

**MAHISHADAL RAJ COLLEGE
DEPARTMENT OF PHYSIOLOGY**

NOTICE

Date : 06/09/2018

All the students of Physiology (Hons./Gen.) of 1st Yr. / 3rd Yr. / 3rd Yr. classes are hereby informed that their Internal Assessment Examination will be held as per following programme :

Schedule for B.Sc. (Hons./Gen.) Students					
Class	Date	Time	Room No.	Paper	Full Marks
1 st Sem Hons	11.09.18	11.00-12.30	321	C1	10
1 st Sem (H)	12.09.18	11.00-11.30	321	C2	10
3 rd Sem (H)	11.09.18	11.00-11.30	321	C5	10
"	12.09.18	11.00-11.30	321	C6	10
"	12.09.18	12.00-12.00	321	C7	10
3 rd year (Gen)	11.09.18	11.00-11.30	321	IV A	10

Principal

Mahishadal Raj College



Head

Department of Physiology

MAHISHADAL RAJ COLLEGE

DEPT. OF PHYSIOLOGY
2nd INTERNAL ASSESSMENT
1st SEM HONS.
CORE-01

Answer any five question

5X2=10

1. Write the useful sight of fluorescence microscopy?
2. What do you mean by light microscope?
3. Write in shortly principle of electron microscopy?
4. Write the role of nose piece and eye piece in microscopy?
5. Define sensory epithelium?
6. What is Gap Junction?
7. What is mast cell?
8. What is apocrine and holocrine gland?
9. Distinguish RER and SER?

MAHISHADAL RAJ COLLEGE

DEPT. OF PHYSIOLOGY

2nd INTERNAL ASSESSMENT

1st SEM HONS.

CORE-02

Answer any five question

5X2=10

1. Write the two laws of thermodynamics?
2. Write the concept of Gibbs free energy?
3. Write any two buffer in human body?
4. Write a short note on dialysis?
5. What is pH? Write any two name of pH indicator?
6. What is K_m ?
7. Name one absyme and one antizyme?
8. What is isozyme?
9. Define nanoparticle?
10. What is ribozymes?

MAHISHADAL RAJ COLLEGE

DEPT. OF PHYSIOLOGY
2ND INTERNAL ASSESSMENT

3RD SEM HONS.

CORE-05

Answer any five question

5X2=10

1. Write the role of platelets in hemostasis?
2. Write the alternative name of these factors- factor-V, VII, X, XII, XIII, III?
3. What is epitope and paratop?
4. What is immune reaction?
5. Write a short note on MN group?
6. What is bone marrow?
7. Define leucocytes?
8. What is differential count?
9. What is leukaemia?
10. What is neutrophilia?

MAHISHADAL RAJ COLLEGE

DEPT. OF PHYSIOLOGY

2ND INTERNAL ASSESSMENT

3RD SEM HONS.

CORE-06

Answer any five question

5X2=10

1. What is triple response?
2. Write the role of O₂ in brain metabolism?
3. What is CHD?
4. Write the role of ^{ANP} ~~NPN~~ in cardiac regulation?
5. Write any two peculiarities of placental circulation?
6. What is cardiac arrhythmias?
7. What is ECG?
8. Name the interval and segments of ECG?
9. What is heart failure?
10. What is the cause of stroke?

MAHISHADAL RAJ COLLEGE

DEPT. OF PHYSIOLOGY

2ND INTERNAL ASSESSMENT

3RD SEM HONS.

CORE-07

Answer any five question

5X2=10

1. What is rage?
2. What is papez circuit?
3. Write the role of limbic system in sexual behaviour?
4. Draw a flow diagram of touch sensation?
5. Write the different parts of limbic system?
6. What is delay?
7. What is summation?
8. What do you mean by adrenergic and cholinergic nerve?
9. What is the effect of sympathetic stimulation?
10. Write the function of para sympathetic stimulation?

MAHISHADAL RAJ COLLEGE

DEPT. OF PHYSIOLOGY
1st INTERNAL ASSESSMENT
3RD SEM HONS.
SEC

Answer any five question

5X2=10

1. What is adulterant?
2. What do you mean by food adulterant?
3. State the effect of adulteration on health?
4. Role of metanil yellow on food?
5. What is food additives?
6. Name two adulterant and two food additives?
7. Role of Rhodamin B on health?
8. How can you detect adulterant in besan?
9. How can you detect adulterant in termeric?
10. What are the adulterant present in besan and noodles?



Mahishadal Raj College

Department of Physiology
Internal Assessment

Paper-IV A

Time -30min

3rd year General

F.M:-10

লেখকগণ তাঁর/নি প্রশ্নের উত্তর দাও। ~~কোনো কঠোর প্রত্যয় দেওয়া দাও~~

1. বিজ্ঞানসন্নিহিত নীতিমালায় আণবিক জীববিজ্ঞানের গুরুত্ব মেধা?
Role of Molecular biology on medical science
2. DNA ও RNA এর পার্থক্য লক্ষ্য কর।
Differentiate DNA & RNA
3. ED₅₀ ও LD₅₀ কী কী? ~~কী কী?~~
What is ED₅₀ & LD₅₀
4. O₂ ঋণ কী? ~~কী?~~
What is O₂ debt?
5. গ্রাম ধনাত্মক ও (নেগেটিভ) গ্রাম ঋণাত্মক ব্যাকটেরিয়ার পার্থক্য লক্ষ্য কর।
Difference between gram +ve & gram -ve bacteria
6. AEU কী? ~~কী?~~
What is AEU?
7. AMIS ও CMIS এর সম্পূর্ণ নাম লিখ।
Full form of AMIS & CMIS
8. SGOT ও SGPT এর সম্পূর্ণ নাম লিখ।
Full form of SGOT & SGPT

Internal Assessment -

Session - 2018 - 19 .

C 10

C 2

SN	Roll No	Name	1st	2nd	Total	1st(10)	2nd(10)	Total
1.	2180 126	Pritam Das	8	8	16	7	7	14
2.	128	Sampati Barik	7	6	13	7	8	15
3.	152	sk. Kaseem Ali	6	6	12	6	7	13
4	153	Bitika Nayak	7	6	13	6	8	14
5	162	Priyata Bhowmik	8	8	16	7	8	15
6.	177	Susmita Manna	8	7	15	8	8	16
7	183	Sumanapatra	8	7	15	7	7	14
8	200	Amit Das	7	7	14	8	8	16
9	209	Souvik Mondal	7	6	13	7	8	15
10	212	Krishna Pattanayak	8	6	14	7	7	14
11	213	Bandana Maity	7	8	15	7	8	15
12	245	Supriya Dinda	9	8	17	8	6	14
13	353	Nabanita Hazra	9	8	17	8	6	14
14	428	Jay Prakash Das	8	8	16	7	7	14
15.	499	Bikram Das	7	8	15	7	7	14
16	544	Subhadip Bhattacharjee	7	7	14	6	7	13
17	550	Supriya Pramanik	8	7	15	8	5	13

3rd yr

SINO	Roll No	Name	1st (10)	2nd (10)	Total
1	2170-362	Maitree Bhanja	8	6	12
	363	Jayanta Pradhan	7	6	13
	364	Uthamkumar Mondal	7	7	14
	367	Tapan Maji	8	7	15
	372	Jayanta Ghosai	8	8	16
	374	Sudip Mondal	9	8	18
	378	Priyanka Dinda	6	7	13
	403	Mandira Bhunia	7	7	14
	405	Sanjay Das	8	6	14
	426	Pradip Samanta	7	7	14
	433	Sanchari Jana	8	8	16
	439	Susamay Maji	7	6	13
	440	Souvik Sahoo	7	7	14
	442	Prasendu Marbha	8	6	14
	468	Paramita Marbha	7	8	15
	487	Sourmen Rana	8	8	16
	489	Jayeta Samanta	7	8	15
	491	Aparna Giri	8	8	16
	494	Rajalip Ghosai	9	8	17
	495	Somnath Das	8	8	16
	499	Saviya Khatun	9	8	17
	521	Sahadev Bera	8	8	16
	614	Somnath Pramanik	9	8	17
	467	Sankar Manna	6	7	13
	183	Mandira Munn	7	7	14
	387	Tanusree Marbha	8	7	15
	436	Arpita Nayak	7	8	15
	052	Soma Mondal	8	8	16
	328	Tanusri Das	7	7	14
	406	Sathi Sahoo	8	6	14

MAHISHADAL RAJ COLLEGE

Department of Physiology

NOTICE

DATE: 04/09/2019

All the students of the Department of Physiology 1st, 3rd & 5th Semester *Hons., General and Generic* are hereby informed that their 1st Internal Assessment Examination will be held as per following Schedule:

SCHEDULE

SEMESTER	PAPER	DATE	TIME
1 st Sem. Honours	C-01T	12/09/19	11.00 - 11.30
	C-02T	13/09/19	11.00 - 11.30
1 st Sem. Generic	GE-01T	12/09/19	12.00 - 12.30
1 st Sem. General	DSC-01AT	13/09/19	12.00 - 12.30
3 rd Sem. Honours	C-05T	12/09/19	11.00 - 11.30
	C-06T	12/09/19	12.00 - 12.30
	C-07T	13/09/19	11.00 - 11.30
	SEC-01T	13/09/19	12.00 - 12.30
3 rd Sem. General	DSC-01CT	14/09/19	11.00 - 11.30
	SEC-01T	14/09/19	12.00 - 12.30
3 rd Sem. Generic	GE-03T	12/09/19	11.00 - 11.30
5 th Sem. Honours	C-11T	12/09/19	11.00 - 11.30
	C-12T	13/09/19	12.00 - 12.30
	DSE-01T	14/09/19	11.00 - 11.30
	DSE-02T	14/09/19	12.00 - 12.30
5 th Sem. General	DSE-01AT	12/09/19	11.00 - 11.30
	SEC-03T	12/09/19	12.00 - 12.30

Venue: Department of Physiology



PRINCIPAL

MAHISHADAL RAJ COLLEGE



HEAD

DEPARTMENT OF PHYSIOLOGY

MAHISHADAL RAJ COLLEGE

DEPT. OF PHYSIOLOGY

2nd INTERNAL ASSESSMENT

1st SEM HONS.

CORE-01

Answer any five question

5X2=10

1. Write the useful sight of fluorescence microscopy?
2. What do you mean by light microscope?
3. Write in shortly principle of electron microscopy?
4. Write the role of nose piece and eye piece in microscopy?
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9. Distinguish RER and SER?

MAHISHADAL RAJ COLLEGE

DEPT. OF PHYSIOLOGY

2nd INTERNAL ASSESSMENT

1st SEM HONS.

CORE-02

Answer any five question

5X2=10

1. Write the two laws of thermodynamics?
2. Write the concept of Gibbs free energy?
3. Write any two buffer in human body?
4. Write a short note on dialysis?
5. What is pH? Write any two name of pH indicator?
6. What is K_m ?
7. Name one absyme and one antizyme?
8. What is isozyme?
9. Define nanoparticle?
10. What is ribozymes?

Internal Assessment Physiology(H) ^{1st and 2nd}
1st Semester Session (2019-20)

Sl No	Roll No	Name	C1			C2		
			1 st	2 nd	Total	1 st	2 nd	Total
1.	2190 440	Suparna Ghorai	9	9	18	8	7	15
2.	470	Aktar Khan	6	7	13	6	6	12
3.	472	Suman Pattnayak	8	9	17	7	6	13
4.	473	Srimanta Maity	8	7	15	7	6	13
5.	474	Shankhamay Jana	7	6	13	8	5	13
6.	525	Moumita Maity	7	7	14	8	8	16
7.	235	Debobrata Das	5	8	13	6	8	14
8.	318	Parthana Maity	8	7	15	6	6	12
9.	411	Sudwisham Samanta	7	6	13	8	5	13
10.	437	Sangita Samanta	8	5	13	8	6	14
11.	438	Supriya Mondal	8	7	15	6	7	13
12.	439	Habiba Khatun	7	7	14	6	7	13
13.	093	Kalyani Hazra	6	6	12	8	6	14
14.	152	Malay Pradhan	6	7	13	8	8	16
15.	092	Ayanikahatna	7	7	14	9	5	14
16.	196	Rakhi Kuiti	6	6	12	6	7	13
17.	233	Reya Rani Das	6	7	13	8	4	12

MAHISHADAL RAJ COLLEGE

DEPT. OF PHYSIOLOGY

1st INTERNAL ASSESSMENT

1st SEM

GE-1

যেকোন পাঁচটি প্রশ্নের উত্তর দাও

৫ X ২ = ১০

১. অনাক্রমতা বলতে কি বোঝ? ইহা কয় প্রকার?
২. অ্যান্টিজেন ও অ্যান্টিবডি এর পার্থক্য লেখ?
৩. রসনির্ভর অনাক্রমতা ও কোষ নির্ভর অনাক্রমতা বলতে কি বোঝ?
৪. আমাদের দেহে বিভিন্ন অনাক্রমতা সৃষ্টিকারী অঙ্গগুলির নাম লেখ ও তাদের থেকে উপজাত কোষগুলি লেখ?
৫. রক্তবাহে রক্ত তঞ্চিত হয় না কেন?
৬. রক্তের সাকার উপাদানগুলি কি কি?
৭. হিমাটোক্রিট কাকে বলে?
৮. রক্তের ব্যাপনযোগ্য উপাদানগুলি কি কি?
৯. হৃৎপিণ্ডের প্রকোষ্ঠগুলির নাম লেখ?
১০. পেরিকার্ডিয়াম কি?
১১. দ্বিপত্র কপাটিকার অবস্থান ও কাজ লেখ?
১২. হৃৎপেশী অবসাদ হয় না কেন?

Internal Assessment (Physiology) Generic (1st)
Session - 2019-20

GE-01T

Sl. No	Roll No	Name	1st	2nd	Total
1.	2196 083	Signdha Biswas	8	5	13
2.	91	Jayanti Mondal	6	7	13
3.	148	Rajiona Parvin	7	8	15
4.	153	Souhrav Mondal	9	7	16
5.	192	Ahina yasmir	7	7	14
6.	203	Ajanta Samanta	8	6	14
7.	239	Jidunnesa khatun	6	6	12
8.	336	Pallavi samanta	7	6	13
9.	347	Pyarani Kapoor	8	7	15
10.	489 489	Annaya Maity	7	7	14
11.	500	Annaya Maity	7	6	13
12.	501	Sitoshana chakraborty	5	6	11
13.	506	Santanu chakraborty	6	6	12
14.	545	Tamara Sahoo	6	7	13
15.	559	Sudip Samanta	7	5	12

MAHISHADAL RAJ COLLEGE

Dept. of Physiology

1st Semester 2nd Internal Examination

Physiology (General.) Paper-DSC-1AT

Full Marks: 10

Time: 30min.

যেকোন ৫টি প্রশ্নের উত্তর দাও

৫X২=১০

১. ব্যাপন কাকে বলে?
২. কলয়েড কাকে বলে?
৩. রক্তকে তরল যোগকলা বলে কেন?
৪. মেদকলা কাকে বলে?
৫. বিজারন ধর্মী শর্করা কাকে বলে?
৬. অ্যামাইনো অ্যাসিড পুল কাকে বলে?
৭. ডি-অক্সিরাইবোনিউক্লিক অ্যাসিড ও রাইবোনিউক্লিক অ্যাসিডের পার্থক্য লেখ?
৮. খাদ্যপ্রান কাকে বলে?

Internal Assessment. Physiology Dept
 1st Sem (General)
 Session - 2019-20
 PSC-01A

S.No	Roll No	Name	1st	2nd	Total
13	308	Friyanka Das.	6	6	12
14	310	Arkendu Mondal.	7	4	11
15	359	Snakha Subhrajyoti	6	8	14
16	363	Sobhan Tunga.	8	8	16
17	416	Biswajit Mondal	7	7	14
18	515	Amit Acharia.	9	6	15
19	526	Sourav Samanta	6	6	12
20	530	Sangeeta Ghera.	6	7	13
21	360	Suchandra Pranna.	6	6	12
22	558	Sourvik Mondal.	7	8	15

MAHISHADAL RAJ COLLEGE

DEPT. OF PHYSIOLOGY
1st INTERNAL ASSESSMENT
3RD SEM HONS.
CORE-05

Answer any five question

5X2=10

1. Distinguish between cellular and humoral immunity ?
2. What ~~de~~ is the cause of immunity?
3. What is erythropoiesis?
4. Role of erythropoietin on erythropoiesis?
5. What do you mean by blood?
6. State about the formed elements of blood?
7. What is hematocrit value?
8. Name four electrolytes of blood?
9. What are the vitamins and waste products present in blood?
10. Differentiate between Universal donor and recipient?
11. What is plasma phoresis?
12. Write a short note on Rh factor?
13. Write the clinical application of blood grouping?
14. Write the name of agglutinogen and agglutinin in blood

MAHISHADAL RAJ COLLEGE

Dept. of Physiology

3rd Semester 1st Internal Examination

Physiology (Hons.) Paper-C-6T

Full Marks: 10

Time:30min.

Answer any five questions from the following

5x2=10

1. State the significance of cardiac cycle?
2. What is cardiac output?
3. Write two properties of cardiac muscle?
4. Write the function of lymph?
5. What is venous circulation?
6. State a short note on inflammation?
7. What is the significance of interstitial fluid volume?
8. What is the symptoms of cardiac hypertrophy?

MAHISHADAL RAJ COLLEGE

Dept. of Physiology

3rd Semester 1st Internal Examination

Physiology (Hons.) Paper-C-7T

Full Marks: 10

Time:30min.

Answer any five questions from the following

5x2=10

1. Write two properties of reflex?
2. What is stretch reflex?
3. What is the function of neocortex?
4. What is the function of limbic system?
5. Write a short note on movement disorder?
6. What is EEG?
7. Distinguish between monosynaptic and polysynaptic reflex?
8. What is proprioception?

MAHISHADAL RAJ COLLEGE

DEPT. OF PHYSIOLOGY

1st INTERNAL ASSESSMENT

3RD SEM HONS.

SEC

Answer any five question

5X2=10

1. What is adulterant?
2. What do you mean by food adulterant?
3. State the effect of adulteration on health?
4. Role of metanil yellow on food?
5. What is food additives?
6. Name two adulterant and two food additives?
7. Role of Rhodamin B on health?
8. How can you detect adulterant in besan?
9. How can you detect adulterant in termeric?
10. What are the adulterant present in besan and noodles?

Inter-assessment Physiology (H)

3rd semester.

Session - 2019-20

C-05-T

C-06-T

C-07-T

SEC-01T

S.No	Roll No	Name	C-05-T			C-06-T			C-07-T			SEC-01T		
			1st	2nd	Total	1st	2nd	Total	1st	2nd	Total	1st	2nd	Total
1.	2180 2120	Pritam Das	8	7	15	7	7	14	6	7	13	8	7	15
2.	198	Samapti Barik	7	5	12	7	8	15	6	7	13	7	5	12
3.	152	Sk. Kasem Ali	6	6	12	8	7	15	6	6	12	6	6	12
4.	153	Bitika Nayak	9	8	17	8	6	14	6	8	14	9	8	17
5.	162	Priyota Bhowmik	9	8	17	8	5	13	8	8	14	9	8	17
6.	177	Susmita Manna	9	7	14	8	6	14	7	5	12	7	8	15
7.	428	Jay Prakash Das	6	5	11	6	6	12	7	7	14	6	6	12
8.	183	Sumonatra	6	6	12	6	7	13	8	7	15	6	7	13
9.	209	Souvik Mondal	6	9	15	8	8	16	9	8	17	9	6	15
10.	212	Krishna Pattanayak	6	8	14	8	8	16	7	8	15	7	8	15
11.	213	Bandana Maity	8	8	14	8	8	16	7	7	14	8	8	16
12.	353	Nabamita Hazra	8	7	15	8	8	16	7	6	13	8	7	15
13.	545	Subrata Jana	8	7	15	7	7	14	8	5	13	8	8	16
14.	550	Supriya Pramanik	7	7	14	8	8	16	8	7	15	7	7	14
15.	499	Bikram Das	8	9	17	7	5	12	9	5	9	8	8	16
16.	543	Paramita Maji	9	5	14	5	6	11	7	7	14	9	6	15
17.	444	Subhadi P Bhattacharya	6	7	13	8	9	17	5	7	12	7	7	14

MAHISHADAL RAJ COLLEGE

Dept. of Physiology
3rd Semester 2nd Internal Examination
Physiology (General) Paper-DSC-1CT

Full Marks: 10

Time: 30min.

যেকোন ৫টি প্রশ্নের উত্তর দাও

৫X২=১০

১. নৃত্যগ পরিবহন বলতে কি বোঝ?
২. লীনকাল বলতে কি বোঝ?
৩. বেল মেজেন্ডি সূত্রটি লেখ?
৪. বাক কেন্দ্র কি?
৫. গ্লুকোস্ট্যাটিক মতবাদটি লেখ?
৬. শ্বেত বস্তু ও ধূসর বস্তুর পার্থক্য লেখ?
৭. সেরুমেন কি?
৮. ব্রাডিকাইনিন কি?

Mahishadal Raj College
Sub-Physiology
3rd Sem General
3EC

Attempt any five from each group

10 × 2 = 20

Group - A

- 1 a) What is epidemiology
- b) What is Public health
- c) Define communicable health
- d) Explain Environmental health
- e) Who was the father of epidemiology
- f) What is epidemiological triangle

Group - B

- 2 a) What are the primary prevention of disease
- b) What is non communicable disease
- c) ^{Mention} Name of two arthropod born disease
- d) Mention full form of HIV and AIDS
- e) What is disease
- f) Mention ^{the} head quarter of WHO?

Intermediate

3rd sem General

Session - 2019-20

DSE01-CT

SEC-01T

Sr No	Roll No	Name	1st	2nd	Total	1st	2nd	Total
1.	2180385	Sunanda Barman	6	6	12	7	4	11
2.	391	Ayan Mishri	6	5	11	8	7	15
3.	404	Ritik Chakraborty	9	8	17	8	7	15
4	419	Susmita Pattayanayak	6	6	12	7	7	14
5	421	Susmita Samanta	6	5	11	6	6	12
6.	425	Subrajit Halder	6	8	14	8	6	14
7.	431	CAUSMI Boxi	7	7	14	5	5	10
8.	435	Animesh Mondal	7	6	13	5	6	11
9.	438	Silpa Pradhan	7	7	14	7	6	13
11	447	Neyima Aktar	7	7	14	8	7	15
12	450	Chameli Manna	7	8	15	8	8	16
13	456	Paramita Samanta	7	7	14	8	8	16
14	458	Samadeep Panda	9	8	17	8	6	14
15	464	Suman Ghanta	6	6	12	6	6	12
16	483	Biswajit Chakraborty	7	8	15	8	6	14
17	489	Ranjit Maji	7	7	14	8	8	16

Internal Assessment Dept of Mysore
3rd Sem General
Session - 2019-20

DSE-OICT SEC-OIT

Sl ^{no}	Roll NO	Name	DSE-OICT			SEC-OIT		
			1st	2nd	Total	1st	2nd	Total
18	491	Anushua Roy	6	6	12	6	7	13
19	497	Sk. K. Ali Amand	5	7	12	6	8	14
20	500	Kousik Khanna	7	7	14	6	8	14
22	505	Suparna Bhawanik	9	6	15	6	8	14
23	511	Abisek Firi	8	8	16	7	7	14
24	512	Chandan Bera	9	5	14	7	7	14
25	514	Mausumi Pradhan	5	6	11	6	6	12
26	521	Mimakshi Maity	7	6	13	7	6	13
27	560	Saagatalaxmi Das	6	6	12	8	6	14
28	561	Manasi Firi	8	8	16	7	7	14
29	573	Swrajit Bora	7	7	14	7	8	15
30	574	Rabindra Nath Jana	7	7	14	8	8	16

MAHISHADAL RAJ COLLEGE

Dept. of Physiology

3rd Semester 2nd Internal Examination

Physiology (Generic.) Paper-GE-3T

Full Marks: 10

Time: 30min.

যেকোন ৫টি প্রশ্নের উত্তর দাও

৫X২=১০

১. মাতৃদুগ্ধে বর্তমান জীবানুনাশকের নাম লেখ?
২. কাঁচা ডিম খাওয়া উচিত নয় কেন?
৩. কোশীয় জারনে লোহার ভূমিকা লেখ?
৪. সয়াবিনের উপকারিতা লেখ?
৫. স্কুলকায়ত্ব কাকে বলে?
৬. খাদ্যতন্তুর শ্রেণীবিভাগ কর?
৭. হাইপোক্যালেমিয়া কি?
৮. প্রমান মহিলা বলতে কি বোঝ?

Internal assessment Dept of Physiology

3rd Sem Generic
Session - 2019-20

GE-03T

Sl No	Roll No	Name	1st	2nd	Total
1.	218048 8	Bikarajam Dinda	5	7	12
2.	068	Dibendu Das Adhikary	7	5	12
3.	075	Madhusmita Samantra	6	7	13
4	096	Arunaba Jana	7	8	15
5	117	Snehasis Das	7	5	12
6.	118	Dipank Singha	8	8	16
7	133	Tannay Das	8	7	15
8.	135	Aditi Bhunia	5	5	10
9.	136	Piyali Jana	7	8	15
10	142	Indrani Sen	8	8	16
11	147	Mitali Hazra	7	7	14
12	156	Soma Sen	8	5	13
13	157	Muslima Khatun	5	4	9
14	159	Preriyanka Das	7	8	15
15	163	Ritika Khanna	8	8	16
16	166	Papriya Maity	6	5	11
17	171	Sk. Jiyawf.			

Internal Assessment (Physiology Dept)

3rd Sem Generic
Session - 2019-2020

GE03-T

S.No	Roll No	Name	1st	2nd	Total
18	182	Mahadeb Pramanik	8	5	13
19	184	Allolika Pramanik	7	7	14
20	185	chayanika Bera	8	6	14
21	196	Ponlamis Kar	6	6	12
22	198	Soumattam Bera	7	7	14
23	204	Suman Bera	8	5	13
24	206	Subhasree Mondal	9	8	17
25	235	Aparna Jana	6	6	12
26	256	Joydeb Mondal	6	7	13
27	257	Rudra kanti Das	8	6	14
28	313	Subinita Adhikary	9	5	14
29	326	Gobinda samanta	7	5	12
30	334	Nabamrita Paul	5	7	12
31	336	Parbati Das	6	6	12
32	337	Tumpa Bana	8	6	14
33	341	Juthika Metia	5	6	11

Internal Assessment (Physiology Dept)

3rd Sem Generic

Session - 2019 - 2020

GE-037

S/NO	Roll No	Name	1st	2nd	Total
34	351	Sutanika Saboo	7	5	12
35	358	Sangita Jana	6	6	12
36	359	Jasminara Khatun	8	6	14
37	361	Mandira, Borki	7	5	12
38	362	Soumen Jana	9	7	16
39	378	Kalyani Jana	6	6	12
40	379	Kaberi Kar	7	5	12
41	427	Nirmal Mondal	6	6	14
42	432	Rima Roy	6	8	14
43	476	Sabina Khatun	8	8	16
44	498	Anusua Kar	7	5	12
45	424	Amlan kr. Kar	8	8	16
46	527	Moumita Maish	7	7	14
47	529	Soma Maish	8	6	14
48	531	Sutarka Maish	7	7	14
49	532	Aditi Maish	8	8	16
50	533	Roma Pradhan	7	7	14
51	536	Supriya Maish	5	6	11

Internal Assessment - Physiology Dept
 3rd sem Generic
 Session - 2019-20
 GE-037

Sl No	Roll NO	Name	1st	2nd	Total
52	597	Payel Samanta	7	7	14
53	538	Marufa Khatun	6	6	12
54	549	Anindita Tripathy	7	8	15
55	552	Susmita Das	8	8	16
56	592	Swagata Das Malakar	7	6	13
57	479	Riya Samanta	6	6	12
58	205	Sreya Dinda	7	8	15
59	216	Sushitra Maity	7	7	14
60	346	Soumen Uthasani	7	7	14

MAHISHADAL RAJ COLLEGE

Dept. of Physiology
5th Semester 2nd Internal Examination
Physiology (Hons.) Paper-C11T

Full Marks: 10

Time: 30min.

Answer any five questions from the following

5x2=10

1. What is tactile corpuscle and its function?
2. Write down Weber-Fechner law?
3. What is nociceptors?
4. What is electroretinogram?
5. State any one theory of the mechanism of hearing?
6. Write the function of middle ear on hearing?
7. Name two pain initiators and pain inhibitors?
8. What is colour vision?

Matishadal Raj College
Sub. Physiology
5th semester (14)
Core - 12

Answer any five from each group

10 × 2 = 20

Group - A

- 1 a) What is bio chemical messenger of cell?
- b) What is second messenger of cell?
- c) Explain Hypothalamus act as a neuro-endocrine organ.
- d) Define thyroglobulin?
- e) Write down about Addison's disease
- f) Write down one symptom of Gigantism and one from acromegaly.
- g) What is vasomastatin and function of it.

Group - B

- 2 a) State briefly location of adrenal gland
- b) Write down difference between endocrine and exocrine.
- c) What is long term and short term hormone
Example of it
- d) Name of two steroid hormone
- e) What is biogenic amine with example
- f) What is nuclear receptor
- g) Write down difference between Diabetes mellitus and incipitus.

MAHISHADAL RAJ COLLEGE

Dept. of Physiology

5th Semester 1st Internal Examination

Physiology (Hons.) Paper-DSE-1T

Full Marks: 10

Time: 30min.

Answer any five questions from the following

5x2=10

1. What is fibrinolysis?
2. What are the significance of Arneth count?
3. What is prothrombin time?
4. What is hemostasis?
5. What is ESR?
6. Write the significance of blood banking?
7. What is reduced Hb?
8. What is phagocytosis?

Group - B

Matishad at Raj College
Sub. Physiology
5th semester (H)

DSE-2

10 × 2 = 20

Answer any five from each groups.

Group - A

- 1 a) What are the difference between work and sports
- b) What is physical work
- c) What is exercise physiology
- d) What is maximum O_2 consumption
- e) Name of two elements which leads to biochemical hazards
- f) What is ergonomics
- g) What is sport anthropometry

Group - B

- 2 a) What is sports injury
- b) Write down respectively one cardiovascular and Respiratory changes happened during exercise.
- c) Name of two ergogenic aids
- d) Explain briefly about sports medicine
- e) What are the basic ^{symptoms} difference between silicosis and Asbestosis.
- f) What is physical training?
- g) What is performance?

MAHISHADAL RAJ COLLEGE

Dent. of Physiology

5th Semester 1st Internal Examination

Physiology (General) Paper-DSE-1AT

Full Marks: 10

Time: 30min.

যে কোন ৫টি প্রশ্নের উত্তর দাও

৫X২=১০

১. ডোপিং কাকে বলে?
২. কর্মদক্ষতা কাকে বলে?
৩. দ্বিতীয়শ্বাস কাকে বলে?
৪. অক্সিজেনপালস কাকে বলে?
৫. অক্সিজেনঘাটতি কাকে বলে?
৬. বায়বায়শ্রম কাকে বলে?
৭. ওয়ার্মআপের গুরুত্ব লেখ?
৮. ইলেক্ট্রোকার্ডিওগ্রাম কি?

International Research Conference on (Psychology & Physiology)

5th semester general

Session - 2019-20

DSE-01AT

Sl. No	Roll NO	Name	1st	2nd	Total
1.	2170 362	Maitree Bharya	8	6	14
2	363	Jayanta Pradhan	6	7	13
3.	364	Uttam Kr. Mondal	6	8	14
4	367	Tapan Maji	7	6	13
5	372	Jayanta Ghose	8	9	17
6	374	Sudip Mandal	5	6	11
7	378	Priyanka Dinda	6	6	12
8.	403	Mandira Bhunia	7	6	13
9.	405	Sanjoy Das	8	5	13
10	426	Pradip Samanta	5	8	14
11	433	Sanchari Jana	8	8	16
12	439	Susatmoy Maji	7	7	14
13	440	Souvik Sahoo	8	9	17
14	442	Puspendu Maiti	8	8	16
16	468	Paranita Maity	5	5	10
17	484	Sobmen Rana	7	6	13
18	489	Jayeta Samanta	7	7	14

5th semester general

Session - 2019-20

DSE-01AT

Sl No	Roll No	Name	1st	2nd	Total
1.	2170 362	Maitree Bhanya	8	6	14
2	363	Jayanta Pradhan	6	7	13
3.	364	Uttam kr. Mondal	6	8	14
4	367	Tapan Maji	7	6	13
5	372	Jayanta Ghose	8	9	17
6	374	Sudip Mandal	5	6	11
7	378	Priyanka Dinda	6	6	12
8.	403	Mandira Bhunia	7	6	13
9.	405	Sanjoy Das	8	5	13
10	426	Pradip Samanta	5	8	14
11	433	Sanchari Jana	8	8	16
12	439	Susatmoy Maji	7	7	14
13	440	Souvik Sahoo	8	9	17
14	442	Puspendu Maiti	8	8	16
16	468	Parasmita Maity	5	5	10
17	484	Sobmen Rana	7	6	13
18	489	Jayeta Samanta	7	7	14

5th Semester (General)
Session (2019-20)

DSE-014T

Sl No	Roll No	Name	1st	2nd	Total
19	491	Aparnagiri	8	5	13
20	494	Rajdeep Ghose	6	7	13
21	495	Somnath Das	7	7	14
22	499	Saviya Khatun	8	7	15
23	521	Sahadev Bera	5	6	12
24	614	Somnath Pramanik	7	8	15
25	467	Sankar Manna	8	6	14
26	183	Mandira Manna	8	5	13
27	387	Tanusree Naity	8	5	13
28	436	Arpita Nayak	6	7	13
29	052	Soma Mondal	9	5	14
30	328	Tanusree Das	5	7	12
31	406	Sathi Sahoo	7	7	14

5th semester (General)
Session (2019-20)

DSE-014T

Sl No	Roll No	Name	1st	2nd	Total
19	491	Aparnagiri	8	5	13
20	494	Rajdeep Ghose	6	7	13
21	495	Somnath Das	7	7	14
22	499	Saviyakhatorn	8	7	15
23	521	Sahadev Bera	5	6	12
24	614	Somnath Pramanik	7	8	15
25	467	Sankar Manna	8	6	14
26	183	Mandira Manna	8	5	13
27	387	Tanusree Naity	8	5	13
28	436	Arpita Nayak	6	7	13
29	052	Soma Mondal	9	5	14
30	328	Tanusree Das	5	7	12
31	406	Sathi Sahoo	7	7	14

MAHISHADAL RAJ COLLEGE

Department of Physiology

NOTICE

DATE: 17.11.2021

All the students of the Department of Physiology *1st, 3rd & 5th Semester Hons., General and Generic* are hereby informed that their Internal Assessment Examination will be held as per following Schedule:

SCHEDULE

SEMESTER	PAPER	DATE	TIME
<i>1st Sem. Honours</i>	<i>C-01T</i>	11.09.21	11.00-12.00
	<i>C-02T</i>	12.09.21	11.00-12.00
<i>1st Sem. Generic</i>	<i>GE-01T</i>	11.09.21	11.00-12.00
<i>1st Sem. General</i>	<i>DSC-01AT</i>	11.09.21	12.00-01.00
<i>3rd Sem. Honours</i>	<i>C-05T</i>	11.09.21	11.00-12.00
	<i>C-06T</i>	11.09.21	12.30-01.30
	<i>C-07T</i>	12.09.21	11.00-12.00
	<i>SEC-01T</i>	12.09.21	12.30-01.30
<i>3rd Sem. General</i>	<i>DSC-01CT</i>	12.09.21	11.00-12.00
	<i>SEC-01T</i>	12.09.21	12.30-01.30
<i>3rd Sem. Generic</i>	<i>GE-03T</i>	12.09.21	12.30-01.30
<i>5th Sem. Honours</i>	<i>C-11T</i>	11.09.21	11.00-12.00
	<i>C-12T</i>	11.09.21	12.30-01.30
	<i>DSE-01T</i>	12.09.21	11.00-12.00
	<i>DSE-02T</i>	12.09.21	12.30-01.30
<i>5th Sem. General</i>	<i>DSE-01AT</i>	12.09.21	11.00-12.00
	<i>SEC-03T</i>	12.09.21	12.30-01.30

Venue: Department of Physiology



**PRINCIPAL
MAHISHADAL RAJ COLLEGE**



**HEAD
DEPARTMENT OF PHYSIOLOGY**

MAHISHADAL RAJ COLLEGE

DEPT. OF PHYSIOLOGY

2nd INTERNAL ASSESSMENT

1st SEM HONS.

CORE-01

Answer any five question

5X2=10

1. Write the useful sight of fluorescence microscopy?
2. What do you mean by light microscope?
3. Write in shortly principle of electron microscopy?
4. Write the role of nose piece and eye piece in microscopy?
5. Define sensory epithelium?
6. What is Gap Junction?
7. What is mast cell?
8. What is apocrine and holocrine gland?
9. Distinguish RER and SER?

MAHISHADAL RAJ COLLEGE

DEPT. OF PHYSIOLOGY

2nd INTERNAL ASSESSMENT

1st SEM HONS.

CORE-02

Answer any five question

5X2=10

1. Write the two laws of thermodynamics?
2. Write the concept of Gibbs free energy?
3. Write any two buffer in human body?
4. Write a short note on dialysis?
5. What is pH? Write any two name of pH indicator?
6. What is K_m ?
7. Name one absyme and one antizyme?
8. What is isozyme?
9. Define nanoparticle?
10. What is ribozymes?

Internal Assessment of
1st SEM (Hons)
session → 2021-2022

Sl No	Roll No	Name	M.O.					
			C1	C1	T	C2	C2	T
1	201	Tamuj a Khatun	7	7	14	7	9	16
2	288	Banashree Mondal	7	7	14	9	9	18
3	315	Piu Das	8	8	16	8	8	16
4	409	Aditi Dinda	9	9	18	9	8	17
5	438	Priyanka Doley ali	8	8	16	8	9	17
6	506	Aritra Pradhan	9	9	18	8	9	17
7	529	Anpita Das	9	9	18	8	9	17
8	533	Sri lekha Samanta	9	8	17	9	9	18
9	537	Barsha Das	9	8	17	8	8	16
10	544	Pradip Pramanik	9	8	17	8	9	17
v	595	Swanalipi Pramanik	8	8	16	8	9	17

MAHISHADAL RAJ COLLEGE

Department of Physiology

NOTICE

DATE: 17.11.2021

All the students of the Department of Physiology *1st, 3rd & 5th Semester Hons., General and Generic* are hereby informed that their Internal Assessment Examination will be held as per following Schedule:

SCHEDULE

SEMESTER	PAPER	DATE	TIME
<i>1st Sem. Honours</i>	<i>C-01T</i>	11.09.21	11.00-12.00
	<i>C-02T</i>	12.09.21	11.00-12.00
<i>1st Sem. Generic</i>	<i>GE-01T</i>	11.09.21	11.00-12.00
<i>1st Sem. General</i>	<i>DSC-01AT</i>	11.09.21	12.00-01.00
<i>3rd Sem. Honours</i>	<i>C-05T</i>	11.09.21	11.00-12.00
	<i>C-06T</i>	11.09.21	12.30-01.30
	<i>C-07T</i>	12.09.21	11.00-12.00
	<i>SEC-01T</i>	12.09.21	12.30-01.30
<i>3rd Sem. General</i>	<i>DSC-01CT</i>	12.09.21	11.00-12.00
	<i>SEC-01T</i>	12.09.21	12.30-01.30
<i>3rd Sem. Generic</i>	<i>GE-03T</i>	12.09.21	12.30-01.30
<i>5th Sem. Honours</i>	<i>C-11T</i>	11.09.21	11.00-12.00
	<i>C-12T</i>	11.09.21	12.30-01.30
	<i>DSE-01T</i>	12.09.21	11.00-12.00
	<i>DSE-02T</i>	12.09.21	12.30-01.30
<i>5th Sem. General</i>	<i>DSE-01AT</i>	12.09.21	11.00-12.00
	<i>SEC-03T</i>	12.09.21	12.30-01.30

Venue: Department of Physiology



**PRINCIPAL
MAHISHADAL RAJ COLLEGE**



**HEAD
DEPARTMENT OF PHYSIOLOGY**

MAHISHADAL RAJ COLLEGE

DEPT. OF PHYSIOLOGY

2nd INTERNAL ASSESSMENT

1st SEM HONS.

CORE-01

Answer any five question

5X2=10

1. Write the useful sight of fluorescence microscopy?
2. What do you mean by light microscope?
3. Write in shortly principle of electron microscopy?
4. Write the role of nose piece and eye piece in microscopy?
5. Define sensory epithelium?
6. What is Gap Junction?
7. What is mast cell?
8. What is apocrine and holocrine gland?
9. Distinguish RER and SER?

MAHISHADAL RAJ COLLEGE

DEPT. OF PHYSIOLOGY

2nd INTERNAL ASSESSMENT

1st SEM HONS.

CORE-02

Answer any five question

5X2=10

1. Write the two laws of thermodynamics?
2. Write the concept of Gibbs free energy?
3. Write any two buffer in human body?
4. Write a short note on dialysis?
5. What is pH? Write any two name of pH indicator?
6. What is K_m ?
7. Name one absyme and one antizyme?
8. What is isozyme?
9. Define nanoparticle?
10. What is ribozymes?

Internal Assessment of
1st SEM (Hons)
session → 2021-2022

Sl No	Roll No	Name	M.O.					
			C1	C1	T	C2	C2	T
1	201	Tamuj a Khatun	7	7	14	7	9	16
2	288	Banashree Mondal	7	7	14	9	9	18
3	315	Piu Das	8	8	16	8	8	16
4	409	Aditi Dinda	9	9	18	9	8	17
5	438	Priyanka Doley ali	8	8	16	8	9	17
6	506	Aritra Pradhan	9	9	18	8	9	17
7	529	Anpita Das	9	9	18	8	9	17
8	533	Sri lekha Samanta	9	8	17	9	9	18
9	537	Barsha Das	9	8	17	8	8	16
10	544	Pradip Pramanik	9	8	17	8	9	17
v	595	Swanalipi Pramanik	8	8	16	8	9	17

Maharaja Raj College
Dept of Physiology

NOTICE

Date → 13.11.22

All the student of Physiology 1st Sem, 3rd Sem, 5th Sem
Hons. General. Generic classes are hereby informed
that their Internal examination will be held as
per following programme -

SCHEDULE

CLASSES	DATE	PAPER	TIME
5 th Sem Hons.	28.11.22	C-11	11.00 - 11.30
	29.11.22	C-12	11.00 - 11.30
	30.11.22	DSE-1	11.00 - 11.30
	1.12.22	DSE-2	11.00 - 11.30
3 rd Sem Hons.	28.11.22	C-5	11.00 - 11.30
	29.11.22	C-6	11.00 - 11.30
	30.11.22	C-7	11.00 - 11.30
	01.12.22	SEC-1	11.00 - 11.30
1 st Sem Hons.	30.11.22	C-1	11.00 - 11.30
	01.12.22	C-2	11.00 - 11.30
5 th Sem General	30.11.22	DSE-1A	11.00 - 11.30
	01.12.22	SEC-3	11.00 - 11.30
3 rd Sem General	30.11.22	DSC-1C	12.00 - 12.30
	01.12.22	SEC-1	12.00 - 12.30
1 st Sem General	01.12.22	DSC-1A	12.00 - 12.30
3 rd Sem Generic	30.11.22	GE-3	12.00 - 12.30
1 st Sem (Generic)	01.12.22	GE-1	11.00 - 11.30

Venue: Dept of Physiology



Subhamoy Das,

H.O.D.

Dept of Physiology

Mahishadal Raj College
Dept of Physiology
Internal Assessment
1st SEM
core 1

Time - 30 min

5 × 2 = 10

Answer any 5 question →

- ① What is gap junction ?
- ② What is mast cell ?
- ③ What is SER ?
- ④ Function of ribosome .
- ⑤ Principal of fluorescence .
- ⑥ What is CAM ?

core - 2

5 × 2 = 10

Time - 30 min

- ① What is SGOT ?
- ② What is Km value ?
- ③ What is PH ?
- ④ What is prosthetic group ?
- ⑤ Significance of osmosis .
- ⑥ Basic principal of dialysis .

Internal Assessment of
Physiology (A)
1st SEM

Session - 2022 - 2023

M. D

SL NO.	Roll. NO	Name	C1	C1	T	C2	C2	T
1	2220078	Shyamali Muromu	7	7	14	9	9	18
2	139	Arijit Bhunia	9	8	17	7	7	14
3	234	^{Sekh} Majahidul Islam	8	8	16	5	7	12
4	284	Pithi Jana	9	9	18	9	9	18
5	285	manisa Basuman	9	8	17	8	9	17
6	347	Sweety Jana	9	8	17	8	9	17
7	357	Tanusori Rana	7	7	14	7	8	15
8	383	Surali meity	7	8	15	7	8	15
9	390	Tamanna Parvin	7	8	15	9	9	18
10	617	Riya Pramanik	7	7	14	9	9	18
11	645	Sumanra Hazra	8	8	16	8	8	16
12	571	Puja Midya	8	8	16	9	8	17
13	572	Arpan Maji	8	9	17	8	9	17
14	600	Arpan Bera	8	9	17	8	9	17