

ORTHOPAEDICS
PAPER-III

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

P.T.O

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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.
b) Discuss the migration of the abscesses to remote areas based on the anatomical tissue planes.
c) Briefly write about CBNAAT. | 4+4+2 |
| 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?
b) Enumerate the important difference in reamed vs Non reamed nailing procedures.
c) What is Reamer Irrigator aspirator and its use? | 2+4+4 |
