**KENYA MEDICAL TRAINING COLLEGE**

**KMTC QUALITY MANAGEMENT SYSTEM**

**TEACHING AND LEARNING LESSON DESIGN PLAN**

 **CAMPUS:** Voi **TARGET**: Clinical Medicine CLASS: March 2020 **DATE:** **TIME**: ………………….

**SUBJECT:** SURGERY III **UNIT**:  **HEAD AND NECK CONDITION** **TOPIC:**  HEAD AND NECK TUMOURS

**UNIT OBJECTIVE:** By the end of this lesson the learner should be able to, identify and manage head, neck and nervous system conditions

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| INSTRUCTIONAL APPROACH | SPECIFICOBJECTIVES | TEACHING METHOD | TEACHER’SACTIVITY | LEARNER’SACTIVITY | INSTRUCTIONALMEDIA | REFERRENCE | TIME | REMARKS |
| SchemaActivation | *Climate setting**Introduction to the unit and the subject**Background information* *Topic introduction* | *Greetings**Brain storming**Introduction* | *Introduction to students**Lecturer asking questions* | *Introduction to lecturers**Answering and asking questions* | *White board**Marker pen**Projectors**Pen* | *Aaron A.R* *Tobian M.D**Serwadda, Quinn.Kigozi, Atingà* | *5 min* | *Done* |
| SchemaConstruction | *Introduction**Classification**WHO classification of tumors**Etiology and clinical features* | *Lectures tutorials**Class room discussion* | *Lecturing**Asking questions**Giving answers* | *Taking notes and listening**Answering and asking questions* | *White board**Marker pen**Projectors**Pen**Lecture notes* | *Burkitt, H. G., Quick, C. R., & Reed, J. B. (2014). Essential Surgery - Problems, Diagnosis and Management. London: Churchill Livingstone, ELSEVIER.* | *1 hr 40 min* | *Done* |
| Schemarefinement | *Evaluation of* *Students understanding**Provision of assignment* | *Lecture**Classroom discussion* | *Lecturing asking questions**Giving assignments* | *Answering questions**Asking questions* | *White board**Marker pen**Projectors**Pen**Lecture notes* | *Ebnezar, J. R. (2016). Textbook of Orthopedics. New Delhi: Ansari.* | *10 min* | *done* |

Subject lecturer:………………………………………………………………………………… Signature:…………………………………………… Date……………………..

Course coordination:…………………………………………………………………………. Signature:…………………………………………… Date……………………..

Head of department: ………………………………………………………………………… Signature:…………………………………………… Date…………………….

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 **CAMPUS:** Voi **TARGET**: Clinical Medicine CLASS: March 2020 **DATE:** **TIME**: ………………….

**SUBJECT:** SURGERY III **UNIT**:  **HEAD AND NECK CONDITION** **TOPIC:**  HEAD AND NECK TUMOURS

**UNIT OBJECTIVE:** By the end of this lesson the learner should be able to, identify and manage head, neck and nervous system conditions

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| INSTRUCTIONAL APPROACH | SPECIFICOBJECTIVES | TEACHING METHOD | TEACHER’SACTIVITY | LEARNER’SACTIVITY | INSTRUCTIONALMEDIA | REFERRENCE | TIME | REMARKS |
| SchemaActivation | *Climate setting**Introduction to the unit and the subject**Background information* *Topic introduction* | *Greetings**Brain storming**Introduction* | *Introduction to students**Lecturer asking questions* | *Introduction to lecturers**Answering and asking questions* | *White board**Marker pen**Projectors**Pen* | *Aaron A.R* *Tobian M.D**Serwadda, Quinn.Kigozi, Atingà* | *5 min* | *Done* |
| SchemaConstruction | *Treatment of head tumors**Hydrocephalus**Classification and clinical features**complications* | *Lectures tutorials**Class room discussion* | *Lecturing**Asking questions**Giving answers* | *Taking notes and listening**Answering and asking questions* | *White board**Marker pen**Projectors**Pen**Lecture notes* | *Burkitt, H. G., Quick, C. R., & Reed, J. B. (2014). Essential Surgery - Problems, Diagnosis and Management. London: Churchill Livingstone, ELSEVIER.* | *1 hr 40 min* | *Done* |
| Schemarefinement | *Evaluation of* *Students understanding**Provision of assignment* | *Lecture**Classroom discussion* | *Lecturing asking questions**Giving assignments* | *Answering questions**Asking questions* | *White board**Marker pen**Projectors**Pen**Lecture notes* | *Ebnezar, J. R. (2016). Textbook of Orthopedics. New Delhi: Ansari.* | *10 min* | *done* |

Subject lecturer:………………………………………………………………………………… Signature:…………………………………………… Date……………………..

Course coordination:…………………………………………………………………………. Signature:…………………………………………… Date……………………..

Head of department: ………………………………………………………………………… Signature:…………………………………………… Date…………………….

**KENYA MEDICAL TRAINING COLLEGE**

**KMTC QUALITY MANAGEMENT SYSTEM**

**TEACHING AND LEARNING LESSON DESIGN PLAN**

 **CAMPUS:** Voi **TARGET**: Clinical Medicine CLASS: March 2020 **DATE:** **TIME**: ………………….

**SUBJECT:** SURGERY III **UNIT**:  **HEAD AND NECK CONDITION** **TOPIC:**  HEAD INJURIES

**UNIT OBJECTIVE:** By the end of this lesson the learner should be able to, identify and manage head, neck and nervous system conditions

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| INSTRUCTIONAL APPROACH | SPECIFICOBJECTIVES | TEACHING METHOD | TEACHER’SACTIVITY | LEARNER’SACTIVITY | INSTRUCTIONALMEDIA | REFERRENCE | TIME | REMARKS |
| SchemaActivation | *Climate setting**Introduction to the Topic introduction* | *Greetings**Brain storming**Introduction* | *Introduction to students**Lecturer asking questions* | *Introduction to lecturers**Answering and asking questions* | *White board**Marker pen**Projectors**Pen* | *Aaron A.R* *Tobian M.D**Serwadda, Quinn.Kigozi, Atingà* | *5 min* | *Done* |
| SchemaConstruction | *Definition**Etiology**Classification**Investigation**Treatment* | *Lectures tutorials**Class room discussion* | *Lecturing**Asking questions**Giving answers* | *Taking notes and listening**Answering and asking questions* | *White board**Marker pen**Projectors**Pen**Lecture notes* | *Burkitt, H. G., Quick, C. R., & Reed, J. B. (2014). Essential Surgery - Problems, Diagnosis and Management. London: Churchill Livingstone, ELSEVIER.* | *1 hr 40 min* | *Done* |
| Schemarefinement | *Evaluation of* *Students understanding**Provision of assignment* | *Lecture**Classroom discussion* | *Lecturing asking questions**Giving assignments* | *Answering questions**Asking questions* | *White board**Marker pen**Projectors**Pen**Lecture notes* | *Ebnezar, J. R. (2016). Textbook of Orthopedics. New Delhi: Ansari.* | *10 min* | *done* |

Subject lecturer:………………………………………………………………………………… Signature:…………………………………………… Date……………………..

Course coordination:…………………………………………………………………………. Signature:…………………………………………… Date……………………..

Head of department: ………………………………………………………………………… Signature:…………………………………………… Date…………………….

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**TEACHING AND LEARNING LESSON DESIGN PLAN**

 **CAMPUS:** Voi **TARGET**: Clinical Medicine CLASS: March 2020 **DATE:** **TIME**: ………………….

**SUBJECT:** SURGERY III **UNIT**:  **HEAD AND NECK CONDITION** **TOPIC:**  HEAD INJURIES

**UNIT OBJECTIVE:** By the end of this lesson the learner should be able to, identify and manage head, neck and nervous system conditions

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| INSTRUCTIONAL APPROACH | SPECIFICOBJECTIVES | TEACHING METHOD | TEACHER’SACTIVITY | LEARNER’SACTIVITY | INSTRUCTIONALMEDIA | REFERRENCE | TIME | REMARKS |
| SchemaActivation | *Climate setting**Introduction to the Topic introduction* | *Greetings**Brain storming**Introduction* | *Introduction to students**Lecturer asking questions* | *Introduction to lecturers**Answering and asking questions* | *White board**Marker pen**Projectors**Pen* | *Aaron A.R* *Tobian M.D**Serwadda, Quinn.Kigozi, Atingà* | *5 min* | *Done* |
| SchemaConstruction | *Glasgow coma scale**Investigation of brain injuries**management**Diagnosis brain death**Complication of head injury* | *Lectures tutorials**Class room discussion* | *Lecturing**Asking questions**Giving answers* | *Taking notes and listening**Answering and asking questions* | *White board**Marker pen**Projectors**Pen**Lecture notes* | *Burkitt, H. G., Quick, C. R., & Reed, J. B. (2014). Essential Surgery - Problems, Diagnosis and Management. London: Churchill Livingstone, ELSEVIER.* | *1 hr 40 min* | *Done* |
| Schemarefinement | *Evaluation of* *Students understanding**Provision of assignment* | *Lecture**Classroom discussion* | *Lecturing asking questions**Giving assignments* | *Answering questions**Asking questions* | *White board**Marker pen**Projectors**Pen**Lecture notes* | *Ebnezar, J. R. (2016). Textbook of Orthopedics. New Delhi: Ansari.* | *10 min* | *done* |

Subject lecturer:………………………………………………………………………………… Signature:…………………………………………… Date……………………..

Course coordination:…………………………………………………………………………. Signature:…………………………………………… Date……………………..

Head of department: ………………………………………………………………………… Signature:…………………………………………… Date…………………….

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**KMTC QUALITY MANAGEMENT SYSTEM**

**TEACHING AND LEARNING LESSON DESIGN PLAN**

 **CAMPUS:** Voi **TARGET**: Clinical Medicine CLASS: March 2020 **DATE:** **TIME**: ………………….

**SUBJECT:** SURGERY III **UNIT**:  **HEAD AND NECK CONDITION** **TOPIC:**  CLEFT LIP AND PALATE, RANULA

**UNIT OBJECTIVE:** By the end of this lesson the learner should be able to, identify and manage head, neck and nervous system conditions

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| INSTRUCTIONAL APPROACH | SPECIFICOBJECTIVES | TEACHING METHOD | TEACHER’SACTIVITY | LEARNER’SACTIVITY | INSTRUCTIONALMEDIA | REFERRENCE | TIME | REMARKS |
| SchemaActivation | *Climate setting**Introduction to the Topic introduction* | *Greetings**Brain storming**Introduction* | *Introduction to students**Lecturer asking questions* | *Introduction to lecturers**Answering and asking questions* | *White board**Marker pen**Projectors**Pen* | *Aaron A.R* *Tobian M.D**Serwadda, Quinn.Kigozi, Atingà* | *5 min* | *Done* |
| SchemaConstruction | *Introduction**etiology**Incidence and classification**Management**Principles of surgery* | *Lectures tutorials**Class room discussion* | *Lecturing**Asking questions**Giving answers* | *Taking notes and listening**Answering and asking questions* | *White board**Marker pen**Projectors**Pen**Lecture notes* | *Burkitt, H. G., Quick, C. R., & Reed, J. B. (2014). Essential Surgery - Problems, Diagnosis and Management. London: Churchill Livingstone, ELSEVIER.* | *1 hr 40 min* | *Done* |
| Schemarefinement | *Evaluation of* *Students understanding**Provision of assignment* | *Lecture**Classroom discussion* | *Lecturing asking questions**Giving assignments* | *Answering questions**Asking questions* | *White board**Marker pen**Projectors**Pen**Lecture notes* | *Ebnezar, J. R. (2016). Textbook of Orthopedics. New Delhi: Ansari.* | *10 min* | *done* |

Subject lecturer:………………………………………………………………………………… Signature:…………………………………………… Date……………………..

Course coordination:…………………………………………………………………………. Signature:…………………………………………… Date……………………..

Head of department: ………………………………………………………………………… Signature:…………………………………………… Date…………………….

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**TEACHING AND LEARNING LESSON DESIGN PLAN**

 **CAMPUS:** Voi **TARGET**: Clinical Medicine CLASS: March 2020 **DATE:** **TIME**: ………………….

**SUBJECT:** SURGERY III **UNIT**:  **NERVOUS SYSTEM CONDITIONS** **TOPIC:**  CONGENITAL ANOMALIES

**UNIT OBJECTIVE:** By the end of this lesson the learner should be able to, identify and manage nervous system conditions

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| INSTRUCTIONAL APPROACH | SPECIFICOBJECTIVES | TEACHING METHOD | TEACHER’SACTIVITY | LEARNER’SACTIVITY | INSTRUCTIONALMEDIA | REFERRENCE | TIME | REMARKS |
| SchemaActivation | *Climate setting**Introduction to the Topic introduction* | *Greetings**Brain storming**Introduction* | *Introduction to students**Lecturer asking questions* | *Introduction to lecturers**Answering and asking questions* | *White board**Marker pen**Projectors**Pen* | *Aaron A.R* *Tobian M.D**Serwadda, Quinn.Kigozi, Atingà* | *5 min* | *Done* |
| SchemaConstruction | *Introduction**Classification of congenital disorders**Chromosomal abnormalities**Neural tube defects**(spina bifida cystica, spina bifida occulta)* | *Lectures tutorials**Class room discussion* | *Lecturing**Asking questions**Giving answers* | *Taking notes and listening**Answering and asking questions* | *White board**Marker pen**Projectors**Pen**Lecture notes* | *Burkitt, H. G., Quick, C. R., & Reed, J. B. (2014). Essential Surgery - Problems, Diagnosis and Management. London: Churchill Livingstone, ELSEVIER.* | *1 hr 40 min* | *Done* |
| Schemarefinement | *Evaluation of* *Students understanding**Provision of assignment* | *Lecture**Classroom discussion* | *Lecturing asking questions**Giving small groups assignments* | *Answering questions**Asking questions* | *White board**Marker pen**Projectors**Pen**Lecture notes* | *Ebnezar, J. R. (2016). Textbook of Orthopedics. New Delhi: Ansari.* | *10 min* | *done* |

Subject lecturer:………………………………………………………………………………… Signature:…………………………………………… Date……………………..

Course coordination:…………………………………………………………………………. Signature:…………………………………………… Date……………………..

Head of department: ………………………………………………………………………… Signature:…………………………………………… Date…………………….

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**TEACHING AND LEARNING LESSON DESIGN PLAN**

 **CAMPUS:** Voi **TARGET**: Clinical Medicine CLASS: March 2020 **DATE:** **TIME**: ………………….

**SUBJECT:** SURGERY III **UNIT**:  **NERVOUS SYSTEM CONDITIONS** **TOPIC:**  CONGENITAL ANOMALIES

**UNIT OBJECTIVE:** By the end of this lesson the learner should be able to, identify and manage nervous system conditions

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| INSTRUCTIONAL APPROACH | SPECIFICOBJECTIVES | TEACHING METHOD | TEACHER’SACTIVITY | LEARNER’SACTIVITY | INSTRUCTIONALMEDIA | REFERRENCE | TIME | REMARKS |
| SchemaActivation | *Climate setting**Introduction to the Topic introduction* | *Greetings**Brain storming**Introduction* | *Introduction to students**Lecturer asking questions* | *Introduction to lecturers**Answering and asking questions* | *White board**Marker pen**Projectors**Pen* | *Aaron A.R* *Tobian M.D**Serwadda, Quinn.Kigozi, Atingà* | *5 min* | *Done* |
| SchemaConstruction | *Malformations od the cerebellum**(Arnold-chiari Malformations,)**Malformations of whole brain**(microcephaly,**megalencephaly,**hydrocephalus)* | *Lectures tutorials**Class room discussion* | *Lecturing**Asking questions**Giving answers* | *Taking notes and listening**Answering and asking questions* | *White board**Marker pen**Projectors**Pen**Lecture notes* | *Burkitt, H. G., Quick, C. R., & Reed, J. B. (2014). Essential Surgery - Problems, Diagnosis and Management. London: Churchill Livingstone, ELSEVIER.* | *1 hr 40 min* | *Done* |
| Schemarefinement | *Evaluation of* *Students understanding**Provision of assignment* | *Lecture**Classroom discussion* | *Lecturing asking questions**Giving small groups assignments* | *Answering questions**Asking questions* | *White board**Marker pen**Projectors**Pen**Lecture notes* | *Ebnezar, J. R. (2016). Textbook of Orthopedics. New Delhi: Ansari.* | *10 min* | *done* |

Subject lecturer:………………………………………………………………………………… Signature:…………………………………………… Date……………………..

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Head of department: ………………………………………………………………………… Signature:…………………………………………… Date…………………….

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 **CAMPUS:** Voi **TARGET**: Clinical Medicine CLASS: March 2020 **DATE:** **TIME**: ………………….

**SUBJECT:** SURGERY III **UNIT**:  **NERVOUS SYSTEM CONDITIONS** **TOPIC:**  CONGENITAL ANOMALIES-HYDROCEPHALUS

**UNIT OBJECTIVE:** By the end of this lesson the learner should be able to, identify and manage nervous system conditions

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| INSTRUCTIONAL APPROACH | SPECIFICOBJECTIVES | TEACHING METHOD | TEACHER’SACTIVITY | LEARNER’SACTIVITY | INSTRUCTIONALMEDIA | REFERRENCE | TIME | REMARKS |
| SchemaActivation | *Climate setting**Introduction to the Topic introduction* | *Greetings**Brain storming**Introduction* | *Introduction to students**Lecturer asking questions* | *Introduction to lecturers**Answering and asking questions* | *White board**Marker pen**Projectors**Pen* | *Aaron A.R* *Tobian M.D**Serwadda, Quinn.Kigozi, Atingà* | *5 min* | *Done* |
| SchemaConstruction | *Definition**Classification**Mechanism of hydrocephalus**Classification**Clinical features, diagnosis and complications* | *Lectures tutorials**Class room discussion* | *Lecturing**Asking questions**Giving answers* | *Taking notes and listening**Answering and asking questions* | *White board**Marker pen**Projectors**Pen**Lecture notes* | *Burkitt, H. G., Quick, C. R., & Reed, J. B. (2014). Essential Surgery - Problems, Diagnosis and Management. London: Churchill Livingstone, ELSEVIER.* | *1 hr 40 min* | *Done* |
| Schemarefinement | *Evaluation of* *Students understanding**Provision of assignment* | *Lecture**Classroom discussion* | *Lecturing asking questions**Giving small groups assignments* | *Answering questions**Asking questions* | *White board**Marker pen**Projectors**Pen**Lecture notes* | *Ebnezar, J. R. (2016). Textbook of Orthopedics. New Delhi: Ansari.* | *10 min* | *done* |

Subject lecturer:………………………………………………………………………………… Signature:…………………………………………… Date……………………..

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Head of department: ………………………………………………………………………… Signature:…………………………………………… Date…………………….

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 **CAMPUS:** Voi **TARGET**: Clinical Medicine CLASS: March 2020 **DATE:** **TIME**: ………………….

**SUBJECT:** SURGERY III **UNIT**:  **NERVOUS SYSTEM CONDITIONS** **TOPIC:**  HEAD INJURY

**UNIT OBJECTIVE:** By the end of this lesson the learner should be able to, identify and manage nervous system conditions

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| INSTRUCTIONAL APPROACH | SPECIFICOBJECTIVES | TEACHING METHOD | TEACHER’SACTIVITY | LEARNER’SACTIVITY | INSTRUCTIONALMEDIA | REFERRENCE | TIME | REMARKS |
| SchemaActivation | *Climate setting**Introduction to the Topic introduction* | *Greetings**Brain storming**Introduction* | *Introduction to students**Lecturer asking questions* | *Introduction to lecturers**Answering and asking questions* | *White board**Marker pen**Projectors**Pen* | *Aaron A.R* *Tobian M.D**Serwadda, Quinn.Kigozi, Atingà* | *5 min* | *Done* |
| SchemaConstruction | *Introduction**Causes**Mechanism**Classification based on open or closed**Types of injuries**Secondary damage* | *Lectures tutorials**Class room discussion* | *Lecturing**Asking questions**Giving answers* | *Taking notes and listening**Answering and asking questions* | *White board**Marker pen**Projectors**Pen**Lecture notes* | *Burkitt, H. G., Quick, C. R., & Reed, J. B. (2014). Essential Surgery - Problems, Diagnosis and Management. London: Churchill Livingstone, ELSEVIER.* | *1 hr 40 min* | *Done* |
| Schemarefinement | *Evaluation of* *Students understanding**Provision of assignment* | *Lecture**Classroom discussion* | *Lecturing asking questions**Giving small groups assignments* | *Answering questions**Asking questions* | *White board**Marker pen**Projectors**Pen**Lecture notes* | *Ebnezar, J. R. (2016). Textbook of Orthopedics. New Delhi: Ansari.* | *10 min* | *done* |

Subject lecturer:………………………………………………………………………………… Signature:…………………………………………… Date……………………..

Course coordination:…………………………………………………………………………. Signature:…………………………………………… Date……………………..

Head of department: ………………………………………………………………………… Signature:…………………………………………… Date…………………….

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 **CAMPUS:** Voi **TARGET**: Clinical Medicine CLASS: March 2020 **DATE:** **TIME**: ………………….

**SUBJECT:** SURGERY III **UNIT**:  **NERVOUS SYSTEM CONDITIONS** **TOPIC:**  HEAD INJURY

**UNIT OBJECTIVE:** By the end of this lesson the learner should be able to, identify and manage nervous system conditions

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| INSTRUCTIONAL APPROACH | SPECIFICOBJECTIVES | TEACHING METHOD | TEACHER’SACTIVITY | LEARNER’SACTIVITY | INSTRUCTIONALMEDIA | REFERRENCE | TIME | REMARKS |
| SchemaActivation | *Climate setting**Introduction to the Topic introduction* | *Greetings**Brain storming**Introduction* | *Introduction to students**Lecturer asking questions* | *Introduction to lecturers**Answering and asking questions* | *White board**Marker pen**Projectors**Pen* | *Aaron A.R* *Tobian M.D**Serwadda, Quinn.Kigozi, Atingà* | *5 min* | *Done* |
| SchemaConstruction | *Clinical aspects of head injuries**Pediatric Glasgow coma scales**investigations* | *Lectures tutorials**Class room discussion* | *Lecturing**Asking questions**Giving answers* | *Taking notes and listening**Answering and asking questions* | *White board**Marker pen**Projectors**Pen**Lecture notes* | *Burkitt, H. G., Quick, C. R., & Reed, J. B. (2014). Essential Surgery - Problems, Diagnosis and Management. London: Churchill Livingstone, ELSEVIER.* | *1 hr 40 min* | *Done* |
| Schemarefinement | *Evaluation of* *Students understanding**Provision of assignment* | *Lecture**Classroom discussion* | *Lecturing asking questions**Giving small groups assignments* | *Answering questions**Asking questions* | *White board**Marker pen**Projectors**Pen**Lecture notes* | *Ebnezar, J. R. (2016). Textbook of Orthopedics. New Delhi: Ansari.* | *10 min* | *done* |

Subject lecturer:………………………………………………………………………………… Signature:…………………………………………… Date……………………..

Course coordination:…………………………………………………………………………. Signature:…………………………………………… Date……………………..

Head of department: ………………………………………………………………………… Signature:…………………………………………… Date…………………….