

MGM SCHOOL OF BIOMEDICAL SCIENCES (A constituent unit of MGM INSTITUTE OF HEALTH SCIENCES)

(Deemed University u/s 3 of UGC Act 1956) Grade "A⁺⁺"sAccredited by NAAC Sector 1, Kamothe Navi Mumbai-410209, Tel.No.:022-27437631,27437632,27432890 Email. <u>sbsnm@mgmuhs.com</u>/Website : www.mgmsbsnm.edu.in

CHOICE BASED CREDIT SYSTEM (CBCS)

(Academic Year 2023 - 24)

Curriculum for

B.Sc. Allied Health Sciences

B.Sc. Operation Theater & Anesthesia Technology

Semester I to VIII

Curriculum for B.Sc. Operation Theatre & Anaesthesia Technology

| | | | | OUTL | NE OF COU | RSE CU | RRICULI | JM | | | | | | |
|-------------|---|----------------|-----------------|------------------|--------------------------------------|-------------------------|----------------|-----------------|------------------|---|-----------------|-------------------------------|-------------------------------|-------|
| | | | B.Sc. | Operatio | on Theatre a | nd Anac | esthesia ' | Technolo | ogy | | | | | |
| | | | | | Seme | ester I | | | | | | | | |
| | | | | Credits/V | Veek | | | | Hrs/Semes | ter | | | Marks | |
| Code No. | Core Course | Lecture (L) | Tutorial (T) | Practical (P) | Clinical Posing/ Rotation (CP) | Total Credits (C) | Lecture (L) | Tutorial (T) | Practical (P) | Clinical Posing/ Rotation (CP) | Total (hrs.) | Internal Asseme nt (IA) | Semester End Exam (SEE) | Total |
| | | | | | The | eory | | | | | | | | |
| BATOT 101 L | Human Anatomy Part I | 2 | - | - | - | 2 | 30 | - | - | - | 30 | 10 | 40 | 50 |
| BATOT 102 L | Human Physiology Part I | 2 | - | - | - | 2 | 30 | - | - | - | 30 | 10 | 40 | 50 |
| BATOT 103 L | General Biochemistry & Nutrition | 3 | - | - | - | 3 | 45 | - | - | - | 45 | 10 | 40 | 50 |
| BATOT 104 L | Introduction to National Health Care System | 2 | - | - | - | 2 | 30 | - | - | - | 30 | 10 | 40 | 50 |
| | | | | | | | | | | | | | | |
| BATOT 101 P | Human Anatomy Part I | - | - | 1 | - | - | - | - | 15 | - | 15 | - | - | - |
| BATOT 102 P | Human Physiology Part I | - | - | 1 | - | - | - | - | 15 | - | 15 | - | - | - |
| BATOT 103 P | General Biochemistry Nutrition | - | - | 1 | - | - | - | - | 15 | - | 15 | - | - | - |
| BATOT 105 P | Community Engagement & Clinical Visit (Including related practicals to the Parent course) | - | - | - | 24 | 8 | - | - | - | 360 | 360 | - | 50 | 50 |
| | | | | | Ability Enhan | cement C | ourse | | | | | | | |
| AEC 001 L | English & Communication skills | 4 | - | - | - | 4 | 60 | - | - | - | 60 | 10 | 40 | 50 |
| | | | | | Multidiscipl | inary Cou | irse | | | | | | | |
| MD 001 L | Envioronmental Sciences | 4 | - | - | - | 4 | 60 | - | - | - | 60 | 10 | 40 | 50 |
| | Total | 17 | 0 | 3 | 24 | 25 | 255 | 0 | 45 | 360 | 660 | 60 | 290 | 350 |

| | | | | OUT | LINE OF COUR | SE CUR | RICULU | М | | | | | | |
|-------------|---|----------------|-----------------|------------------|-----------------------------------|-------------------------|----------------|-----------------|------------------|---|-----------------|------------------------------|-------------------------------|-------|
| | | | B.Sc | . Operat | tion Theatre an | d Anaes | thesia T | echnolo | gy | | | | | |
| | | | | | Semes | ter II | | | | | | | | |
| | | | | Credits/ | Week | | | | Hrs/Sem | ester | | | Marks | |
| Code No. | Core Course | Lecture (L) | Tutorial (T) | Practical (P) | Clinical Posing/ Rotation (CP) | Total Credits (C) | Lecture (L) | Tutorial (T) | Practical (P) | Clinical Posing/ Rotation (CP) | Total (hrs.) | Internal Assement (IA) | Semester End Exam (SEE) | Total |
| | | | | | Theo | ory | | | | | | | | |
| BATOT 106 L | Human Anatomy Part II | 2 | - | - | - | 2 | 30 | - | - | - | 30 | 10 | 40 | 50 |
| BATOT 107 L | Human Physiology Part II | 2 | - | - | - | 2 | 30 | - | - | - | 30 | 10 | 40 | 50 |
| BATOT 108 L | General Microbiology | 3 | - | - | - | 3 | 45 | - | - | - | 45 | 10 | 40 | 50 |
| BATOT 109 L | Basic Pathology & Hematology | 4 | - | - | - | 4 | 60 | - | - | - | 60 | 10 | 40 | 50 |
| BATOT 110 L | Introduction to Quality and Patient safety (Multidisciplinary/Interdisciplinary) | 3 | - | - | - | 3 | 45 | - | - | - | 45 | 10 | 40 | 50 |
| | | | | | Pract | ical | | | | | | - | 1 | |
| BATOT 106 P | Human Anatomy Part II | - | - | 1 | - | - | - | - | 15 | - | 15 | - | - | - |
| BATOT 107 P | Human Physiology Part II | - | - | 1 | - | - | - | - | 15 | - | 15 | - | - | - |
| BATOT 108 P | General Microbiology | - | - | 1 | - | - | - | - | 15 | - | 15 | - | - | - |
| BATOT 109 P | Basic Pathology & Hematology | - | - | 1 | - | - | - | - | 15 | - | 15 | - | - | - |
| BATOT 111 P | Community Engagement & Clinical Visit (Including related practicals to the Parent course) | - | - | - | 24 | 8 | - | - | - | 360 | 360 | - | 50 | 50 |
| | | | | ! | Skill Enhancement | Elective | Course | | | | | | | |
| SEC 001 L | Medical Bioethics & IPR | | | | | | | | | | | | | |
| SEC 002 L | Human Rights & Professional Values | 3 | - | - | - | 3 | 45 | - | - | - | 45 | 10 | 40 | 50 |
| | Total | 17 | 0 | 4 | 24 | 25 | 255 | 0 | 60 | 360 | 675 | 60 | 290 | 350 |

| | | | οι | JTLINE OF | COURSE | CURR | ICULUM | | | | | | | |
|------------------------|---|----------------|-----------------|------------------|---|-------------------------|----------------|-----------------|------------------|---|-----------------|------------------------------|-------------------------------|-------|
| | | B. | Sc. Oper | ation The | atre and A | Anaesth | esia Tec | hnology | | | | | | |
| | | | | | Semester | Ш | | | | | | | | |
| | | | C | redits/Week | κ. | | | Hı | s/Semester | r | | | Marks | |
| Code No. | Core Course | Lecture (L) | Tutorial (T) | Practical (P) | Clinical Posing/ Rotation (CP) | Total Credits (C) | Lecture (L) | Tutorial (T) | Practical (P) | Clinical Posing/ Rotation (CP) | Total (hrs.) | Internal Assement (IA) | Semester End Exam (SEE) | Total |
| | | | | | Theory | | | | | | | | | |
| BATOT 112 L | Introduction To Operation Theatre Technology (OT) | 2 | 1 | - | - | 3 | 30 | 15 | - | - | 45 | 20 | 80 | 100 |
| BATOT 113 L | Introduction To Anesthesia Technology (AT) | 3 | - | - | - | 3 | 45 | - | - | - | 45 | 20 | 80 | 100 |
| BATOT 114 L | Principles of Anesthesia | 3 | - | - | - | 3 | 45 | - | - | - | 45 | 20 | 80 | 100 |
| BATO T115 CP | ATOT Directed Clinical Education-I | - | - | - | 27 | 9 | - | - | - | 405 | 405 | - | 50 | 50 |
| | | | | | Practica | l | | | | | | | | |
| BATOT 112 P | Introduction To Operation Theatre Technology (OT) | - | - | 4 | - | 2 | - | - | 60 | - | 60 | 10 | 40 | 50 |
| BATOT 113 P | Introduction To Anesthesia Technology (AT) | - | - | 4 | - | 2 | - | - | 60 | - | 60 | 10 | 40 | 50 |
| | | | | Gene | ric Electiv | e Course | | | | • | | | | |
| GEC 001 L GEC 002 L | Pursuit of Inner Self Excellence (POIS) Organisational Behaviour | 3 | - | - | - | 3 | 45 | - | - | - | 45 | 10 | 40 | 50 |
| | Total | 11 | 1 | 8 | 27 | 25 | 165 | 15 | 120 | 405 | 705 | 90 | 410 | 500 |

| | | | OUTL | INE OF C | OURSE | CURR | ICULUM | | | | | | | |
|------------------------|---|----------------|-----------------|------------------|---|------------------|----------------|-----------------|------------------|---|-----------------|------------------------------|-------------------------------|-------|
| | | B.Sc | . Operati | on Theat | re and A | Anaesth | iesia Tec | hnology | | | | | | |
| | | | | S | emester | IV | | | | | | | | |
| | | | Cr | edits/Week | | | | Н | rs/Semeste | r | | | Marks | |
| Code No. | Core Course | Lecture (L) | Tutorial (T) | Practical (P) | Clinical Posing/ Rotation (CP) | Total Credits | Lecture (L) | Tutorial (T) | Practical (P) | Clinical Posing/ Rotation (CP) | Total (hrs.) | Internal Assement (IA) | Semester End Exam (SEE) | Total |
| | | | | | Theory | | | | | | | | | |
| BATOT 116 L | Basic techniques of Anesthesia | 2 | - | - | - | 2 | 30 | - | - | - | 30 | 20 | 80 | 100 |
| BATOT 117 L | Medical diseases influencing choice of Anesthesia | 3 | - | - | - | 3 | 45 | - | - | - | 45 | 20 | 80 | 100 |
| BATOT 118 L | Medicine relevant to OT technology | 3 | - | - | - | 3 | 45 | - | - | - | 45 | 20 | 80 | 100 |
| BATOT 119 CP | ATOT Directed Clinical Education-II | - | - | - | 30 | 10 | - | - | - | 450 | 450 | - | 50 | 50 |
| | | | | | Practical | | | | | | | | | |
| BATOT 116 P | Basic techniques of Anesthesia | - | - | 4 | - | 2 | - | - | 60 | - | 60 | 10 | 40 | 50 |
| | | | Ab | ility Enhan | cement E | lective (| Course | | | | | | | |
| AEC 003 L AEC 004 L | Computer and Applications Biostatistics and Research Methodology | - 3 | - | - | - | 3 | 45 | - | - | - | 60 | 10 | 40 | 50 |
| | Total | 11 | 0 | 4 | 30 | 23 | 165 | 0 | 60 | 450 | 690 | 80 | 370 | 450 |

| | | | (| OUTLIN | E OF CC | URSE CUR | riculu | М | | | | | | |
|--------------|--------------------------------------|----------------|-----------------|-----------|---|----------------------|----------------|-----------------|------------------|---|-----------------|------------------------------|-------------------------------|-------|
| | |] | B.Sc. Op | peration | Theatre | e and Anaes | thesia T | echnolo | gy | | | | | |
| | | | | | Sei | nester V | | | | | | | | |
| | | | | Credits/V | Veek | | | ł | Irs/Semes | ter | | | Marks | |
| Code No. | Core Course | Lecture (L) | Tutorial (T) | | Clinical Posing/ Rotation (CP) | Total Credits (C) | Lecture (L) | Tutorial (T) | Practical (P) | Clinical Posing/ Rotation (CP) | Total (hrs.) | Internal Assement (IA) | Semester End Exam (SEE) | Total |
| | | | | | , | Theory | | | | | | | | |
| BATOT 120 L | Basics of Surgical Procedures | 2 | - | - | - | 2 | 30 | - | - | - | 30 | 20 | 80 | 100 |
| BATOT 121 L | CSSD Procedures | 2 | - | - | - | 2 | 30 | - | - | - | 30 | 20 | 80 | 100 |
| BATOT 122 L | Advance Anesthetic Techniques | 2 | 1 | - | - | 3 | 45 | - | - | - | 45 | 20 | 80 | 100 |
| BATOT 123 CP | ATOT Directed Clinical Education-III | - | - | - | 30 | 10 | - | - | - | 450 | 450 | - | 50 | 50 |
| | | | | | F | ractical | | | | | | 11 | | |
| BATOT 120 P | Basics of Surgical Procedures | - | - | 4 | - | 2 | - | - | 60 | - | 60 | 10 | 40 | 50 |
| BATOT 122 P | Advance Anesthetic Techniques | - | - | 4 | - | 2 | - | - | 60 | - | 60 | 10 | 40 | 50 |
| | | | | | Core E | lective Course | | | | | | | | |
| CEC 005 L | Basics of Clinical Skill Learning | 3 | | - | - | 3 | 45 | | - | - | 45 | 10 | 40 | 50 |
| CEC 006 L | Hospital Operation Management | 5 | - | - | _ | 3 | U.F. | - | - | | 40 | 10 | 40 | 50 |
| | Total | 9 | 1 | 8 | 30 | 24 | 150 | 0 | 120 | 450 | 720 | 90 | 410 | 500 |

| | | | | OUTL | INE OF (| OURSE CUR | RICULU | M | | | | | | |
|--------------|---|---------|-------|--------------|------------------|---------------|-----------|---------------|-----------|-------------------|--------|----------------------|----------------------|-------|
| | | | B.Sc. | Operati | on Theat | re and Anaes | sthesia T | [echnological | ogy | | | | | |
| | | | | | S | emester VI | | | | | | | | |
| | | | | Credits/ | Week | | | H | rs/Semest | er | | | Marks | |
| Code No. | Core Course | Lecture | | Practical | • | Total Credits | Lecture | | Practical | Ŭ | Total | Internal Assement | Semester End Exam | Total |
| | | (L) | (T) | (P) | Rotation (CP) | (C) | (L) | (T) | (P) | Rotation (CP) | (hrs.) | (IA) | (SEE) | |
| | | | | | | Theory | | | | | | | | |
| BATOT 124 L | Basic Intensive Care | 2 | - | - | - | 2 | 30 | - | - | - | 30 | 20 | 80 | 100 |
| BATOT 125 L | Specialized Surgery and Anesthesia | 4 | - | - | - | 2 | 60 | - | - | - | 60 | 20 | 80 | 100 |
| BATOT 126 L | Electronics and technology in Surgery and Anesthesia | 2 | 1 | - | - | 3 | 30 | 15 | - | - | 45 | 20 | 80 | 100 |
| BATOT 127 CP | ATOT Directed Clinical Education-IV | - | - | - | 45 | 15 | - | - | - | <mark>6</mark> 75 | 675 | - | 50 | 50 |
| | Total | 8 | 1 | 0 | 45 | 22 | 120 | 15 | 0 | 675 | 810 | 60 | 290 | 350 |

| | | | | OUTLI | NE OF CO | URSE C | JRRICU | LUM | | | | | | |
|---------------------------------|--|--------------|-----------------|--|---|-------------------------|----------------|-----------------|------------------|---|--------------|------------------------------|----------------------------|------|
| | | | В | Sc. Operation | | | | a Techn | ology | | | | | |
| | | | | | Semeste | er VII & | VIII | | | | | | | |
| | | Credits/Week | | | | | | | Hrs/Se | mester | | | Marks | |
| Code No. | Core Course | Lecture (L) | Tutorial (T) | Practical (P) | Clinical Posing/ Rotation (CP) | Total Credits (C) | Lecture (L) | Tutorial (T) | Practical (P) | Clinical Posing/ Rotation (CP) | Total (hrs.) | Internal Assement (IA) | Semester End Exam (SEE) | Tota |
| | | | | | | Theory | | | | | | | | |
| BATOT 128 | B.Sc. AT & OT Internship (Semester VII) | - | - | 1 | 16 | 17 | - | - | 42 | 1008 | 1050 | 20 | 80 | 100 |
| BATOT 129 | B.Sc. AT & OT Internship (Semester VIII) | - | - | 1 | 16 | 17 | - | - | 42 | 1008 | 1050 | 20 | 80 | 100 |
| (IA) for Sen | sment Exam Pattern nester VII & VIII ship Program) | | Semes (SEE | heme of Unive ster End Exan) for Semester (Internship Pr | ination VII & | | | | ed that w | 0 marks) of reightage be per following | given to at | | | |
| | n pattern: Total 20 following breakup | | | al exam patte arks with foll breakup | | | | Attei | ndance I | Percentage | Ma | ırks | | |
| Description | Marks | | Exercise | Description | Marks | | | | < 7. | 5 | Ze | ero | | |
| nternal exam (at lepartment) | 10 marks | | | Case Study | 2 x15=30 M | | | | 75 | | | 5 | | |
| Viva | 5 marks | 1 | Q No 2 | Station exercise | 3 x 5=15 | | | | 76-8 | 0 | | 6 | | |
| | | | Q No 3 | | 15 M | | | | 81-8 | 5 | | 7 | | |
| | 5 marks | | Q INO D | | | | | | | | | | | |
| log Book | 5 marks = 20 Marks | | | Log Book | 10 M | | | | 86-9 | 0 | | 8 | | |
| .og Book | | | QNo 4 | | 10 M 10 M | | | | 86-9 91-9 | | | 8 9 | | |

B.Sc. Allied Courses Scheme of Examination Pattern

B.Sc. First Year (Semester I & II) w.e.f. (Academic Year 2023-24 onwards)

| Question type | No. of questions | Questions to be answered | Question X marks | Total marks |
|------------------|---|--------------------------------|---------------------|----------------|
| Short answers | 5 | 4 | 4 x 3 marks each | 12 marks |
| CIA | Seminar / p Assignment | | , | 8 marks |
| | Total | | | 20 marks |

Internal Examination Pattern (Theory)

Note -20 marks to be converted to 10 marks weightage for submission to the university.

University Examination Pattern (Theory)

| Question | No. of | Questions to | Question X | Total |
|-------------|-----------|--------------|------------|----------|
| Туре | Questions | be Answered | marks | marks |
| | | Section A | | · |
| Structured | 3 | 2 | 2X8 | 16 Marks |
| LAQ | | | | |
| Short notes | 8 | 6 | 6X4 | 24Marks |
| | | Total | | 40 Marks |

Note: The exam pattern for Course "Community Engagement & Clinical Visit (Including Related Practicals To The Parent Course)" is as per Annexure No-1.

Annexure No-1

EVALUATION FORM FOR

COMMUNITY ENGAGEMENT & CLINICAL VISIT (INCLUDING RELATED PRACTICALS TO THE PARENT COURSE)

Name of the Student:Semester:Program/Course:Semester:Name of the Internal Faculty/Observer:Semester:Name of the External Faculty/Observer:Semester:

| Sr. No. | Core Competencies | Marks Allotted | Marks Obtained |
|------------|---|-------------------|-------------------|
| 1. | Community Engagement/Educational Tour/Field work/Hospital visits/NSS (Report) | 15 | |
| 2. | Demonstrated understanding of responsibilities | | |
| 3. | Managed time effectively to meet deadlines | | |
| 4. | Communicated well with others (Staff members, Teacher, Patients, Community Members, etc) | 10 | |
| 5. | Demonstrated knowledge required to meet objectives | | |
| 6. | Completed required tasks as assigned by Teacher/Co- ordinator | | |
| 7. | Model making / Quiz/ Poster/Conference/ Seminar/ Presentation/Innovative Ideas Competition | 15 | |
| 8. | Attendance | 10 | |
| | Total Marks | 50 | |

Internal Faculty/Observer Signature: External Faculty/Observer Signature:

Date:

Internal Examination Pattern UG Second & Third Year (Semester III to VI) (Approved in BOM 55/2018 dated, 27/11/2018)

Internal examination pattern UG (Second & Third Year) (Theory) : 20marks

| Question type | No. of questions | Questions to be answered | Question X marks | Total marks |
|---------------|------------------|-----------------------------|---------------------|-----------------|
| Long essays | 2 | 1 | 1x10 | 10 marks |
| Short answers | 3 | 2 | 2x5 | 10 marks |
| Total | | | | Total= 20 marks |

Marks should be submitted by respective departments at least 15 days prior to onset of university examination to the university.

Internal examination pattern UG (Second & Third Year) (Practical) : 10marks

| Internal exam (At department level) | 10 marks |
|-------------------------------------|--------------|
| Viva | 5 marks |
| Log book | 5 marks |
| Theory and practical | Total = 20 M |

Note -20 marks to be converted to 10 marks weightage for submission to the university.

University Examination Pattern UG Second & Third Year (Semester III to VI)

(Approved in BOM 55/2018 dated, 27/11/2018)

Theory Question Paper Pattern For Core Subjects in University Examinations (Second & Third year) Under CBCS - 80 Marks

| Question type | No. of questions | Questions to be answered | Question X marks | Total marks |
|----------------|---------------------|--------------------------|---------------------|--------------------|
| Section 1 | | | | |
| MCQ | 10 | 10 | 10x1 | 10 marks |
| Section 2 | | | | |
| Structured LAQ | 3 | 2 | 2x15 | 30 marks |
| Short notes | 6 | 5 | 5 x 8 | 40 marks |
| | · | • | | Total= 80 Marks |

General Instructions (Theory):

A. Time duration of each Theory Paper will be of Three (3) Hrs or $1 \frac{1}{2}$ hrs as the case may be.

B. Total Marks of each Theory Paper will be 80 Marks / 40 Marks.

C. There will be TWO Sections in Question Paper. Section ONE will be MCQ while Section TWO will be long & short essay questions. There will be internal option.

D. Both the Sections are compulsory.

E. Both the sections are to be written in the separate answer sheet

Practical Question Paper Pattern For University Examinations Under CBCS - 40 Marks

| Exercise | Description | Marks |
|----------|------------------------|--------------|
| Q No 1 | Practical exercise - 1 | 1 x10=10 M |
| Q No 2 | Station exercise | 3x5M=15 M |
| Q No 3 | VIVA | 10 M |
| QNo 4 | Journal | 5 M |
| | | Total = 40 M |

General Instructions (Practical):

- A. All the students have to remain present at the examination centre 15 minutes before the scheduled time for examination.
- B. Students have to carry with them certified journal, I-card or examination receipt, and other necessary requirements for examination.
- C. Candidate should not leave the practical hall without the permission of examiner.
- D. Use of calculator is allowed but the use of mobile phones is strictly prohibited.
- E. The candidate has to leave the laboratory only after the submission of all the answer sheets of the exercises performed.

Internal Examination Pattern (Elective Subject) UG (Second & Third Year) (Theory) : 20 marks

| Question type | No. of questions | Questions to be answered | Question X marks | Total marks |
|---------------|------------------|-----------------------------|---------------------|-----------------|
| Long essays | 2 | 1 | 1x10 | 10 marks |
| Short answers | 3 | 2 | 2x5 | 10 marks |
| Total | | | | Total= 20 marks |

Note -20 marks to be converted to 10 marks weightage for submission to the university.

Theory Question Paper Pattern For Elective courses under University exam for B.Sc. Second and Third year (semester III to V) (AY 2020-21 onwards) (Resolution No. 4.7 of Academic Council (AC-40/2021- Point no ii)

| Question type | No. of questions | Questions to be answered | Question X marks | Total marks |
|----------------|---------------------|--------------------------|---------------------|-------------|
| Structured LAQ | 3 | 2 | 2x10 | 20 marks |
| Short notes | 5 | 4 | 4 x5 | 20 marks |
| Total | | | | 40 Marks |

Annexure 1.5- Model Checklist for Evaluation of the Clinical Directed Posting (UG)

| Name of the student: Program: | | Date: | | |
|---|---|-------------------|-------------------|--|
| Semester: | Name of the Internal faculty/Observe Name of the External Faculty/Observ | er: | | |
| Core Competencies | | Marks allotted | Marks obtained | |
| allied health personnel r will learn principles of p provide direct care to ind | develop critical thinking abilities utilizing the coles of communicator and caregiver. Students rofessional allied health personnel practice and ividuals within a medical surgical setting while niqueness of individuals with health alterations. | | | |
| | Clinical Teaching | | | |
| a. Demonstrate begin | nning competency in technical skills. | 10 | | |
| | Independent Work by Student guided by fac | ulty | | |
| | communication skills (verbally and through ients, team members, and family | 2.5 | | |
| • | inter-professional team member roles and . Establish appropriate relationships with team | 2.5 | | |
| | Hands on practical work by students | | | |
| | ality of electronic/manual health records data, knowledge of technology in an ethical manner | 05 | | |
| | Independent work by student | | | |
| manner. Arrive to | cted behaviors and complete tasks in a timely clinical experiences at assigned times. onal behavior and appearance. | 05 | | |
| Log book | | 10 | | |
| Viva | | 10 | | |
| Attendance | | 05 | | |
| | Total | 50 Marks | | |