



MV-10603

Seat No. _____

Fourth Year B. P. T. Examination

January - 2018

P.T. GMS

Time : 3 Hours]

[Total Marks : 100

- Instructions :**
- (1) Section should be written in separate main answer books.
 - (2) Draw diagrams where necessary.

SECTION – I

- 1 Long Essay : (Any two) 2×10=20**
 - (a) Aetiopathology, clinical features, medical management and physiotherapy management of arterial ulcer.
 - (b) Write in detail about musculoskeletal, neuromuscular, cardiovascular, endocrine and other systemic physiological changes during pregnancy.
 - (c) Aetiopathology, clinical features medical management and physiotherapy management of acne vulgaris and add note on test dosage procedure of UVR. (7+3=10)

- 2 Short Notes : (Any two) 2×5=10**
 - (a) Anatomy and function of pelvic floor.
 - (b) Major and minor complications of pregnancy.
 - (c) Types of disasters or natural hazards.

- 3 Short answers : (Any Five) 5×2=10**
 - (a) Define syphilis and gonorrhoea.
 - (b) Define ileostomy.
 - (c) Types of skin graft.
 - (d) Rule of nine in bum.
 - (e) Difference between arterial ulcer and venous ulcer.
 - (f) Contraindications of antenatal exercises.

4 Multiple Choice Questions : 1×10=10

- (1) Frequency of micturition increases from _____.
(a) First trimester (b) Second trimester
(c) Third trimester (d) Above all
- (2) Any tissue used for reconstruction or wound is defined as _____.
(a) Pedicle (b) Graft
(c) Skin flap (d) Rotational flap
- (3) Donor site of skin graft are _____.
(a) Postauricular area, upper eyelid, groin area
(b) Lumbar and calf area
(c) Cervical and back area
(d) above all
- (4) Full thickness burn is classified as _____.
(a) Second degree (b) Third degree
(c) First degree (d) None
- (5) Excision, of a portion of the esophagus and its replacement by a segment of the colon is defined as _____.
(a) Esophago-coloplasty (b) Coloplasty
(c) Colonectomy (d) Esophago-endoscopy
- (6) Kocher's incision is used in _____.
(a) Nephrectomy (b) Thyroidectomy
(c) Gastrostomy (d) Cholecystectomy
- (7) Abbreviation of NDMA is _____.
(a) National disaster authority
(b) National disaster management
(c) National disaster management authority
(d) Above all
- (8) The individual improves in the exercise task used for training and may not improve in other task. This principle is known as _____.
(a) Overload principle (b) Specificity principle
(c) Recovery principle (d) Progression principle
- (9) Sports fitness testing except _____.
(a) Aerobic testing
(b) Anaerobic testing
(c) Anthropometric measurement
(d) manual muscle testing
- (10) Types of sinusitis except _____.
(a) Ethmoid (b) Maxillary
(c) Sphenoid (d) Mandibular

SECTION – II

- 5 Long Essay : (Any Two) 2×10=20**
- (a) Postoperative physiotherapy assessment and management of Gastrostomy.
 - (b) Types of hysterectomy. Write in detail about Postoperative physiotherapy management of abdominal hysterectomy.
 - (c) Draw the diagram of the various abdominal incisions. And add note on each types of incisions with indications. (3+7=10)
- 6 Short Notes : (Any two) 2×5=10**
- (a) Types of mastectomy post-operative physiotherapy management of radical mastectomy.
 - (b) Clinical features, investigations, complications and preventive measures of AIDS.
 - (c) Physiotherapy role in psychiatric disorders.
- 7 Short answers : (Any Five) 5×2=10**
- (a) Define pharyngo-laryngectomy.
 - (b) Define prostatectomy.
 - (c) Any four Indications for pelvic floor repair.
 - (d) Any four Indications for partial colectomy.
 - (e) Complications of oesophagectomy.
 - (f) Types of labour.
- 8 Multiple Choice Questions : (Answer to All) 1×10=10**
- (1) Mcburny's incision is used in
 - (a) Cholecystectomy
 - (b) Appendectomy
 - (c) Colostomy
 - (d) Above all
 - (2) Kegal exercise are indicated in
 - (a) Hip muscle strengthening
 - (b) Abdominal muscle strengthening
 - (c) Pelvic floor muscle strengthening
 - (d) Above all

- (3) Umbilical hernia is common in
(a) Childrens (b) Adult
(c) Elderly (d) Above all
- (4) Vertical abdominal incisions used for
(a) ENT surgery (b) Gynecological surgery
(c) Abdominal surgery (d) Above all
- (5) Adenoidectomy is the surgical removal of
(a) Thyroid (b) Parathyroid
(c) Adenoid (d) Above all
- (6) The wave length of UVR-B
(a) 400nm-315nm (b) 315nm- 280nm
(c) 280nm-200nm (d) 200nm-100nm
- (7) Dementia is defined as
(a) Decline in mental ability
(b) Increased in mental ability
(c) Normal memory
(d) Above all
- (8) Unit of laser power densityis
(a) Kg/cm² (b) Jule/cm²
(c) Watt/cm² (d) G/cm²
- (9) Skeletal changes in pregnancy
(a) Decrease in lumbar lordosis
(b) Increase lumbar lordosis in
(c) Normal lumbar lordosis
(d) Above all
- (10) Increased inbody weight changes during which trimester in pregnancy
(a) First (b) Second
(c) Third (d) Above all