

ORTHOPAEDICS
PAPER-IIITIME: 3 HOURS
MAX. MARKS: 100

ORTHO/J/20/27/III

IMPORTANT INSTRUCTIONS

- This question paper consists of 10 questions divided into Part "A" and part "B", each part containing 5 questions.
- Answers to questions of part A and part B are to be strictly attempted in separate answer sheet(s) and the main + supplementary answer sheet(s) used for each part must be tagged separately.
- Answers to question(s) of Part A attempted in answer sheet(s) of part B or Vice versa shall not be evaluated.
- Answer sheets of Part A and Part B are not to be tagged together.
- Part A and Part B should be mentioned only on the covering page of the respective answer sheets.
- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

Write short notes on:**PART A**

1. a) Effect of CKD on adult bone & its management. 5+5
b) Juvenile idiopathic osteoporosis.
2. a) Disseminated intravascular coagulation 5+5
b) ARDS.
3. a) Biomaterials and their role in THR. 5+5
b) Biocomposite materials.
4. a) Nerve supply of urinary bladder. 5+5
b) Pathophysiology and management of autonomous bladder.
5. a) What is pneumatic tourniquet? 3+7
b) Describe its uses, complications and safety guidelines.

P.T.O

ORTHOPAEDICS
PAPER-III

Please read carefully the important instructions mentioned on Page '1'

- Answers to questions of Part A and part B are to be strictly attempted in separate answer sheets and the main + supplementary answer sheets used for each part must be tagged separately.
- Answers to question(s) of Part A attempted in answer sheets of Part B or vice versa shall not be evaluated.

PART B

6. What is the effect of COVID-19 pandemic on orthopaedic Surgery? Describe the various precautions, which you will take in avoiding complications during surgery in such cases. 4+6
7. a) Describe the various types of abscesses seen in Pott's spine, and its significance on the disease outcome. 4+4+2
b) Discuss the migration of the abscesses to remote areas based on the anatomical tissue planes.
c) Briefly write about CBNAAT.
8. How do you classify polytraumatized patients? What is a borderline patient according to the classification and how do you manage such a case? 4+3+3
9. What is Complex Regional Pain Syndrome (CRPS)? Enumerate the clinical criteria to diagnose CRPS. Enumerate the principles of managing such cases. 3+4+3
10. a) What is the effect of intramedullary reaming on the lung? 2+4+4
b) Enumerate the important difference in reamed vs Non reamed nailing procedures.
c) What is Reamer Irrigator aspirator and its use?
