



PBA-10603

Seat No. _____

Final Year B. P. T. Examination
September - 2020
Physiotherapy in Medical and Surgical
Conditions

Time : 3 Hours]

[Total Marks : 100

- Instructions :** (1) Write legibly.
(2) Draw diagrams where necessary.
(3) Figures to the right indicate marks.

SECTION- I

- 1 Answer any two from the following : **(10+10)=20**
(1) Write in detail the physiotherapy assessment and management following cholecystectomy.
(2) What is burn? Write about classification of burns. Explain the assessment and management of third degree burns in bilateral whole upper limb and face and neck region.
(3) Define fitness. Discuss various fitness test for measuring aerobic activity.
- 2 Answer any two from the following : **(5+5)=10**
(1) Common incisions used for abdominal surgeries.
(2) Physiological changes during pregnancy.
(3) Otitis media.
- 3 Answer any five from the following : **(2+2+2+2+2)=10**
(1) Types of Anaesthesia.
(2) Advantages of laparoscopic surgery.
(3) Puva therapy.
(4) Ectopic pregnancy.
(5) Common indications for major surgeries.
(6) APGAR score.

4 Multiple Choice Questions : (1 mark each)

10

- (1) Stress incontinence is characterized by
 - (a) Overflow of urine
 - (b) Involuntary loss of urine
 - (c) Continuous flow of urine
 - (d) Urgency
- (2) Physiotherapy modality suitable for Pelvic Inflammatory Disease
 - (a) Ultrasound
 - (b) S.W.D
 - (c) I.F.T
 - (d) LASER
- (3) Foetal movement can be felt at around _____.
 - (a) 12 weeks
 - (b) 16 weeks
 - (c) 18 weeks
 - (d) 20 weeks
- (4) During pregnancy oestrogen level is increased 30 times, which _____.
 - (a) Relaxes various pelvic ligaments to accommodate the gravid uterus.
 - (b) Vasodilatation.
 - (c) Affect metabolism
 - (d) None of above
- (5) It takes about _____ for the graft to establish its own blood flow.
 - (a) 3 to 4 days
 - (b) 7 to 10 days
 - (c) 3 weeks
 - (d) 6 weeks
- (6) Scheme from uniovular twins having common placenta is also accepted which is called
 - (a) Autograft
 - (b) Isograft
 - (c) Homograft
 - (d) heterograft
- (7) Physiotherapy for hypertrophic scar is _____.
 - (a) US
 - (b) PWB
 - (c) DTFM
 - (d) Pressure garments
- (8) Patient in a burn unit has anterior neck burn. This patient has already received treatment to emphasise decreasing chances of flexion and healing in the area. So which position is advisable to the patient to minimise contracture.
 - (a) Flexion
 - (b) Rotation
 - (c) Extension
 - (d) Hyperextension
- (9) Pregnant patient is advised to avoid Valsalva manoeuvre during pregnancy. What effect listed below the Valsalva manoeuvre have
 - (a) increased intrathoracic pressure
 - (b) decreased intrathoracic pressure
 - (c) pressure remains the same
 - (d) increase in inspiration needs

- (10) Stretching of the transferred tendon can be performed after
- 3 weeks
 - 6 weeks
 - Once the strength of transferred muscle become Grade 4
 - After 6 weeks provided the power is grade 3.

SECTION - II

- 1 Answer any two from the following : **(10+ 10)=20**
- Describe the role of physiotherapy in Geriatric management.
 - What is Mastectomy? Types of Mastectomy. Write assessment and management of 50 years old female with radical mastectomy on left side before one month.
 - Write in detail about Post Natal Physiotherapy.
- 2 Answer any two from the following : **(5+5)=10**
- Physiotherapy treatment for LMN Facial weakness.
 - Physiotherapy intervention in Diabetic leg ulcers.
 - Ergonomic advices in computer workers.
- 3 Answer any five from the following : **(2+2+2+2+2)=10**
- Types of skin grafts.
 - Inguinal hernia
 - Sites of pressure sore.
 - Diastasis recti
 - Burgers exercise.
 - Pre operative physiotherapy treatment.
- 4 Multiple Choice Questions : (1 mark each) **10**
- One must avoid lying _____ during late pregnancy.
 - Supine
 - side lying on left
 - side lying on right
 - None
 - Pelvic Inflammatory Disease is the inflammation of
 - Uterus
 - Cervix
 - Ovary
 - fallopian tube
 - Complication of Salpingitis is
 - sterility
 - intestinal obstruction
 - peritonitis
 - All

- (4) Laxity and weakness of pelvic floor muscle arise due to
- Stretching and tearing of pelvic muscles during delivery
 - Partial denervation of pudendal and pelvic nerves
 - Old age
 - All
- (5) Normal birth weight of child is
- 2800 gams
 - 3000 gams
 - 3200 gams
 - 3400 gams
- (6) Which are the muscles required to be stretched in pregnancy ?
- Upper neck extensors, scapular protractors, lower back extensors, hamstrings and TA.
 - Neck flexors, scapular retractors, abdominals, quadriceps and TA
 - Neck extensors, scapular protractors, back extensors, hamstrings and TA
 - Neck flexors, scapular protractors, abdominals, quadriceps and dorsi-flexor.
- (7) Surface area of burns is calculated by rule of nine. How much surface palm of the hands include ?
- 1
 - 5
 - 7
 - 9
- (8) The sign of DVT
- Oedema ankle and foot
 - pain and tenderness medial aspect of lower calf
 - positive Homan's sign
 - All of above
- (9) After abdominal surgery abnormal lung function persists unto
- 1 week
 - 3 to 4 weeks
 - 2 weeks
 - 4 weeks
- (10) Heterotrophic bone formation occurs in deep and large burn which is characterized by pain and gradual restriction of range of motion. The management of which is
- Rest
 - Exercise
 - Ultrasound
 - Surgical incision