

## INDEX MEDICAL COLLEGE, Hospital & Research Institute


### Special Classes time table for MBBS 1<sup>st</sup> Prof. Advanced Learners for session 2021-22

Date	Day	Time	Department	Topic
01/08/22	Monday	1.00-1.45pm	Anatomy	Fourth ventricle
03/08/22	Wednesday	1.00-1.45pm	Anatomy	Arch of aorta
05/08/22	Friday	1.00-1.45pm	Anatomy	Facial nerve innervations
08/08/22	Monday	1.00-1.45pm	Physiology	Diabetes
10/08/22	Wednesday	1.00-1.45pm	Physiology	Hyperthyroidism features
12/08/22	Friday	1.00-1.45pm	Physiology	Skeletal muscle
16/08/22	Tuesday	1.00-1.45pm	Biochemistry	Glycolysis steps
17/08/22	Wednesday	1.00-1.45pm	Biochemistry	Metabolism of nucleotide
20/08/22	Saturday	1.00-1.45pm	Biochemistry	Electron transport chain
22/08/22	Monday	1.00-1.45pm	Anatomy	Arches of foot
24/08/22	Wednesday	1.00-1.45pm	Anatomy	Histology of kidney
26/08/22	Friday	1.00-1.45pm	Anatomy	Sub-occipital triangle boundaries
29/08/22	Monday	1.00-1.45pm	Anatomy	Ischio-rectal fossa
30/08/22	Tuesday	1.00-1.45pm	Anatomy	Scalp and face
02/09/22	Friday	1.00-1.45pm	Anatomy	Ulnar nerve




  
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05/09/22	Monday	1.00-1.45pm	Physiology	Spinal reflexes
07/09/22	Wednesday	1.00-1.45pm	Physiology	Synaptic transmission
09/09/22	Friday	1.00-1.45pm	Physiology	Sensory receptors
12/09/22	Monday	1.00-1.45pm	Biochemistry	Recombinant DNA
14/09/22	Wednesday	1.00-1.45pm	Biochemistry	Gene expression
16/09/22	Friday	1.00-1.45pm	Biochemistry	PCR
19/09/22	Monday	1.00-1.45pm	Anatomy	Skull bones
21/09/22	Wednesday	1.00-1.45pm	Anatomy	Lung markings
23/09/22	Friday	1.00-1.45pm	Anatomy	Shoulder joint

  
HOD


Anatomy

**PROFESSOR & HEAD**  
DEPARTMENT OF ANATOMY  
INDEX MEDICAL COLLEGE,  
HOSPITAL & RESEARCH CENTRE  
INDORE (M. P.) 452016

  
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Physiology

**H. O. D.**  
Department of Physiology  
Index Medical College, Hospital  
& Research Centre, Indore (M.P.)

  
HOD

Biochemistry

Professor & HOD  
Department of Biochemistry  
Index Medical College Hospital & R. C.  
INDORE (M. P.)



  
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Malwanchal University  
Indore (M.P.)

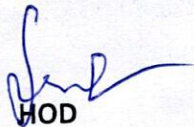
**INDEX MEDICAL COLLEGE, Hospital & Research Institute**  
**Special I Classes time table for MBBS 2<sup>nd</sup> Prof. Advanced Learners for**  
**session 2021-22**

Date	Day	Time	Department	Topic
01/08/22	Monday	1.00-1.45pm	Microbiology	<b>Mycobacterium</b>
03/08/22	Wednesday	1.00-1.45pm	Microbiology	<b>MHC complex</b>
05/08/22	Friday	1.00-1.45pm	Microbiology	<b>Opportunist mycoses</b>
08/08/22	Monday	1.00-1.45pm	Pharmacology	<b>Diuretics side effects</b>
10/08/22	Wednesday	1.00-1.45pm	Pharmacology	<b>Cholinergic drugs metabolism</b>
12/08/22	Friday	1.00-1.45pm	Pharmacology	<b>Pharmacokinetics</b>
16/08/22	Tuesday	1.00-1.45pm	Pathology	<b>Wound healing stages</b>
17/08/22	Wednesday	1.00-1.45pm	Pathology	<b>Types of carcinogens</b>
20/08/22	Saturday	1.00-1.45pm	Pathology	<b>Hypersensitivity types</b>
22/08/22	Monday	1.00-1.45pm	Pathology	<b>Megaloblastic anemia</b>
24/08/22	Wednesday	1.00-1.45pm	Pathology	<b>AML CML</b>
26/08/22	Friday	1.00-1.45pm	Pathology	<b>Breast carcinoma pathology</b>
29/08/22	Monday	1.00-1.45pm	Microbiology	<b>Trematodes</b>
30/08/22	Tuesday	1.00-1.45pm	Microbiology	<b>Innate immunity</b>



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02/09/22	Friday	1.00-1.45pm	Microbiology	Dermatophytes
05/09/22	Monday	1.00-1.45pm	Pharmacology	Steroids
07/09/22	Wednesday	1.00-1.45pm	Pharmacology	Glucocorticoids contraindications
09/09/22	Friday	1.00-1.45pm	Pharmacology	Anticoagulants types
12/09/22	Monday	1.00-1.45pm	Pharmacology	Anti diabetic drugs
14/09/22	Wednesday	1.00-1.45pm	Pharmacology	Anti epileptic drugs classification
16/09/22	Friday	1.00-1.45pm	Pharmacology	Sympatholytics
19/09/22	Monday	1.00-1.45pm	Pathology	Nephritic syndrome
21/09/22	Wednesday	1.00-1.45pm	Pathology	Tumors of adrenal medulla
23/09/22	Friday	1.00-1.45pm	Pathology	Ovarian tumors

  
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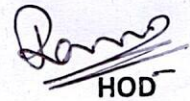
**Pathology**

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**Pharmacology**

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**Microbiology**

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**INDEX MEDICAL COLLEGE, Hospital & Research Institute**  
**Special Classes time table for MBBS 3<sup>rd</sup> Prof. Advanced Learners for**  
**session 2021-22**

Date	Day	Time	Department	Topic
31/10/22	Monday	1.00-1.45pm	Otorhinolaryngology	<b>Nerve supply of ear</b>
2/11/22	Wednesday	1.00-1.45pm	Otorhinolaryngology	<b>Vestibular physiology</b>
4/11/22	Friday	1.00-1.45pm	Otorhinolaryngology	<b>Acute otitis media</b>
7/11/22	Monday	1.00-1.45pm	Ophthalmology	<b>Optic atrophy</b>
9/11/22	Wednesday	1.00-1.45pm	Ophthalmology	<b>Paralytic squint</b>
11/11/22	Friday	1.00-1.45pm	Ophthalmology	<b>Acquired cataract</b>
14/11/22	Monday	1.00-1.45pm	Community medicine	<b>Cohort studies</b>
16/11/22	Wednesday	1.00-1.45pm	Community medicine	<b>Biostatistics</b>
18/11/22	Friday	1.00-1.45pm	Community medicine	<b>Maternal mortality rate</b>
21/11/22	Monday	1.00-1.45pm	Forensic medicine and toxicology	<b>Death types and autopsy methods</b>
23/11/22	Wednesday	1.00-1.45pm	Forensic medicine and toxicology	<b>CNS depressants</b>
25/11/22	Friday	1.00-1.45pm	Forensic medicine and toxicology	<b>Metallic and non metallic poisons</b>



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28/11/22	Monday	1.00-1.45pm	Otorhinolaryngology	Complications of CSOM
30/11/22	Wednesday	1.00-1.45pm	Otorhinolaryngology	Nasal polyps and fungal sinusitis
2/12/22	Friday	1.00-1.45pm	Otorhinolaryngology	Atrophic rhinitis
5/12/22	Monday	1.00-1.45pm	Ophthalmology	Glaucoma POGA and PACG
7/12/22	Wednesday	1.00-1.45pm	Ophthalmology	Retinoblastoma
9/12/22	Friday	1.00-1.45pm	Ophthalmology	Corneal ulcer
12/12/22	Monday	1.00-1.45pm	Community medicine	Demographic cycle
14/12/22	Wednesday	1.00-1.45pm	Community medicine	NITI AYOOG
16/12/22	Friday	1.00-1.45pm	Community medicine	Cold chain and AEFI
19/12/22	Monday	1.00-1.45pm	Forensic medicine and toxicology	Thermal and cold injuries
21/12/22	Wednesday	1.00-1.45pm	Forensic medicine and toxicology	Types of wounds
23/12/22	Friday	1.00-1.45pm	Forensic medicine and toxicology	Age estimation

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Community Medicine

H.O.D.

Deptt. of Community Medicine  
INDEX Medical College Hospital  
& Research Centre

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Ophthalmology

Prof. & HOD

Deptt. of Ophthalmology  
INDEX Medical College Hospital & R.C.  
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Professor And HOD

Department of ENT

INDEX Medical College, Indore

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Prof. & HOD

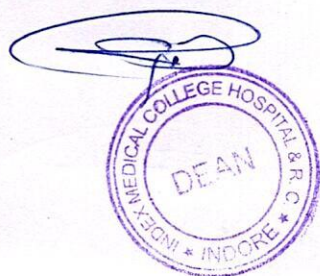
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Hospital & R.C., INDORE



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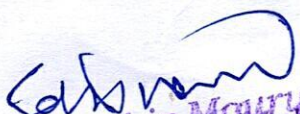
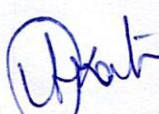
**INDEX MEDICAL COLLEGE, Hospital & Research Institute**  
**Special Classes time table for MBBS 4<sup>th</sup> Prof. Advanced Learners for**  
**session 2021-22**


Date	Day	Time	Department	Topic
21/11/22	Monday	1.00-1.45pm	Medicine	<b>Adult hypo pituitarism</b>
23/11/22	Wednesday	1.00-1.45pm	Medicine	<b>Addison's disease</b>
25/11/22	Friday	1.00-1.45pm	Medicine	<b>Acute complications of DM</b>
28/11/22	Monday	1.00-1.45pm	Surgery	<b>Hernia management</b>
30/11/22	Wednesday	1.00-1.45pm	Surgery	<b>Shock classification</b>
2/12/22	Friday	1.00-1.45pm	Surgery	<b>Breast surgeries</b>
5/12/22	Monday	1.00-1.45pm	Obstetric and gynaecology	<b>Ectopic pregnancy</b>
7/12/22	Wednesday	1.00-1.45pm	Obstetric and gynaecology	<b>Anemia in pregnancy</b>
9/12/22	Friday	1.00-1.45pm	Obstetric and gynaecology	<b>PIH</b>
12/12/22	Monday	1.00-1.45pm	Paediatrics	<b>Respiratory distress syndrome</b>
14/12/22	Wednesday	1.00-1.45pm	Paediatrics	<b>Cystic fibrosis</b>
16/12/22	Friday	1.00-1.45pm	Paediatrics	<b>Cyanotic congenital heart defects</b>




  
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19/12/22	Monday	1.00-1.45pm	Medicine	<b>Cirrhosis features</b>
21/12/22	Wednesday	1.00-1.45pm	Medicine	<b>Ascites management</b>
23/12/22	Friday	1.00-1.45pm	Medicine	<b>Short bowel syndrome</b>
26/12/22	Monday	1.00-1.45pm	Surgery	<b>Thyroid surgeries</b>
28/12/22	Wednesday	1.00-1.45pm	Surgery	<b>Benign prostate hyperplasia</b>
30/12/22	Friday	1.00-1.45pm	Surgery	<b>Rectal cancer</b>
2/01/23	Monday	1.00-1.45pm	Obstetric and gynaecology	<b>Mal presentation</b>
4/01/23	Wednesday	1.00-1.45pm	Obstetric and gynaecology	<b>AUB</b>
6/01/23	Friday	1.00-1.45pm	Obstetric and gynaecology	<b>Uterine fibroids</b>
9/01/23	Monday	1.00-1.45pm	Paediatrics	<b>Renal failure</b>
11/01/23	Wednesday	1.00-1.45pm	Paediatrics	<b>SAM management</b>
13/01/23	Friday	1.00-1.45pm	Paediatrics	<b>Acute rheumatic fever</b>

  
**HOD**  
**Dr. Sudhir Mourya**  
**MBBS, MD (Med.) M.B.A. (H.A.)**  
**Professor & HOD, General Medicine**  
**Reg. No. 4440, INCHRC, INDORE**  
**HOD**  
  
**HOD**  
**Dr. Pooja Geodhar**  
**MBBS, MD (Med.) M.B.A. (H.A.)**  
**Professor & HOD, Department-Surgery**  
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**Dr. Pooja Geodhar**  
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**HOD**  
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**Professor & HOD, Department of Paediatrics**  
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**Hospital & Research Centre**  
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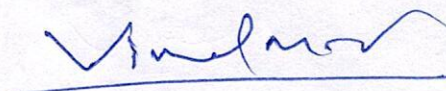


**INDEX MEDICAL COLLEGE, INDORE**  
**Department of Anatomy**

**Criteria for Advance Learners**

1<sup>st</sup> Internal examination was conducted by Department of Anatomy for 1<sup>st</sup> Prof. MBBS students. On evaluation it was observed that few students scored marks well above 65%. So the students were identified as above 65% advance learners.

Please find the question attached along with.



**Dr. Vimal Modi**  
**Prof. & HOD**

**Dept. of Anatomy**  
**PROFESSOR & HEAD**  
**DEPARTMENT OF ANATOMY**  
**INDEX MEDICAL COLLEGE,**  
**HOSPITAL & RESEARCH CENTRE**  
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**Hospital & R.C., INDORE**



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# INDEX MEDICAL COLLEGE

## Department of anatomy


### Assignment for Advance Learners, Batch 2021-22


#### Long questions


- Q.1) Describe basal nuclei in detail
- Q.2) Describe Maxillary artery, its origin & course, relations, applied anatomy
- Q.3) Describe facial nerve & Bell's palsy in detail
- Q.4) Describe extra biliary apparatus in detail
- Q.5) Write in detail about sub occipital triangle of neck

#### Short answer questions

- Q.1) Turner's syndrome
- Q.2) Venous drainage of lower limb
- Q.3) T.S. of mid brain at the level of superior colliculus
- Q.4) Ischio-rectal fossa
- Q.5) Histology of Liver

  
Dean  
Index Medical College,  
Hospital & R.C., INDORE

  
Dr. Vimal Modi  
Prof. & Head  
Dept. of Anatomy  
**PROFESSOR & HEAD**  
DEPARTMENT OF ANATOMY  
INDEX MEDICAL COLLEGE,  
HOSPITAL & RESEARCH CENTRE  
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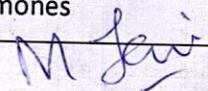
  
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**Index Medical College, Hospital and Research Centre**

**Department of Physiology**

The following teaching methods were adopted for advanced learner

<b>Method</b>	<b>Topic</b>
Problem based learning on the following topics	Heart blocks Obstructive lung disorders Type II Diabetes Mellitus Thyroid Hormone Myocardial infarction Renal function test
Group discussion	Growth spurt at different ages , Restrictive lung disorders, Hypothyroidism, , cerebellar lesions, Muscular dystrophy.
Tutorial	Baroreceptor reflex Gastric secretions Bowel syndrome Hirschsprung disease Regulation of respiration Deep sea diving physiology Transport of co2 Decerebrate rigidity Thalamic syndrome Cerebellar lesions Mechanism of hearing Mechanism of steroid hormones

  
**Dr. Manila Jain**


**Prof. & HOD**

**(Department of Physiology)**

**H. O. D.**

**Department of Physiology  
Index Medical College, Hospital  
& Research Centre, Indore (M.P.)**

  
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**MALWANCHAL UNIVERSITY,**  
**INDEX MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTER,**  
**INDORE (M.P.)**  
**DEPT. OF BIOCHEMISTRY**  
**Batch 21-22**

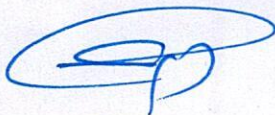
**Special Assigment Questions for Advanced Learners**

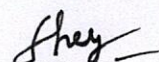
**Q1.** Describe Calcium and Phosphorus metabolism. Add a note on Tetany.

**Q2.** Describe Glycogenolysis, Add a note on Glycogen Storage Diseases.

**Q3. Write short note on :-**

- a. Liver Function Test
- b. Inborn error of Metabolism.
- c. Oncogenes
- d. Beta oxidation of Fatty Acid
- e. Porphyrrias
- f. Lesh -Nyhan Syndrome



  
Prof & Head

**Department of Biochemistry**

**Professor & HOD**  
Department of Biochemistry  
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**Department of Pharmacology  
Index Medical College, Indore**

Ref. IMCHRC/PHM/2023/02a

Date: 03/01/2023

**NOTICE**

The result of internal exam has been notified on the departmental notice board. The advance learners (those who had scored  $\geq 50\%$ ) are invited for the very special classes scheduled for the benefit of their higher studies.

The schedule is as follow:

Date	Time	Topic	Teacher
6/1/23	2.30-4 PM	Recent advances in Cardiovascular Pharmacology	Dr. S.Tripathi
7/1/23	2.30-4 PM	Recent advances in Drugs affecting CNS	Dr. P.Nyati
9/1/23	2.30-4 PM	Recent advances in Gastro-intestinal Pharmacology	Dr. P.Nyati
12/1/23	2.30-4 PM	Recent advances in Chemotherapy	Dr.Akash
13/1/23	2.30 -4 PM	Recent advances in Endocrine Pharmacology	Dr.S.Tripathi
17/1/23	2.30-4 PM	Recent advances in Resp. medicines	Dr. Jitendra & Dr Akash

The students as per the enclosed list are instructed to report to the Demo room of the department for these special sessions.

HOD,

Department of Pharmacology

**H. O. D.**

Department of Pharmacology  
Index Medical College, Hospital  
& Research Centre, Indore (M.P.)

C.C. Chairman, Index Group of Institute  
Dean, Index Medical College, Indore  
WA group of students

Dean  
Index Medical College,  
Hospital & R.C., INDORE

Registrar  
Malwanchal University  
INDORE (M.P.)

# DEPARTMENT OF PATHOLOGY

INDEX MEDICAL COLLEGE HOSPITAL & RESEARCH CENTRE INDORE

Ref. IMCHRC/PATH/2022/88

Date:- 28.07.2022

## NOTICE

The result of 1<sup>st</sup> Internal Assessment exam has been notified on the departmental notice board. The Advance learners (those who have scored  $\geq 25\%$ ) are directed to write down the answers to the following questions in practice journal or separate notebook. The students are instructed to report to the teacher allotted as per the separate notification after completion of the task.


### Long Answer Questions

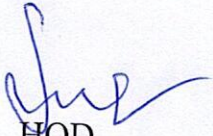
- Q.1. Write in detail about Carcinogenesis explaining the Molecular hallmarks of Cancer.
- Q.2. Describe in detail FNAC.
- Q.3. Describe AML in detail- Definition, Pathophysiology, Classification, Clinical features and Lab findings.
- Q.4. Write short notes on :
- A). Rheumatoid Arthritis.
  - B). BPH.
  - C). Hypervitaminosis-D
- Q.5. Discuss in detail about Colorectal Carcinoma- Incidence, Etiology, Molecular mechanism, Morphologic features, spread and Staging.


### Short Answer Questions

- Q.1 Write a note on CML.
- Q.2 Explain Medulloblastoma.
- Q.3 Write a note on Papillary Carcinoma of Thyroid.
- Q.4 Explain Meningitis.
- Q.5. Write WHO Classification of Bone and Cartilage tumours with notes on :
- A. Osteosarcoma.
  - B. Ewing's Sarcoma.

C.C. Chairman, Index Group of Institutes  
Dean, Index Medical College, Indore  
WA group of students

  
Dean  
Index Medical College,  
Hospital & R.C., INDORE

  
HOD,  
Department of Pathology  
**H. O. D.**  
Department of Pathology  
Index Medical College, Hospital  
& Research Centre, Indore (M.P.)

  
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# INDEX MEDICAL COLLEGE HOSPITAL & RESEARCH CENTRE, INDORE

## Department of Microbiology

### Criteria for Advances Learners.

23-07-2022

1<sup>st</sup> internal examination was conducted by the Department of Microbiology for 2<sup>nd</sup> prof. MBBS students.

On evaluation, it was observed that few students scored marks above 65%. Students who scored  $\geq 65$  are identified as advanced learners and are directed to write down answers to the following questions in a separate notebook to excel in their further studies in the Department.

The students are instructed to report to the teacher allotted as per the separate notification after the completion of the task.

#### A. Long Answer questions.

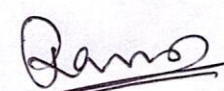
1. Enumerate the staining methods employed in the Microbiology laboratory. Write the differences between Gram-positive and Gram-negative bacteria.
2. Define and classify the sterilization method. Mention the uses of high-level and gaseous disinfectants used in hospitals.
3. write the indications for diagnosis of bacterial infections. Explain how the samples are processed in the laboratory for diagnosis of bacterial infections.
4. Enumerate the different horizontal gene transfer mechanisms. Explain Transposons.
5. Enumerate various mycoses? How the fungal infections diagnosed in a laboratory

#### B. Short answer questions.

1. Differences between exotoxins and endotoxins.
2. Killed vaccines
3. Inclusion bodies.
4. Differences between enrichment and selective medium.
5. Coombs test.



  
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Prof. & Head  
Department of Microbiology.  
Professor and Head  
Department of Microbiology  
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**Department Of Ophthalmology**  
**Index Medical College**  
**Constituent Unit of Malwanchal University, Indore**

**Advanced learners & measures to further enhance the capability**

Internal examinations are the criteria for the assessment of learning levels of the students. The result is displayed and students with >60% marks are identified as Advanced learners. They are provided with extra assignments for their further upliftment.

The students are made to present and discuss the recent updates available in various national and internal journals /eOphtha/eyewiki etc.

They are directed to write down the answer of the questions mentioned with a particular update in practice journal/ or a separate notebook and to report to the teacher allotted after completion of the task.

The teacher will thoroughly discuss the case to resolve the difficulties, if any occur during the understanding of the problem.

The students are directed to write recent advances in ongoing ophthalmological researches:

1. Recent advancements in management of cataract.
2. Explain the various types of refractive surgeries.
3. Briefly describe the investigations to assess the retinal disorders.
4. Describe keratoplasty and recent advances in corneal transplant.
5. Types of ectropion with their corrective surgeries.

The dead line for the submission of their write up for further discussion is provided.

*Sonalee*  
**DR SONALEE MITTAL**  
**PROFESSOR & HOD**  
**DEPARTMENT OF OPHTHALMOLOGY**



*[Signature]*  
**Registrar**  
**Malwanchal University**  
**Indore (M.P.)**



<b>SLOW LEARNER (&lt;25%)</b>				
S. No.	Name Of Students	Total Theory	Practical	Result (100)
		100	40	
1	Medline Pritisha Tirkey	20	12	32
2	Suman Sarkar	15	15	30
3	Lalit Gehlot	15	15	30
4	Yash Pratap Shahi	16	13	29
5	Ramkrishna Yadav	13	15	28
6	Krishna Bundela	19	5	24
7	Yash Raj Singh Moury	12	12	24
8	Ajay	10	10	20
9	Arpit Rao	12	8	20
10	Suraj Jatwa	10	9	19

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## Post Remedial marks

### SLOW LEARNER (<30%)

S. No.	Name Of Students	Total Theory	Practical	Result (100)
		100	40	
1	Medline Pritisha Tirkey	32	18	50
2	Suman Sarkar	30	18	48
3	Lalit Gehlot	29	17	46
4	Yash Pratap Shahi	28	18	46
5	Ramkrishna Yadav	27	18	45
6	Krishna Bundela	27	17	44
7	Yash Raj Singh Moury	26	16	42
8	Ajay	26	16	42
9	Arpit Rao	25	15	40
10	Suraj Jatwa	25	15	40

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INDEX MEDICAL COLLEGE HOSPITAL & RESEARCH CENTER, INDORE

DEPARTMENT OF OTORHINOLARYNGOLOGY

III MBBS, (Malwanchal University)

ADVANCED LEARNERS

PAPER I

Internal examinations are the criteria for the assessment of learning levels of the students.

The result is displayed and students with >60% marks are identified as Advanced learners. They are provided with extra assignments for their further upliftment.

The students are made to present and discuss the recent updates available in various national and internal journals /otorhinolaryngology etc.

They are directed to write down the answer of the questions mentioned with a particular update in practice journal/ or a separate notebook and to report to the teacher allotted after completion of the task.

The teacher will thoroughly discuss the case to resolve the difficulties, if any occur during the understanding of the problem.

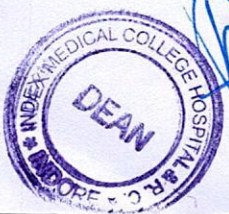
The students are directed to write recent advances in ongoing otorhinolaryngology researches:

- 1)Paraganglioma
- 2)Measurement of nasal airways
- 3)Auditory steady state response[ASSR]
- 4)Retrograde mastoidectomy
- 5)SCC of temporal bone.

**CRITERIA:** Theory and practical examination were conducted for students and marks were compiled and criteria for advanced learners was set for students > 60 % (72 Marks).

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**Index Medical College, Indore**  
**Department of Community Medicine**  
**III MBBS Part- I**

Criteria for Advance Lerner

- 1) All the students were assessed on the basis of internal examination (Sessional exam) in the subject of Community Medicine.
- 2) Students who scored more than or equal to 60% were selected as advanced learners.
- 3) Special assignments were given to these students for further advancement.


**Revision Question for Advanced Learners**

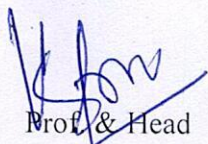
Q. 1. Long Answer Question:


- a) Describe epidemiology of Dengue & its management.
- b) Describe adverse events following immunization.
- c) Write in detail about cohort study.
- d) Describe Demographic cycle

Q. 2. Short Answer Question:

- a) Enumerate health related millennium development goals.
- b) Write a note on Hospital Acquired Infection.
- c) Define NMR, Current Status in India & its prevention.
- d) Write about IPHS for Primary Health Centre

  
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Prof. & Head  
Dept. of Community Medicine  
**Dr. V.K. Arora**  
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**Department Of General Medicine  
Index Medical College  
Constituent Unit of Malwanchal University, Indore**

**Advanced learners & measures to further enhance the capability**

Internal examinations are the criteria for the assessment of learning levels of the students. The result is displayed and students with >50% marks are identified as Advanced learners. They are provided with extra assignments for their further upliftment. The students are made to present and discuss the recent updates available in various national and internal journals /WEBMD/PUBMED etc.


They are directed to write down the answer of the questions mentioned with a particular update in practice journal/ or a separate notebook and to report to the teacher allotted after completion of the task.

The teacher will thoroughly discuss the case to resolve the difficulties, if any occur during the understanding of the problem.

The students are directed to write recent advances in ongoing ~~ophthalmological~~ <sup>Medical</sup> researches:

- a. Recent advancements in management of COPD.
- b. Explain the various types of Gastritis and their management.
- c. Briefly describe classification of anaemia and histopathological picture of the same.
- d. Difference between AKIN and RIFLE criteria for AKI. Different types of Nephrotic syndrome.
- e. Types of Headaches and management of Migraine.

The dead line for the submission of their write up for further discussion is provided.

  
**Dr. S. Mourya**  
Professor and H.O.D.  
Department of General Medicine

~~Dr. Sudhir Mourya~~  
M.D. (Med.) M.B.A. (H.A.)  
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**Exam Paper for Advanced Learners**

MBBS Final year 2018 batch

**Subject : General Surgery**

Date :

(10 x 5 = 50 marks)

1. Describe the management of fresh bleeding per rectum in a 60 years old male.
2. Describe etiopathogenesis, clinical features and management of acute intestinal obstruction,
3. Describe the management of a pulsatile swelling carotid triangle of neck.
4. Describe management of case of head injury with GCS of E3V4M5.
5. Describe the management of a 50 years old male with 60% burn. (Body weight – 70 kg)



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INDEX MEDICAL COLLEGE HOSPITAL & RESEARCH CENTER  
DEPARTMENT OF OBS & GYNAE  
MBBS BATCH 2018-19  
ASSIGNMENT FOR ADVANCE LEARNER (>90/120)

After 1<sup>st</sup> Internal Assessment students are classified into slow and Advance learner according to there Marks.

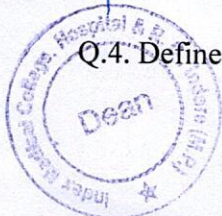
This Assignment was given to Advance learners to cover all important topics to improve there performance

**Long Answers**

- Q.1. Define gestational trophoblastic disease with classification and management.
- Q.2. Define Placenta, Functions of Placenta and Amniotic fluid.
- Q.3. What is ectopic pregnancy. Write risk factors, clinical features and management of Acute Ectopic Pregnancy
- Q.4. Define Postpartum Hemorrhage. Write causes and Management of PPH
- Q.5. Define Placenta previa. Write about types, Clinical features and management of placenta previa.
- Q.6. Write about clinical features and Management of fibroid.
- Q.7. Describe maternal pelvis it's diameter and fetal head.
- Q.8. Write Various method of screening of CA Cervix.
- Q.9. What is infertility. Describe causes of female infertility and management of tubal factors of infertility
- Q.10. What are the causes of abnormal uterine bleeding and management in a 46 Year old P3L3 women.

**Short Answers**

- Q.1. HELLP Syndrome
- Q.2. Caesarean scar Pregnancy
- Q.3. What is abortion and types of abortion.
- Q.4. Define Preeclampsia and it's etiopathogenesis.



Q4

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Q5. What do you mean by induction of labor. What are prerequisite and indication for IOL. Q6.

Biophysical score

Q7. PALM COEIN Classification Q8.

S/N on Bacterial Vaginosis.

Q9. WHO Criteria for semen analysis.

Q10. Difference between benign and malignant ovarian tumors.

### Very Short Answers

1. Complications of twin pregnancy.
2. Indication and C/I of MgSO<sub>4</sub>.
3. Fetal circulation.
4. Non contraceptive uses of DMPA inj.
5. Indication of HRT in Menopausal patient.
6. Methods of emergency contraceptive
7. Functions of placenta
8. Indication of C section
9. Causes of Post Menopausal bleeding
10. Hormonal test of pregnancy



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**DEPARTMENT OF PEDIATRICS**  
**INDEX MEDICAL COLLEGE HOSPITAL & RESEARCH CENTRE**  
**BATCH 2018-19**  
**(ASSIGNMENT FOR ADVANCED LEARNERS)**

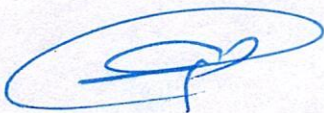
All questions are compulsory


Long questions (each question carries 10 marks)

1. Write approach to comatose child.
2. Write criteria for diagnosis of SAM. Enumerate complications of SAM in a child.
3. Write approach to DKA. Describe management of DKA.

Short questions (each question carries 5 marks)


1. Breathholding spell
2. Covid in children
3. AFP
4. New combination vaccines



  
DR SWATI PRASHANT

HOD

DEPT OF PAEDIATRICS  
**Dr. Swati Raipurkar**  
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