2133	Sourisri Das	8	Advance Learner
2	1359	Rupal Maitra	4	Advance Learner
3	0942	Shayan Paul	4	Advance Learner
4	1313	Arka Koley	6	Advance Learner
5	0867	Aditya Shanker	4	Advance Learner
6	0720	Bartika Paik	5	Advance Learner
7	2048	Chandramouli Chakraborty	6	Advance Learner
8	1069	Sangita Halder	4	Advance Learner
9	1989	Harsh Bhowal	3	Slow Learner
10	0556	Subhadeep Bhattacharya	3	Slow Learner
11	1992	Akash Kumar Sah	4	Advance Learner
12	0619	Samim Roushan	3	Slow Learner
13	2178	Alok Dandapat	3	Slow Learner
14	1020	Saptarshi Ray	4	Advance Learner
15	0827	Sanket Sarkar	7	Advance Learner
16	0589	Soubana Ghatak	8	Advance Learner
17	1689	Srinjoy Saha	6	Advance Learner
18	1029	Md Sehbaz Ahmed Ansari	5	Advance Learner
19	1905	Arja Banerjee	3	Slow Learner
20	2011	Koulik Das	5	Advance Learner
21	1887	Barnita Thokdar	6	Advance Learner

22	0808	Rohan Saha	6	Advance Learner
23	1138	Sk Altaf Ali	3	Slow Learner
24	0382	Tarash Murmu	9	Advance Learner
25	1086	Debopriya Das	8	Advance Learner
26	0443	Rimil Soren	3	Slow Learner

Semester	Assessment Mode	Date	Question Link
I	Internal / Gnuplot	03.02.2024	<a href="#">Annexture 5</a>
Full Marks: 30		Qualifying Marks: 15	

Sl. No.	Roll No.	Name of Student	Marks	Advance / Slow Learner
1	1689	Srinjoy Saha	15	Advance Learner
2	1359	Rupal Maitra	10	Slow Learner
3	0867	Aditya Shanker	14	Slow Learner
4	1138	Sk Altaf Ali	12	Slow Learner
5	0382	Tarash Murmu	12	Slow Learner
6	0942	Shayan Paul	12	Slow Learner
7	0443	Rimil Soren	12	Slow Learner
8	2178	Alok Dandapat	12	Slow Learner
9	1989	Harsh Bhowal	12	Slow Learner
10	2011	Koulik Das	12	Slow Learner
11	2085	Akash Paul	26	Advance Learner
12	2133	Sourisri Das	26	Advance Learner
13	1086	Debopriya Das	12	Slow Learner
14	1069	Sangita Halder	26	Advance Learner
15	0827	Sanket Sarkar	30	Advance Learner
16	1887	Barnita Thokdar	26	Advance Learner

17	1675	Upayan Chatterjee	12	Slow Learner
18	1313	Arka Koley	26	Advance Learner
19	0619	Samim Roushan	12	Slow Learner
20	0720	Bartika Paik	26	Advance Learner
21	2048	Chandramouli Chakraborty	25	Advance Learner
22	1020	Saptarshi Ray	20	Advance Learner

Semester	Assessment Mode	Date	Question Link
III	Assignment/CC5	04.10.2023	Annexture 6
Full Marks: 10		Qualifying Marks: 4	

Sl. No.	Roll No.	Name of Student	Marks	Advance / Slow Learner
1	1912	Meghla Majhi	5	Advance Learner
2	1858	Rudraksha Roy	3	Slow Learner
3	2220	Disha Pathak	5	Advance Learner
4	2224	Rajdeep Das	8	Advance Learner
5	2278	Sourjyadip Mohinta	8	Advance Learner
6	1419	Sourav Tarafdar	0	Slow Learner
7	1793	Ranit Banerjee	6	Advance Learner
8	2276	Diptak Ghosh	6	Advance Learner
9	1917	Adreet Sarkar	6	Advance Learner
10	1921	Ranit Mondal	0	Slow Learner
11	1345	Soham Paul	4	Advance Learner
12	2242	Debendra Kar Majumder	4	Advance Learner
13	0873	Jeet Maity	0	Slow Learner
14	1805	Ayushi Chowdhury	4	Advance Learner
15	2245	Himadri Halder	4	Advance Learner

16	2250	Anirudha Paul	0	Slow Learner
17	1913	Shaliny Das	0	Slow Learner
18	2098	Anupam Pahari	0	Slow Learner
19	1452	Atri Sarkar	0	Slow Learner
20	0016	Sanjana Sarkar	8	Advance Learner
21	1107	Supriya Paul	4	Advance Learner
22	0836	Rupanjan Roy	1	Slow Learner
23	1924	Debanjan Dutta	5	Advance Learner
24	0805	Anwasha Mandal	6	Advance Learner
25	1688	Ritika Karmakar	4	Advance Learner
26	1643	Jyoti Mallick	6	Advance Learner
27	0883	Debajyoti Roy Chowdhury	2	Slow Learner
28	2303	Animesh Maity	5	Advance Learner
29	1831	Ankush Bakshi	2	Slow Learner

<b>Semester</b>	<b>Assessment Mode</b>	<b>Date</b>	<b>Question</b>
III	Assignment/CC7	11.10.2023	At LMS
Full Marks: 10		Qualifying Marks: 4	

Sl. No.	Roll No.	Name of Student	Marks	Advance / Slow Learner
1	0836	Rupanjan Roy	3	Slow Learner
2	1858	Rudraksha Roy	6	Advance Learner
3	2245	Himadri Halder	7	Advance Learner
4	1805	Ayushi Chowdhury	7	Advance Learner
5	2278	Sourjyadip Mohinta	4	Advance Learner
6	1107	Supriya Paul	8	Advance Learner

7	2303	Animesh Maity	5	Advance Learner
8	1793	Ranit Banerjee	8	Advance Learner
9	2242	Debendra Kar Majumder	2	Slow Learner
10	0805	Anwasha Mandal	7	Advance Learner
11	1688	Ritika Karmakar	6	Advance Learner
12	1345	Soham Paul	8	Advance Learner
13	1918	Debojyoti Mondal	6	Advance Learner
14	1924	Debanjan Dutta	8	Advance Learner
15	2098	Anupam Pahari	5	Advance Learner
16	1917	Adreet Sarkar	5	Advance Learner
17	1524	Suman Manna	4	Advance Learner
18	2220	Disha Pathak	9	Advance Learner
19	1913	Shaliny Das	7	Advance Learner
20	1921	Ranit Mondal	5	Advance Learner
21	1912	Meghla Majhi	6	Advance Learner
22	1944	Ayana Basak	6	Advance Learner

<b>Semester</b>	<b>Assessment Mode</b>	<b>Date</b>	<b>Question</b>
III	Assignment/CC6	07.10.2023	At LMS
Full Marks: 10		Qualifying Marks: 6	

<b>Sl. No.</b>	<b>Roll No.</b>	<b>Name of Student</b>	<b>Marks</b>	<b>Advance / Slow Learner</b>
1	2245	Himadri Halder	7	Advance Learner
2	1944	Ayana Basak	6	Advance Learner
3	0836	Rupanjan Roy	7	Advance Learner
4	2278	Sourjyadip Mohinta	4	Slow Learner

5	2250	Anirudha Paul	6	Advance Learner
6	1419	Sourav Tarafdar	7	Advance Learner
7	1858	Rudraksha Roy	6	Advance Learner
8	0016	Sanjana Sarkar	7	Advance Learner
9	1924	Debanjan Dutta	7	Advance Learner
10	0873	Jeet Maity	7	Advance Learner
11	1912	Meghla Majhi	5	Slow Learner
12	2220	Disha Pathak	8	Advance Learner
13	2303	Animesh Maity	5	Slow Learner
14	2242	Debendra Kar Majumder	5	Slow Learner
15	1917	Adreet Sarkar	6	Advance Learner
16	1345	Soham Paul	7	Advance Learner
17	1793	Ranit Banerjee	6	Advance Learner
18	1107	Supriya Paul	5	Slow Learner
19	2276	Diptak Ghosh	6	Advance Learner
20	1918	Debojyoti Mondal	3	Slow Learner
21	2098	Anupam Pahari	5	Slow Learner
22	1524	Suman Manna	1	Slow Learner
23	0805	Anwasha Mandal	4	Slow Learner

Semester	Assessment Mode	Date	Question
III	Assignment/SEC1	07.10.2023	At LMS
Full Marks: 10		Qualifying Marks: 5	

Sl. No.	Roll No.	Name of Student	Marks	Advance / Slow Learner
2	2245	Himadri Halder	7	Advance Learner



3	1688	Ritika Karmakar	6	Advance Learner
4	2220	Disha Pathak	8	Advance Learner
5	2278	Sourjyadip Mohinta	8	Advance Learner
6	1858	Rudraksha Roy	6	Advance Learner
7	0873	Jeet Maity	6	Advance Learner
8	1452	Atri Sarkar	6	Advance Learner
9	0805	Anwasha Mandal	8	Advance Learner
10	1419	Sourav Tarafdar	8	Advance Learner
11	1924	Debanjan Dutta	9	Advance Learner
12	0836	Rupanjan Roy	8	Advance Learner
13	0016	Sanjana Sarkar	7	Advance Learner
14	2303	Animesh Maity	4	Slow Learner
15	1345	Soham Paul	7	Advance Learner
16	2276	Diptak Ghosh	8	Advance Learner
17	1917	Adreet Sarkar	8	Advance Learner
18	1793	Ranit Banerjee	8	Advance Learner
19	1918	Debojyoti Mondal	8	Advance Learner
20	2242	Debendra Kar Majumder	7	Advance Learner
21	1524	Suman Manna	4	Slow Learner
22	1912	Meghla Majhi	4	Slow Learner
23	1107	Supriya Paul	4	Slow Learner
24	1944	Ayana Basak	3	Slow Learner

Semester	Assessment Mode	Date	Question
III	Assignment/CC7	11.10.2023	At LMS
Full Marks: 10		Qualifying Marks: 4	

Sl. No.	Roll No.	Name of Student	Marks	Advance / Slow Learner
1	2278	Sourjyadip Mohinta	8	Advance Learner
2	2242	Debendra Kar Majumder	7	Advance Learner
3	1917	Adreet Sarkar	7	Advance Learner
4	2245	Himadri Halder	8	Advance Learner
5	1345	Soham Paul	7	Advance Learner
6	1107	Supriya Paul	9	Advance Learner
7	1912	Meghla Majhi	8	Advance Learner
8	1688	Ritika Karmakar	7	Advance Learner
9	1924	Debanjan Dutta	6	Advance Learner
10	1913	Shaliny Das	8	Advance Learner
11	1921	Ranit Mondal	9	Advance Learner
12	1793	Ranit Banerjee	9	Advance Learner
13	1858	Rudraksha Roy	5	Advance Learner
14	2051	Swastika Ghimire	8	Advance Learner
15	1944	Ayana Basak	9	Advance Learner
16	1805	Ayushi Chowdhury	4	Advance Learner
17	0836	Rupanjan Roy	5	Advance Learner
18	2220	Disha Pathak	9	Advance Learner

Semester	Assessment Mode	Date	Question
III	Assignment/CC7	07.10.2023	At LMS
Full Marks: 10		Qualifying Marks: 4	

Sl. No.	Roll No.	Name of Student	Marks	Advance / Slow Learner
1	2278	Sourjyadip Mohinta	5	Advance Learner

2	2250	Anirudha Paul	2	Slow Learner
3	0873	Jeet Maity	3	Slow Learner
4	1452	Atri Sarkar	2	Slow Learner
5	0836	Rupanjan Roy	2	Slow Learner
6	1858	Rudraksha Roy	3	Slow Learner
7	2245	Himadri Halder	10	Advance Learner
8	2098	Anupam Pahari	2	Slow Learner
9	1688	Ritika Karmakar	9	Advance Learner
10	2242	Debendra Kar Majumder	7	Advance Learner
11	1419	Sourav Tarafdar	2	Slow Learner
12	2303	Animesh Maity	7	Advance Learner
13	1944	Ayana Basak	10	Advance Learner
14	1107	Supriya Paul	8	Advance Learner
15	0016	Sanjana Sarkar	8	Advance Learner
16	1917	Adreet Sarkar	9	Advance Learner
17	1913	Shaliny Das	8	Advance Learner
18	1912	Meghla Majhi	7	Advance Learner
19	1924	Debanjan Dutta	8	Advance Learner
20	1793	Ranit Banerjee	10	Advance Learner
21	0805	Anwasha Mandal	6	Advance Learner
22	1345	Soham Paul	8	Advance Learner
23	1918	Debojyoti Mondal	5	Advance Learner
24	2276	Diptak Ghosh	10	Advance Learner
25	1921	Ranit Mondal	5	Advance Learner
26	2220	Disha Pathak	8	Advance Learner
27	1524	Suman Manna	1	Slow Learner

Semester	Assessment Mode	Date	Question
III	Assignment/CC5	29.10.2023	At LMS
Full Marks: 10		Qualifying Marks: 4	

Sl. No.	Roll No.	Name of Student	Marks	Advance / Slow Learner
1	1917	Adreet Sarkar	9	Advance Learner
2	0836	Rupanjan Roy	0	Slow Learner
3	1921	Ranit Mondal	0	Slow Learner
4	1913	Shaliny Das	0	Slow Learner
5	1918	Debojyoti Mondal	3	Slow Learner
6	2220	Disha Pathak	9	Advance Learner
7	1793	Ranit Banerjee	3	Slow Learner

Semester	Assessment Mode	Date	Question Link
III	Assignment/CC5	06.12.2023	<a href="#">Annexture 7</a>
Full Marks: 10		Qualifying Marks: 4	

Sl. No.	Roll No.	Name of Student	Marks	Advance / Slow Learner
1	1924	Debanjan Dutta	3	Slow Learner
2	2220	Disha Pathak	8	Advance Learner
3	0016	Sanjana Sarkar	4	Advance Learner
4	1419	Sourav Tarafdar	6	Advance Learner
5	2278	Sourjyadip Mohinta	4	Advance Learner
6	2303	Animesh Maity	2	Slow Learner
7	1793	Ranit Banerjee	5	Advance Learner
8	0836	Rupanjan Roy	4	Advance Learner
9	1918	Debojyoti Mondal	5	Advance Learner

10	1422	Akash Patra	2	Slow Learner
11	2242	Debendra Kar Majumder	3	Slow Learner
12	1913	Shaliny Das	5	Advance Learner
13	1917	Adreet Sarkar	5	Advance Learner
14	1921	Ranit Mondal	5	Advance Learner
15	2011	Samapriya Chowdhury	3	Slow Learner
16	1524	Suman Manna	4	Advance Learner
17	1944	Ayana Basak	3	Slow Learner
18	2051	Swastika Ghimire	5	Advance Learner

<b>Semester</b>	<b>Assessment Mode</b>	<b>Date</b>	<b>Question</b>
III	Assignment/CC7	07.12.2023	At LMS
Full Marks: 10		Qualifying Marks: 4	

Sl. No.	Roll No.	Name of Student	Marks	Advance / Slow Learner
1	1924	Debanjan Dutta	6	Advance Learner
2	2242	Debendra Kar Majumder	6	Advance Learner
3	0016	Sanjana Sarkar	10	Advance Learner
4	1917	Adreet Sarkar	6	Advance Learner
5	1913	Shaliny Das	8	Advance Learner
6	1921	Ranit Mondal	9	Advance Learner
7	1793	Ranit Banerjee	6	Advance Learner
8	1918	Debojyoti Mondal	6	Advance Learner
9	2220	Disha Pathak	7	Advance Learner

Semester	Assessment Mode	Date	Question Link
III	Assignment/CC7	09.12.2023	<a href="#">Annexture 8</a>
Full Marks: 15		Qualifying Marks: 7	

Sl. No.	Roll No.	Name of Student	Marks	Advance / Slow Learner
1	1924	Debanjan Dutta	4	Slow Learner
2	2242	Debendra Kar Majumder	6	Slow Learner
3	1917	Adreet Sarkar	7	Advance Learner
4	0016	Sanjana Sarkar	8	Advance Learner
5	1793	Ranit Banerjee	8	Advance Learner
6	1921	Ranit Mondal	7	Advance Learner
7	1913	Shaliny Das	9	Advance Learner
8	2220	Disha Pathak	9	Advance Learner

Semester	Assessment Mode	Date	Question Link
III	Assignment/CC7	29.01.2024	<a href="#">Annexture 9</a>
Full Marks: 30		Qualifying Marks: 9	

Sl. No.	Roll No.	Name of Student	Marks	Advance / Slow Learner
1	2022-0016	Sanjana Sarkar	20	Advance Learner
2	2022-2242	Debendra Kar Majumder	18	Advance Learner
3	2022-1793	Ranit Banerjee	20	Advance Learner
4	2022-1917	Adreet Sarkar	19	Advance Learner

Semester	Assessment Mode	Date	Question Link
V	Assignment/CC11	06.10.2023	<a href="#">Annexture 10</a>
Full Marks: 10		Qualifying Marks: 4	

<b>Sl. No.</b>	<b>Roll No.</b>	<b>Name of Student</b>	<b>Marks</b>	<b>Advance / Slow Learner</b>
1	1246	Sekh Khalid Abrar	4	Advance Learner
2	1136	Nirmalya Guray	4	Advance Learner
3	42	Pramith Mukherjee	4	Advance Learner
4	1644	Arijit Das	4	Advance Learner
5	637	Nupur Sarkar	5	Advance Learner
6	2176	Parboni Basu	5	Advance Learner
7	1544	Vedika Singh	6	Advance Learner
8	974	Soham Bodhak	3	Slow Learner
9	2688	Debarpita Saha	3	Slow Learner
10	2451	Rritobak Dutta	4	Advance Learner
11	1634	Swarnava Ghosh	3	Slow Learner
12	1716	Manmeet Buddhadev Sarkar	2	Slow Learner
13	1881	Agnishikha Chakrabarti	1	Slow Learner
14	2220	Disha Pathak	0	Slow Learner
15	614	Suvrashankha Ghosh	1	Slow Learner
16	1605	Sangram Saha	4	Advance Learner
17	2105	Nafiur Rahman	1	Slow Learner
18	2170	Ariyan Biswas	3	Slow Learner
19	1963	Indrajit Roy Chowdhury	4	Advance Learner
20	2029	Arkadeep Hassan	1	Slow Learner
21	1402	Debasmita Roy	6	Advance Learner
22	1085	Bidisha Roy	3	Slow Learner
23	2401	Sourav Dutta	2	Slow Learner
24	2042	Utsav Sarkhel	4	Advance Learner
25	2582	Rishav Chakraborty	6	Advance Learner
26	2271	Suchismita Saha	2	Slow Learner

27	2374	Parvej Akhtar	1	Slow Learner
28	2659	Anup Kumar	1	Slow Learner

Semester	Assessment Mode	Date	Question
V	Assignment/DSE1	07.10.2023	At LMS
Full Marks: 20		Qualifying Marks: 6	

Sl. No.	Roll No.	Name of Student	Marks	Advance / Slow Learner
1	1246	Sekh Khalid Abrar	6	Advance Learner
2	1136	Nirmalya Guray	12	Advance Learner
3	2029	Arkadeep Hassan	8	Advance Learner
4	2170	Ariyan Biswas	11	Advance Learner
5	1644	Arijit Das	13	Advance Learner
6	1963	Indrajit Roy Chowdhury	14	Advance Learner
7	1634	Swarnava Ghosh	10	Advance Learner
8	637	Nupur Sarkar	12	Advance Learner
9	42	Pramith Mukherjee	15	Advance Learner
10	1402	Debasmita Roy	17	Advance Learner
11	2582	Rishav Chakraborty	15	Advance Learner
12	1716	Manmeet Buddhadev Sarkar	9	Advance Learner
13	2688	Debarpita Saha	6	Advance Learner
14	974	Soham Bodhak	17	Advance Learner
15	614	Suvrashankha Ghosh	9	Advance Learner
16	1605	Sangram Saha	14	Advance Learner
17	1085	Bidisha Roy	10	Advance Learner
18	2042	Utsav Sarkhel	12	Advance Learner
19	2176	Parboni Basu	14	Advance Learner



20	2401	Sourav Dutta	12	Advance Learner
21	2105	Nafiur Rahman	14	Advance Learner
22	1544	Vedika Singh	10	Advance Learner

Semester	Assessment Mode	Date	Question
V	Assignment/DSE2	09.10.2023	At LMS
Full Marks: 10		Qualifying Marks: 4	

Sl. No.	Roll No.	Name of Student	Marks	Advance / Slow Learner
1	1644	Arijit Das	5	Advance Learner
2	2659	Anup Kumar	3	Slow Learner
3	1246	Sekh Khalid Abrar	3	Slow Learner
4	1634	Swarnava Ghosh	4	Advance Learner
5	614	Suvrashankha Ghosh	4	Advance Learner
6	2451	Rritobak Dutta	4	Advance Learner
7	1716	Manmeet Buddhadev Sarkar	6	Advance Learner
8	637	Nupur Sarkar	5	Advance Learner
9	1544	Vedika Singh	6	Advance Learner
10	2170	Ariyan Biswas	4	Advance Learner
11	2398	Rajdip Sinha	4	Advance Learner
12	42	Pramith Mukherjee	10	Advance Learner
13	974	Soham Bodhak	8	Advance Learner
14	1136	Nirmalya Guray	5	Advance Learner
15	1402	Debasmita Roy	5	Advance Learner
16	2688	Debarpita Saha	5	Advance Learner
17	2176	Parboni Basu	6	Advance Learner

18	2042	Utsav Sarkhel	7	Advance Learner
19	2374	Parvej Akhtar	5	Advance Learner
20	2401	Sourav Dutta	4	Advance Learner
21	1605	Sangram Saha	8	Advance Learner

<b>Semester</b>	<b>Assessment Mode</b>	<b>Date</b>	<b>Question</b>
V	Assignment/DSE1	10.10.2023	At LMS
Full Marks: 10		Qualifying Marks: 4	

Sl. No.	Roll No.	Name of Student	Marks	Advance / Slow Learner
1	974	Soham Bodhak	7	Advance Learner
2	2042	Utsav Sarkhel	7	Advance Learner
3	637	Nupur Sarkar	7	Advance Learner
4	2176	Parboni Basu	7	Advance Learner
5	1544	Vedika Singh	7	Advance Learner
6	1644	Arijit Das	5	Advance Learner
7	2659	Anup Kumar	5	Advance Learner
8	1136	Nirmalya Guray	7	Advance Learner
9	1246	Sekh Khalid Abrar	5	Advance Learner
10	42	Pramith Mukherjee	7	Advance Learner
11	1605	Sangram Saha	8	Advance Learner
12	1634	Swarnava Ghosh	6	Advance Learner
13	2374	Parvej Akhtar	4	Advance Learner
14	2688	Debarpita Saha	6	Advance Learner
15	2170	Ariyan Biswas	7	Advance Learner
16	1963	Indrajit Roy Chowdhury	7	Advance Learner

17	1085	Bidisha Roy	6	Advance Learner
18	2029	Arkadeep Hassan	7	Advance Learner

Semester	Assessment Mode	Date	Question
V	Assignment/CC12	12.10.2023	At LMS
Full Marks: 10		Qualifying Marks: 4	

Sl. No.	Roll No.	Name of Student	Marks	Advance / Slow Learner
1	1246	Sekh Khalid Abrar	5	Advance Learner
2	974	Soham Bodhak	9	Advance Learner
3	637	Nupur Sarkar	6	Advance Learner
4	1402	Debasmita Roy	7	Advance Learner
5	2688	Debarpita Saha	5	Advance Learner
6	1644	Arijit Das	10	Advance Learner
7	1136	Nirmalya Guray	5	Advance Learner
8	2029	Arkadeep Hassan	7	Advance Learner
9	1605	Sangram Saha	4	Advance Learner
10	1544	Vedika Singh	6	Advance Learner
11	1963	Indrajit Roy Chowdhury	7	Advance Learner
12	42	Pramith Mukherjee	10	Advance Learner
13	2176	Parboni Basu	6	Advance Learner
14	2401	Sourav Dutta	5	Advance Learner

Semester	Assessment Mode	Date	Question Link
V	Statistical Mechanics	12.10.2023	<a href="#">Annexure 11</a>
Full Marks: 10		Qualifying Marks: 4	

Sl. No.	Roll No.	Name of Student	Marks	Advance / Slow Learner
1	1644	Arijit Das	5	Advance Learner
2	2029	Arkadeep Hassan	4	Advance Learner
3	1085	Bidisha Roy	5	Advance Learner
4	1544	Vedika Singh	6	Advance Learner
5	2374	Parvej Akhtar	5	Advance Learner
6	1246	Sekh Khalid Abrar	3	Slow Learner
7	42	Pramith Mukherjee	6	Advance Learner
8	2659	Anup Kumar	4	Advance Learner
9	1963	Indrajit Roy Chowdhury	6	Advance Learner
10	2688	Debarpita Saha	5	Advance Learner
11	2451	Rritobak Dutta	5	Advance Learner
12	1136	Nirmalya Guray	7	Advance Learner
13	2401	Sourav Dutta	4	Advance Learner
14	1605	Sangram Saha	6	Advance Learner
15	2582	Rishav Chakraborty	6	Advance Learner
16	614	Suvrashankha Ghosh	5	Advance Learner
17	974	Soham Bodhak	5	Advance Learner
18	1402	Debasmita Roy	4	Advance Learner
19	2398	Rajdip Sinha	5	Advance Learner
20	2042	Utsav Sarkhel	4	Advance Learner
21	2176	Parboni Basu	7	Advance Learner
22	637	Nupur Sarkar	7	Advance Learner

Semester	Assessment Mode	Date	Question
V	Assignment/CC11	29.10.2023	At LMS
Full Marks: 10		Qualifying Marks: 4	

Sl. No.	Roll No.	Name of Student	Marks	Advance / Slow Learner
1	974	Soham Bodhak	6	Advance Learner
2	1881	Agnishikha Chakrabarti	4	Advance Learner
3	42	Pramith Mukherjee	7	Advance Learner
4	637	Nupur Sarkar	6	Advance Learner
5	2688	Debarpita Saha	6	Advance Learner
6	1544	Vedika Singh	7	Advance Learner
7	1246	Sekh Khalid Abrar	4	Advance Learner
8	1963	Indrajit Roy Chowdhury	6	Advance Learner
9	1644	Arijit Das	6	Advance Learner

Semester	Assessment Mode	Date	Question
V	Assignment/DSEB I	07.12.2023	At LMS
Full Marks: 10		Qualifying Marks: 6	

Sl. No.	Roll No.	Name of Student	Marks	Advance / Slow Learner
1	974	Soham Bodhak	5	Slow Learner
2	1644	Arijit Das	7	Advance Learner
3	2659	Anup Kumar	6	Advance Learner
4	2374	Parvej Akhtar	5	Slow Learner
5	637	Nupur Sarkar	7	Advance Learner
6	1402	Debasmita Roy	7	Advance Learner
7	1136	Nirmalya Guray	6	Advance Learner
8	1963	Indrajit Roy Chowdhury	7	Advance Learner
9	42	Pramith Mukherjee	6	Advance Learner
10	2176	Parboni Basu	6	Advance Learner
11	1605	Sangram Saha	5	Slow Learner

12	1544	Vedika Singh	7	Advance Learner
13	2754	Soumyadeep Bhattacharjee	3	Slow Learner
14	2688	Debarpita Saha	6	Advance Learner

Semester	Assessment Mode	Date	Question
V	Assignment/DSEB1	07.12.2023	At LMS
Full Marks: 10		Qualifying Marks: 6	

Sl. No.	Roll No.	Name of Student	Marks	Advance / Slow Learner
1	974	Soham Bodhak	6	Advance Learner
2	1644	Arijit Das	7	Advance Learner
3	2659	Anup Kumar	8	Advance Learner
4	2374	Parvej Akhtar	6	Advance Learner
5	637	Nupur Sarkar	8	Advance Learner
6	1402	Debasmita Roy	8	Advance Learner
7	1963	Indrajit Roy Chowdhury	7	Advance Learner
8	42	Pramith Mukherjee	6	Advance Learner
9	2176	Parboni Basu	4	Slow Learner
10	1085	Bidisha Roy	4	Slow Learner

Semester	Assessment Mode	Date	Question Link
V	Assignment/CC12	08.12.2023	<a href="#">Annexure 12</a>
Full Marks: 10		Qualifying Marks: 6	

Sl. No.	Roll No.	Name of Student	Marks	Advance / Slow Learner
1	1085	Bidisha Roy	4	Slow Learner
2	42	Pramith Mukherjee	6	Advance Learner

3	1644	Arijit Das	6	Advance Learner
4	1544	Vedika Singh	2	Slow Learner
5	2688	Debarpita Saha	3	Slow Learner
6	637	Nupur Sarkar	6	Advance Learner
7	1402	Debasmita Roy	7	Advance Learner
8	2374	Parvej Akhtar	3	Slow Learner
9	974	Soham Bodhak	4	Slow Learner
10	2176	Parboni Basu	7	Advance Learner
11	1963	Indrajit Roy Chowdhury	6	Advance Learner
12	2659	Anup Kumar	8	Advance Learner

Semester	Assessment Mode	Date	Question Link
V	Assignment/CC11	08.12.2023	<a href="#">Annexture 13</a>
Full Marks: 10		Qualifying Marks: 4	

Sl. No.	Roll No.	Name of Student	Marks	Advance / Slow Learner
1	1644	Arijit Das	4	Advance Learner
2	42	Pramith Mukherjee	4	Advance Learner
3	2029	Arkadeep Hassan	2	Slow Learner
4	1402	Debasmita Roy	6	Advance Learner
5	2374	Parvej Akhtar	2	Slow Learner
6	637	Nupur Sarkar	4	Advance Learner
7	1544	Vedika Singh	7	Advance Learner
8	2659	Anup Kumar	4	Advance Learner
9	2176	Parboni Basu	4	Advance Learner
10	2688	Debarpita Saha	4	Advance Learner

**DEPARTMENT OF MICROBIOLOGY**

<b>Semester</b>	<b>Assessment Mode</b>	<b>Date</b>	<b>Question Link</b>
III	Aptitude Test	18.12.2023	<a href="#">Annexure 14</a>
Full Marks: 40		Qualifying Marks: 20	

<b>Sl. No.</b>	<b>Name of Student</b>	<b>Marks</b>	<b>Advance / Slow Learner</b>
1	Anwasha Mukherjee	40	Advance Learner
2	Paroma Nath	40	Advance Learner
3	Subhranu Podder	38	Advance Learner
4	Mayurakshi Basak	32	Advance Learner
5	Sneha Datta	38	Advance Learner
6	Tamanna Sinha	38	Advance Learner
7	Sagnik Debnath	40	Advance Learner
8	Anuja Dhar	40	Advance Learner
9	Niladri Samajpati	08	Slow Learner
10	Saikat Bose	02	Slow Learner
11	Dayita Dey	08	Slow Learner
12	Arpita Saha	12	Slow Learner

<b>Semester</b>	<b>Assessment Mode</b>	<b>Date</b>	<b>Question Link</b>
V	Aptitude Test	18.12.2023	<a href="#">Annexure 14</a>
Full Marks: 40		Qualifying Marks: 20	

<b>Sl. No.</b>	<b>Name of Student</b>	<b>Marks</b>	<b>Advance / Slow Learner</b>
1	Ishaar Dutta	38	Advance Learner
2	Bristi Saha	40	Advance Learner



3	Souvik Dutta	36	Advance Learner
4	Sujay Nayak	36	Advance Learner
5	Ashmi Dey	34	Advance Learner
6	Oindrila Sengupta	36	Advance Learner
7	Soumi Kheto	38	Advance Learner
8	Monalisa Maji	38	Advance Learner
9	Priyanka Gond	38	Advance Learner
10	Kaushiki Basak	30	Advance Learner
11	Junaid Javed	30	Advance Learner
12	Ayan Sikari	12	Slow Learner
13	Samadrita Sarkar	10	Slow Learner
14	Ashmita Nag	08	Slow Learner
15	Ankan Sarkar	16	Slow Learner
16	Debargha Bhanja	12	Slow Learner
17	Ankita Paul	18	Slow Learner

*Manas Kabi*  
Dr. Manas Kabi  
Principal  
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## Annexture 1

### Department of Electronics Aptitude Test, 2023 Sem I (under CCF)

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Full Marks-10

Time-30 mins

Answer any 5 questions from the following

5 x 2 = 10

1. An intrinsic semiconductor has
  - a. many electrons and few holes
  - b. equal number of free electrons and holes
  - c. many holes and few electrons
  
2. Silicon and Germanium are
  - a. direct bandgap semiconductors
  - b. compound semiconductors
  - c. indirect bandgap semiconductors
  
3. How is conductivity of a material defined?
  - a.  $R \cdot A$
  - b.  $IR \cdot A$
  - c.  $EJ$
  
4. Diode is a
  - a. non- linear and uni-directional device
  - b. linear and bi-directional device
  - c. non- linear and bi-directional device
  
5. The current that exists under reverse-bias condition is called as
  - a. reverse-saturation current
  - b. forward current
  - c. both
  
6. KVL is performed using\_\_\_\_?
  - a. Nodal analysis
  - b. Mesh analysis
  - c. Both a and b
  - d. Voltage analysis
  
7. KCL is performed using\_\_\_\_?
  - a. Nodal analysis
  - b. Mesh analysis

- c. Both a and b
  - d. Voltage analysis
8. What are the two main types of functions in Python?
- a. System function
  - b. Custom function
  - c. Built-in function & User defined function
  - d. User function
9. Which of the following is the correct extension of the Python file
- a. .python
  - b. .pl
  - c. .py
  - d. .p
10. What does pip stand for python?
- a. Pip Installs Python
  - b. Pip Installs Packages
  - c. Preferred Installer Program
  - d. All of the mentioned

## Annexture 2

### **Department of Electronics Aptitude Test, 2023 Sem III (under CCF)**

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Full Marks-10

Time-30 mins

Answer any 10 questions from the following

10 x 2 = 10

1. A crystal diode has .....
- a) One pn junction.
  - b) Two pn junction.
  - c) None of the above.
2. The reverse current in a diode is of the order of \_\_\_\_
- a) Ka.
  - b) mA.
  - c)  $\mu$ A.

3. The forward voltage drop across a silicon diode is
  - a) 0.3v
  - b) 0.07v
  - c) 0.7v
  
4. A BJT has .....
  - a) One pn junction.
  - b) Two pn junction.
  - c) Three pn junction.
  
5. The base of a BJT is ..... doped
  - a) Lightly.
  - b) Heavily.
  - c) Moderately.
  
6. In a pnp transistor, the current carriers are
  - a) Acceptor ions.
  - b) Donor ions.
  - c) Holes.
  
7. A BJT is a \_\_\_\_\_ controlled device
  - a) Current.
  - b) Voltage.
  - c) Both voltage and current.
  
8. Which of the following is true about FET?
  - a) It has high output impedance.
  - b) It has high input impedance.
  - c) It has low input impedance.
  
9. For a n channel JFET, what is the direction of current flow?
  - a) Source to Drain.
  - b) Drain to Source.
  - c) Gate to Source.
  
10. The MOSFET stands for
  - a) Metal oxide Silicon FET.
  - b) Metal oxide surface FET.
  - c) Metal oxide semiconductor FET.
  
11. The e-MOSFET is
  - a) Normally ON device.
  - b) Normally OFF device.
  - c) Used due to its ease of fabrication.
  
12. A thyristor can be brought from the forward conduction mode to forward blocking mode by
  - a) Applying a negative gate signal.

- b) Applying a positive gate signal.
- c) Applying a reverse voltage across anode-cathode terminals.

## Annexture 3

### Department of Electronics Aptitude Test, 2023 Sem V (under CCF)

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Full Marks-10

Time-30 mins

Answer any 10 questions from the following

10 x 2 = 10

1. In force – voltage analogy, the mass element is analogous to
  - a. resistance
  - b. inductance
  - c. capacitance
2. An automatic toaster is a \_\_\_\_\_ loop control system
  - a. Open.
  - b. Closed.
  - c. Partially.
3. By equating the denominator of transfer function to zero, which among the following will be obtained?
  - a. Poles.
  - b. Zeros.
  - c. Both a and b.
4. Laplace transform of a step function is given as:
  - a. 1
  - b. 1/s
  - c. 0
5. For BIBO stability of an LTI system, the poles of the system should lie on the
  - a. Right hand side of S-plane.
  - b. Left hand side of S-plane.
  - c. At the origin.

6. Calculate the poles and zeroes for the given transfer function  $G(s) = 5(s + 2)/(s^2 + 3s + 2)$

- a. -2, (-1, -2)
- b. 2, (-1, 2)
- c. 2, (1, 2)

7. The Routh-Hurwitz criterion cannot be applied when the characteristic equation of the system contains any coefficients which is

- a. Positive real and exponential functions of  $s$ .
- b. Negative real and one of the terms missing in the polynomial of  $s$ .
- c. Both exponential and sinusoidal functions of  $s$ .

8. For the polynomial:  $P(s) = s^5 + s^4 + 2s^3 + 2s^2 + 3s + 15$ , the number of roots which lie in the right half of the  $s$ -plane is

- a. 4
- b. 2
- c. 3

9. If an impulse response of a system is  $e^{-5t}$ , what would be its transfer function?

- a.  $1/s - 5$
- b.  $1/s + 5$
- c.  $(s+1)/(s+5)$

10. Basically, poles of transfer function are the Laplace transform variable values which causes the transfer function to become

- a. Zero.
- b. Unity.
- c. Infinite.

11. For Type '1' system the steady state error due to unit step input is

- a. Infinity
- b. Zero
- c. One

12. To define the transfer function, all initial condition should be zero

- a. True.
- b. False
- c. None of above.

## Annexure 4

### Department of Physics

#### PHSA\_CC\_1\_LMS\_TEST\_1

1. Determine the value of 'a' so that  $\vec{A} = a\hat{i} - 2\hat{j} + \hat{k}$  and  $\vec{B} = 2a\hat{i} + a\hat{j} - 4\hat{k}$  are perpendicular.
2. Find the directional derivative of  $\phi = x^2yz + 4xz^2$  at (1,-2,-1) in the direction  $2\hat{i} - \hat{j} - 2\hat{k}$ .
3. Show that  $\oint r^2 d\vec{r} = -2 \oint \vec{r} \times d\vec{s}$
4. Prove that  $\vec{\nabla} r^n = nr^{n-2}\vec{r}$ , where symbols have their usual meanings.
5. If  $\vec{A} = (2y + 3)\vec{i} + xz\vec{j} + (yz - x)\vec{k}$  evaluate  $\int \vec{A} \cdot d\vec{r}$  along the path C, where C is a straight line joining points (0,0,0) and (2,1,1).

## Annexture 5

### Department of Physics

FM 30                      Time 1 hour                      date:03.02.2024

a) Write a GNUPLOT code to define following functions in the given range:-

$$f_1(x) = x^3 \quad x > 2$$

$$f_2(x) = x \quad -1 < x < 2$$

$$f_3(x) = 3 \quad x < -1$$

Write the code to set the range of x values from -4 to +4 and the range of y values from -2 to +8. Set tick of x axis at an interval of 1. Set the label of x axis as "x values" and of y axis as "y values". Set the title as "Ternary Operator". Write the code to plot the functions.

(3+3+3+3+1+2)

b)

-0.6    1.1

-0.4    1.4

-0.2    1.7

0.2    2.3

0.4    2.6

0.6    2.9

Write a GNUPLOT code to plot the data in the y axis against that of x axis. Set the range of x values from -0.6 to +0.6, and y range will be from 0 to 3. Write the code to fit the data with the equation of the type  $f(x) = mx + c$ . Code will be such that the given data points and the fitted line will be on the same plot. Set the label of x axis as "x values" and label of y axis as "y values" and give the title as "data fitting". Write the code to show the x=0 and y=0 axis on the plot. (3+3+3+3+3)



Annexture 6  
Department of Physics  
Sem-3

Answer all questions. Each question carries **two** marks.

1. Show that  $\Gamma\left(\frac{1}{2}\right) = \sqrt{\pi}$
2. Show that  $\frac{d^n \Gamma(p)}{dp^n} = \int_0^\infty [\ln(x)]^n x^{p-1} e^{-x} dx$
3. Show that  $B(m, n) = \frac{(m-1)}{(m+n-1)} B(m-1, n)$
4. Integrate using beta gamma function:

$$\int_0^2 \frac{x^2}{\sqrt{2-x}} dx$$

5. Integrate using beta gamma function:

$$\int_0^\infty \frac{y^2}{(1+y)^6} dy$$

Annexture 7  
Department of Physics  
Sem-3

Answer all questions. Each question carries **two** marks.

1. Five men in a company of 20 are graduates. If 3 men are picked out of 20 at random, what is the probability that of at least one graduate?
2. There is a 50-50 chance that a contractors firm 'A' will bid for a contract. Another firm 'B' submits a bid and the probability is  $\frac{3}{4}$  that it will get the job, provided firm 'A' does not bid. If firm 'A' submits a bid, probability that firm 'B' will get the job is only  $\frac{1}{3}$ . What is the probability that firm 'B' will get the job?
3. Three identical boxes contain 4 red and 3 blue balls, 3 Red and 7 blue balls and 2 red and 3 blue balls. A box is chosen at random and a ball is drawn out of it. If the ball is found to be red, what is the probability that first box was selected.
4. Obtain expectation of number of tails preceding first head in indefinite series of tosses of same coin.
5. Find standard deviation of distribution  $f(x) = \frac{1}{x}; (x=1,2,\dots,n)$

Annexure 8  
Department of Physics  
Sem-3  
CC7

Class Test

FM 15

Date 09.12.23

1. State Fermi's theory of beta decay
2. What is pair production?
3. Is the nuclear force between two protons different from that between a proton and a neutron? Discuss.
4. State the ground state spin parity of  $^{23}\text{Na}_{11}$ .
5. Discuss on the primary source of energy of the sun?

Annexure 9  
Department of Physics  
Sem-3

Full Marks 30: duration :1 hour

3X10

- 1) Compare the liquid drop model with the shell model of the nucleus.
- 2) Explain why closed-shell nuclei must be spherically symmetric.
- 3) Write short note on Carbon-Nitrogen-Oxygen Cycle in Fusion.
- 4) Why do we get continuous beta spectra instead of sharp line?
- 5) Write short note on Fission.
- 6) What is pair production? What do you know about radiative transition?
- 7) Write down the necessity of mass formula.
- 8) Write down the difference between positive beta decay and electron capture
- 9) Calculate the value of  $Z^2/A$  for spontaneous fission.
- 10) Explain release of energy during fission and fusion from binding energy curve.

Annexture 10  
Department of Physics  
Sem-5

Answer all questions. Each question carries **two** marks.

- (a) Imagine two crossed linear polarizers with transmission axes vertical and horizontal. Now insert a third linear polarizer between them with transmission axis at  $45^\circ$  to the vertical. What will be the intensity of the emerging wave in terms of intensity of the incident wave?  
(Given intensity of the incident wave is  $I_0$ )
- (b) Define the state of polarization of the wave presented by the following set of questions  $E_x = E_0 \sin(kz - \omega t)$  and  $E_y = E_0 \cos(kz - \omega t)$ .
- (c) A ray of yellow light ( $\lambda = 589 \text{ nm}$ ) incident on a doubly refracting plate at an angle  $50^\circ$ . The plate is cut so that the optic axis is perpendicular to the plane of incidence and parallel to the front face. Find the angular separation between the two emerging rays. (given  $n_o = 1.662$  and  $n_e = 1.474$ ).
- (d) Calculate Brewster's angle for glass to air refraction.  
(Given refractive index of glass is 1.5)
- (e) How optical characteristic of positive crystal is different from that of negative crystal?

Annexture 11  
Department of Physics  
Sem-5

**SEM\_5**

- 1) Write down fundamental postulates of statistical Mechanics. 2.
- 2) Name the statistics followed by the particles (i) quarks, (ii) gluon (iii) meson (iv) photon. 2
- 3) Define phase space. 2.
- 4) Find the value of  $g(p)dp$  if the energy distribution is continuous in nature. (Symbols have their usual meanings). 4.

Annexture 12  
Department of Physics  
Sem-5

CC12 Date:08.12.23

FM-10 Time:45 mins

- (a) Consider a free particle inside a 1D box of length  $L$ . Calculate the number of microstates between the energy values  $E$  and  $E + dE$ .
- (b) A particle of mass  $M$  is falling freely under gravity starting from rest. Draw its phase trajectory.
- (c) Consider  $N$  mutually independent spin in thermal equilibrium at temperature  $T$ . Each spin has two independent states  $+\epsilon$  and  $-\epsilon$ .
- (i) Write the partition function.
- (ii) Find the expression for free energy.
- (d) From the Grand Canonical Partition Function of a particle calculate the average number of particles.
- (e) What is the basic difference between the canonical and Grand canonical ensemble? Discuss about the equivalence of three ensembles.

Annexture 13  
Department of Physics  
Sem-5

Answer all questions. Each question carries **two** marks.

- (1) Draw the configuration of electric displacement vector  $\vec{D}$  electromagnetic wave vector  $\vec{k}$ , Poynting vector  $\vec{S}$ , electric field  $\vec{E}$  and magnetic field  $\vec{H}$  vectors for an electromagnetic wave propagating in dielectrically anisotropic medium with proper mathematical expressions obtained from Maxwell's equations which justifies such configuration.
- (2) Indicate how birefringence can be used to obtain plane polarized light?
- (3) It is desired to rotate the direction of polarization of a linearly polarized light by  $90^\circ$  using two polaroid filters. Explain how this can be done and find the final intensity in terms of incident intensity.
- (4) A left circularly polarized light propagating along  $z$  direction falls on a half wave plate made from quartz crystal. Optic axis of the plate is cut parallel to the surface. What is the state of polarization of the emergent light?
- (5) What is meant by dichroism?

# Annexure 14

## Aptitude Test

Department of Microbiology

Academic Session : 2023-24

Time -30mins

F.M: 40

\*Each question carries 2 marks. 0.5 marks will be deducted for each wrong answer

1. Which of the following structures contains genes for enzymes and antibiotic resistance?

1. Plasmid
2. Pilus
3. Capsule
4. Plasma Membrane

2. Which of the following is the most important structure related to microbial attachment to cells?

1. Flagellum
2. Plasmid
3. Peptidoglycan
4. Glycocalix

3. Which of the following is not a gram-negative bug?

1. *Clostridium perfringens*
2. *Vibrio cholerae*
3. *Escherichia coli*
4. *Bordetella pertussis*

4. Which of the following is not true related to endotoxins?

1. Endotoxins are secreted from cells.
2. Can be linked to Meningococemia
3. Produced by gram negative microorganisms
4. Can cause fever

5. Which of the following microorganisms stain well?

1. *Escherichia coli*
2. *Legionella pneumophila*
3. *Treponema*
4. *Chlamydia*

6. Which of the following microorganisms are not matched correctly with the appropriate isolation media?

1. Fungi – Sabourand’s agar
2. *Neisseria gonorrhoeae* – Pink colonies media
3. *Haemophilus influenzae* – Chocolate agar
4. *Mycobacterium tuberculosis* – Lowenstein-Jensen agar

**7. Which of the following diseases and bacteria are matched up incorrectly?**

1. Cellulitis – *Pasteurella multocida*
2. Tularemia – *Francisella tularensis*
3. Gastritis – *Helicobacter pylori*
4. Lyme disease – *Yersinia pestis*

**8. Which of the following diseases and bacteria are matched up incorrectly?**

1. *Treponema pallidum* – Syphilis
2. *Tinea nigra* – *Cladosporium werneckii*
3. *Borrelia burgdorferi* – Lyme disease
4. *Yersinia enterocolitica* – Diphtheria

**9. Which of the following is not true concerning *Staphylococcus aureus*?**

1. *S. aureus* is related to inflammation.
2. *S. aureus* can cause pneumonia
3. *S. aureus* can lead to acute bacterial endocarditis
4. *S. aureus* does not make coagulase

**10. Which of the following signs and symptoms is not linked to *Haemophilus influenzae*?**

1. Otitis media
2. Pneumonia
3. Malaria
4. Epiglottitis

**11. The Tsetse fly is a transmission factor for which of the following organisms?**

1. *Trichomonas vaginalis*
2. *Trypanosoma gambiense*
3. *Entamoeba histolytica*
4. *Toxoplasma*

**12. The Ixodes tick is a transmission factor for which of the following organisms?**

1. *Trichomonas vaginalis*
2. *Leishmania donovani*
3. *Babesia*
4. *Giardia lamblia*

**13. Chagas’ disease is commonly treated with Nifurtimox and is linked to the \_\_\_\_\_ microorganism.**

1. *Naegleria*
2. *Schistosoma*

3. *Wucheria bancrofti*  
4. *Trypanosoma cruzi*
14. Which of the following is not fungal related?
1. *Cryptococcus neoformans*
  2. *Candida albicans*
  3. *Tinea nigra*
  4. *Chlamydiae*
15. Which of the following is not a DNA virus?
1. Adenovirus
  2. Calicivirus
  3. Papovirus
  4. Poxvirus
16. Which of the following is not a RNA virus?
1. Reovirus
  2. Orthomyxovirus
  3. Deltavirus
  4. Herpesvirus
17. Which of the following viruses is not a double strand linear DNA virus?
1. Poxvirus
  2. Papovavirus
  3. Adenovirus
  4. Herpesvirus
18. Which of the following viruses is not a single strand linear RNA virus?
1. Togavirus
  2. Retrovirus
  3. Bunyavirus
  4. Picornavirus
19. The Tzanck test is not used on which of the following viruses?
1. VZV
  2. HSV-2
  3. HHV-8
  4. HSV-1
20. Which of the following microorganisms has not been linked to UTI's?
1. *E. coli*
  2. *Pseudomonas*
  3. *Klebsiella*
  4. *Haemophilus*

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