



**PHYSIOTHERAPY TECHNICIAN
(THEORY)**

Time : 3 Hours

Marks : 100

Note: Attempt FIVE Questions in all. Question no. 1 is compulsory. All questions carry equal marks.

1. Fill in the blanks and state 'TRUE' OR 'FALSE'.
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|---------|---|-------------|
| (i) | The total number of bones in the human skeleton are | |
| (ii) | Largest bone of Human body is | |
| (iii) | Shoulder girdle consists of joints | |
| (iv) | Hip joint is type of joint | |
| (v) | There are Planes and axis in human anatomy. | |
| (vi) | Shoulder joint is also known as | |
| (vii) | Frequency used in short wave diathermy is MHz. | |
| (viii) | Compression of median nerve cause syndrome. | |
| (ix) | Ultrasonic therapy is contraindicated in the following condition | |
| (x) | Normal range of motion of knee flexion ... degree. | |
| (xi) | Knee joint is a synovial joint. | True/False. |
| (xii) | Pott's fracture related to upper limb. | True/False. |
| (xiii) | Median nerve compression leads to Bell's palsy. | True/False. |
| (xiv) | Dopamine secretion is affected in Parkinsonism. | True/False. |
| (xv) | L ₄ , L ₅ , S ₁ , S ₂ , S ₃ is the root value of radial nerve. | True/False. |
| (xvi) | Golfer's elbow is a condition of medial epicondyle | True/False. |
| (xvii) | Erb's paralysis is a lesion of fifth cervical root. | True/False. |
| (xviii) | Human heart consists three chambers | True/False. |
| (xix) | Isometric exercise is prescribed during fracture healing stage | True/False. |
| (xx) | Diaphragmatic breathing should be prescribed in asthma. | True/False. |
2. (a) What are the techniques of application of Infra Red Lamp?
 (b) Describe ultrasound therapy instrument.
3. (a) Describe the basic terminology about Skeleton.
 (b) Define & Classify the joints.
4. Define stroke. What are the causes of it with clinical features? Describe management with emphasis of rehabilitation. Mention the role of physiotherapy assistant in handling the case of stroke.
5. Describe the following conditions (attempt any TWO):
 (a) Tarsal tunnel syndrome
 (b) Trigger finger
 (c) Bell's palsy
6. Briefly describe the method of application of ultrasonic therapy. Write the indication and contraindication of ultrasonic therapy. What is Dose and duration of therapy?
7. (a) What is early management for prevention of complications in case of spinal cord injury?
 (b) What is General examination ^{regimen} of an obese patient?
 (~~Causes being intake of caloric diet and less activity~~)
~~Causes~~