



Revised Reprint

Companion for **Ist** **MBBS**



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17th Edition



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SECTION 1: GENERAL ANATOMY

■ CHAPTER 1: INTRODUCTION

Short Answer

- | | | | |
|--|----|---|-----|
| 1. Four important criteria of anatomical position of the human body. | 10 | 6 | D01 |
|--|----|---|-----|

■ CHAPTER 2: SKELETON

Short Essays

- | | | | |
|--|--------|--------|--------------------|
| 1. Classify the bones and explain the components of the long bone. | 49, 64 | 66, 55 | J14 |
| 2. Classification of bones. | 49 | 66 | D16 |
| 3. Sesamoid bone. | 55 | 66 | D03 |
| 4. Epiphyses—definition, types and examples. | 64 | 56 | D09(RS2), J05, J08 |
| 5. Blood supply of a long bone. | 67 | 61 | D06, J11 |

Short Answers

- | | | | |
|--|----|----|------------------------------|
| 1. Classification of bones. | 49 | 66 | J99 |
| 2. Define pneumatic bones with example. Mention its functional significance. | 52 | 66 | J98 |
| 3. Sesamoid bone—features, examples. | 55 | 66 | J19(RS3), D00, J06, D09, J12 |
| 4. Name the types of lamellae in compact bone. | 59 | 65 | D02 |
| 5. Growing end of long bone. | 64 | 56 | D05(RS2) |
| 6. What are the types of epiphysis? Define each with example. | 64 | 56 | J98, J01, D04 |
| 7. Epiphysis. | 64 | 56 | J07(RS2), J14(RS3), D98 |
| 8. Metaphysis. | 65 | 60 | D98 |
| 9. Atavastic epiphysis. | 65 | 59 | J03 |
| 10. Traction epiphysis. | 65 | 58 | D03 |
| 11. Blood supply of long bone. | 67 | 61 | D07(RS2) |

Contd...

	BDCGA	VSDGA	
12. Laws of ossification.	71	69	J11(RS2), D99, J00, J04
13. Types of cartilages with examples.	75	57	J15
14. What are the features of fibro-cartilage?	76	57	D06(RS2)

■ CHAPTER 3: JOINTS

Short Essays

1. Classification of joints.	87	98	J08(RS2)
2. Classify joints. Discuss the components of the synovial joints.	87, 97	98, 105	D13
3. Classification of cartilaginous joints.	94	104	J98
4. Features of a typical synovial joint.	97	105	J05(RS2), J09

Short Answers

1. Bursa and its functions	—	107	J06(RS2), J00, D00
2. Classify fibrous joints and give examples for each.	91	101	J14
3. Fibrous joint (types).	91	100	D15(RS3), J99, J10
4. Sutural joints.	91	101	D08
5. Syndesmoses.	93	101	J07, J09
6. Cartilaginous joint.	94	103	D12(RS3), N20(RS3)
7. Synchondrosis (primary cartilaginous joint).	94	104	D07
8. Symphysis (secondary cartilaginous joint).	95	104	J08
9. Define symphysis and give any two examples.	95	104	D11
10. Structural features of typical synovial joint.	97	105	J07, D07
11. Classify synovial joint with examples of each type.	98	108	J13(RS3), J01, D04

Contd... —

Contd...

	BDCGA	VSDGA	
12. Name any two hinge joints.	98	110	J06
13. Mention two examples of pivot joints.	100	110	D05
14. Hilton's law.	112	—	J03

Multiple Choice Questions

- | | | | |
|--|----|-----|----------|
| 1. Which one of the following is not a synovial joint?
a. Pivot
b. Saddle
c. Ellipsoid
d. Syndesmosis | 97 | 110 | J21(RS4) |
|--|----|-----|----------|

CHAPTER 4: MUSCLES**Short Answers**

- | | | | |
|---|-----|----|----------|
| 1. What is the difference between a multipennate muscle and a strap muscle? | — | — | D05 |
| 2. Give the types of pinnate muscles with one example of each. | 135 | 91 | D10, D14 |
| 3. Bipennate muscle. | 135 | 91 | D07 |
| 4. Prime movers with examples. | 151 | 93 | J17(RS3) |

CHAPTER 5: CARDIOVASCULAR SYSTEM**Short Answers**

- | | | | |
|--|-----|-----|-------------------------------|
| 1. Collateral circulation. | — | 131 | J14(RS3),
D08 |
| 2. Name various types of capillaries and sites where they are present. | 172 | 129 | D10(RS2),
D07 |
| 3. Anastomoses—three types with suitable examples. | 174 | 131 | F21(RS4) |
| 4. End arteries—definition and examples. | 178 | 133 | D16(RS3),
D06, J08,
D15 |

CHAPTER 6: LYMPHATIC SYSTEM

None

Contd... —

Contd...

BDCGA VSDGA

CHAPTER 7: NERVOUS SYSTEM**Long Essay**

- | | | | |
|---|---|-----|-----|
| 1. Draw and label a typical spinal nerve. What is its distribution and applied anatomy? | — | 164 | J00 |
|---|---|-----|-----|

Short Answers

- | | | | |
|--|-----|-----|--------------------|
| 1. Define a spinal segment. | — | 164 | D99, D06, J08 |
| 2. Draw and label part of a multipolar neurons. | 213 | 155 | D05(RS2), D99, J04 |
| 3. Give any four differences between axon and dendrite. | 213 | — | J01, D02, D04 |
| 4. Classify neurons according to their structure with suitable examples. | 214 | 157 | J21(RS4), D03 |
| 5. Name any two types of synapses and two neurotransmitters. | 215 | 159 | D00 |
| 6. Mention the types of neuroglia giving examples. | 216 | 161 | J02, D06 |

CHAPTER 8: SKIN AND FASCIAE**Short Essay**

- | | | | |
|--------------------------|-----|----|----------|
| 1. Interosseus membrane. | 267 | 47 | J08(RS2) |
|--------------------------|-----|----|----------|

Short Answers

- | | | | |
|---|-----|----|----------|
| 1. Enumerate any three modifications of the deep fascia in the body with suitable examples from the upper limb. | 265 | 46 | J21(RS4) |
| 2. Name the appendages of skin. | 253 | 41 | D01, J06 |
| 3. Give any six functions of skin. | 259 | 35 | D11 |
| 4. Enumerate the functions of interosseous membrane. | 267 | 47 | D11 |

CHAPTER 9: CONNECTIVE TISSUE, LIGAMENTS AND RAPHE**Short Answers**

- | | | | |
|--|-----|----|----------|
| 1. Name the components of the connective tissue. | 273 | 27 | J13 |
| 2. Connective tissue fibers. | 274 | 29 | D18(RS3) |

Contd... —

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