

MAHARASHTRA STATE BOARD OF VOCATIONAL EDUCATION EXAMINATIONS, MUMBAI

Examination—April, 2016 (Two Year Diploma Courses)

GROUP-PARAMEDICAL

[TIME ALLOWED—3 Hours]

(MARKS—100)

ORTHOPEDICS, NEUROLOGY, MEDICAL AND SURGICAL CONDITION
(THEORY)

1. (a) Fill in the blanks (any five) :— Marks
05
- (i) Causative Agent of Tuberculosis is
- (ii) Syphilis is disease.
- (iii) Long form of TKR is
- (iv) Osteomalacia is due to deficiency of
- (v) Genuvarum is deformity.
- (vi) Kyphosis means
- (b) States true or false (any five) :— 05
- (i) Genuvalgum is type of knee deformity.
- (ii) ACL is a ligament of ankle joint.
- (iii) AIDS is a sexually transmitted disease.
- (iv) Asthama is a cardiac condition.
- (v) Tuberculosis is a infectious disease.
- (vi) Polio is disorder of CNS.
- (c) State or define in one sentence (any five) :— 05
- (i) AIDS (ii) CTEV
- (iii) Genuvarum (iv) Plaster Fascitis
- (v) Carpal Tunnel Syndrome (vi) Fracture.
- (d) Match the following :— 05
- | ‘A’ Group | ‘B’ Group |
|-----------------------------|--------------------------------|
| (i) OA | (a) Spinal Cord injury |
| (ii) Asthama | (b) Foot deformity |
| (iii) Gonorrhoea | (c) Respiratory Condition |
| (iv) Carpal Tunnel Syndrome | (d) Knee joint |
| (v) Flat Foot | (e) Sexual transmitted disease |
| (vi) Paralegia | (f) Wrist joint. |

2. Attempt the followings (any two) :— 16
- (a) Explain in details about Orthopedics appliances, Prostheses and Orthotics.
 - (b) Explain in brief about Plantar Fascitis and Calcaneal spur.
 - (c) Difference between Kyphosis and Lordosis.
 - (d) Difference between Sprain and Strain.
3. Attempt the following (any two) :— 16
- (a) Explain in details about Bronchitis and Emphysema.
 - (b) Write down physiological changes during Pregnancy.
 - (c) Explain Developmental Milestones.
 - (d) Cerebral palsy and PT Management.
4. Write in detail about the following (any two) :— 16
- (a) What is fracture and explain types of fracture diagram.
 - (b) Write down in brief about Hemiplegia Treatment.
 - (c) Explain disorder of peripheral Nerve.
 - (d) Explain physiotherapy management of congenital Heart disease.
5. Write short note on the following (any four) :— 16
- (a) Tennis elbow
 - (b) Colle's fracture
 - (c) Tuberculosis
 - (d) Types of incision
 - (e) Rickets
 - (f) Leprosy.
6. Attempt the following (any two) :— 16
- (a) Explain Physiotherapy Management of Total Knee replacement in details.
 - (b) Explain Physiotherapy Management of Hemiplegia.
 - (c) What is Amputation and types of Amputation in details.
 - (d) Explain in details about metabolic disorders.
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