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OPSC Asst. Prof.

Previous Year Paper

(Plastic & Constructive Surgery)

11 Sept, 2022



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Test Booklet Series

T. B. C. : AP(SS) – 8-21/22

A

TEST BOOKLET

ASSISTANT PROFESSOR (SUPER SPECIALITY) - 1265

(PLASTIC & CONSTRUCTIVE SURGERY)

Sl. No.

Time Allowed : 3 Hours

Maximum Marks : 200

: INSTRUCTIONS TO CANDIDATES :

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET DOES NOT HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET OF THE SAME SERIES ISSUED TO YOU.
2. ENCODE CLEARLY THE TEST BOOKLET SERIES A, B, C OR D, AS THE CASE MAY BE, IN THE APPROPRIATE PLACE IN THE ANSWER SHEET USING BALL POINT PEN (BLUE OR BLACK).
3. You have to enter your Roll No. on the Test Booklet in the Box provided alongside. DO NOT write anything else on the Test Booklet.
4. YOU ARE REQUIRED TO FILL UP & DARKEN ROLL NO., TEST BOOKLET / QUESTION BOOKLET SERIES IN THE ANSWER SHEET AS WELL AS FILL UP TEST BOOKLET / QUESTION BOOKLET SERIES AND SERIAL NO. AND ANSWER SHEET SERIAL NO. IN THE ATTENDANCE SHEET CAREFULLY. WRONGLY FILLED UP ANSWER SHEETS ARE LIABLE FOR REJECTION AT THE RISK OF THE CANDIDATE.
5. This Test Booklet contains 200 items (questions). Each item (question) comprises four responses (answers). You have to select the correct response (answer) which you want to mark (darken) on the Answer Sheet. In case, you feel that there is more than one correct response (answer), you should mark (darken) the response (answer) which you consider the best. In any case, choose ONLY ONE response (answer) for each item (question).
6. You have to mark (darken) all your responses (answers) ONLY on the separate Answer Sheet provided, by using BALL POINT PEN (BLUE OR BLACK). See instructions in the Answer Sheet.
7. All items (questions) carry equal marks. All items (questions) are compulsory. Your total marks will depend only on the number of correct responses (answers) marked by you in the Answer Sheet. For each wrong answer, 0.25 marks shall be deducted from the marks awarded for correct answers.
8. Before you proceed to mark (darken) in the Answer Sheet the responses (answers) to various items (questions) in the Test Booklet, you have to fill in some particulars in the Answer Sheet as per the instructions sent to you with your Admission Certificate.
9. After you have completed filling in all your responses (answers) on the Answer Sheet and after conclusion of the examination, you should hand over to the Invigilator the Answer Sheet issued to you. You are allowed to take with you the candidate's copy / second page of the Answer Sheet along with the Test Booklet, after completion of the examination, for your reference.
10. Sheets for rough work are appended in the Test Booklet at the end.

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CY – 8A/25

(Turn over)

SEAL

1. The posterior primary ramus of spinal nerve supply:
 - (A) Anterior muscles of neck
 - (B) Muscles of upper limb
 - (C) Muscles of anterior chest
 - (D) Muscles of posterior neck and trunk
2. Role of Oxandrolone in burn patients :
 - (A) Improves the efficiency of protein synthesis
 - (B) Reduce insulin resistance
 - (C) Control blood pressure by peripheral vasodilation
 - (D) Reduce inflammation
3. Following statements are true regarding fascicular nerve repair, except :
 - (A) Facilitates better nerve regeneration
 - (B) Requires more profound dissection
 - (C) Individual fascicles are hard to identify at the distal end
 - (D) All of these
4. The statement "For those who have nothing, a little is a lot" was told by :
 - (A) Archibald McIndoe
 - (B) Sir Harold Gillies
 - (C) Ian McGregor
 - (D) Sterling Bunnell
5. Modified Singapore flap is nourished by :
 - (A) Posterior labial arteries
 - (B) Anterior labial arteries
 - (C) Superficial external pudendal artery
 - (D) None of these
6. Sheet grafts are used for dorsal hand burns because :
 - (A) The meshed graft give poor appearance
 - (B) The meshed graft gives unacceptable contracture
 - (C) Meshed graft have better graft take
 - (D) Meshed grafts lets out the serum beneath the graft
7. Cryptotia is a congenital condition where :
 - (A) Complete ear is absent
 - (B) Rudimentary ear present
 - (C) Upper pole of ear cartilage is buried
 - (D) None of these

8. A significant cause of endotoxic multi organ failure in burns is :
- (A) Failure of resuscitation
(B) Gut barrier failure
(C) Acute renal injury
(D) Inhalational injury
9. The height of upper lid tarsal plate is :
- (A) 4 mm
(B) 10 – 12 mm
(C) 1 – 2 mm
(D) 10 – 16 mm
10. Current recommendation for blood transfusion in burns is :
- (A) 1 : 1 for red cells to plasma
(B) 1 : 4 for red cells to plasma
(C) 1 : 2 for platelets to plasma
(D) 1 : 10 for red cells to platelets
11. The commonest source of nerve graft is :
- (A) Saphenous nerve
(B) Lateral femoral cutaneous nerve
(C) Sural nerve
(D) Sensory branch of radial nerve
12. Which ingredient is present in HTK solution ?
- (A) Histidine
(B) Tyrosine
(C) Ketamine
(D) None of these
13. Metoidioplasty was described by :
- (A) McIndoe
(B) Hage
(C) Ratliff
(D) McCraw
14. Single most important predictor of burn mortality is :
- (A) Total Burn Surface Area
(B) Inhalational injury
(C) Cause of burn injury
(D) Depth of burn injury
15. Chromophores in the skin include :
- (A) Oxy haemoglobin
(B) Deoxy haemoglobin
(C) Melanin
(D) All of these
16. Musculus Uvulae originates from :
- (A) Posterior nasal spine
(B) Posterior margin of hard palate
(C) Palatine bone
(D) Palatal aponeurosis

17. In a Snap back test on normal lower eye lid, the lid should spring back in :
- 2 – 3 seconds
 - 4 – 5 seconds
 - > 5 seconds
 - Immediately
18. Brachial plexus is formed by :
- C5 – T1 anterior primary ramus
 - C5 – T1 posterior primary ramus
 - C5 – T1 anterior and posterior primary ramus
 - C5 – C8 anterior primary ramus
19. The pregnant female with burns, the following is suggested :
- Daily weight monitoring
 - Weekly lower limb Doppler
 - Triple the dosage of multi-vitamins
 - All of these
20. Arachidonic acid is metabolised by :
- Cyclo oxygenase pathway
 - Lipo oxygenase pathway
 - Both (A) and (B)
 - None of these
21. Gaiter area is the area :
- Groin and knee
 - Below knee and above malleolus
 - Below malleolus and proximal to toes
 - None of these
22. Ephelides (Freckles) show the following features, except :
- Increased melanin in epidermis
 - Do not have increased melanocytes
 - Absence of melanocytes
 - All of these
23. Following are the closure pattern of velopharyngeal sphincter, except :
- Coronal
 - Elliptical
 - Sagittal
 - Bow tie
24. Marcus Gunn phenomenon is due to aberrant connections between Cranial nerves :
- 5 and 3
 - 5 and 4
 - 5 and 6
 - 5 and 7

25. Martin-Gruber anastomosis is the anomalous connection between :
- (A) Ulnar and radial nerve in arm
 - (B) Ulnar and anterior interosseus nerve in fore arm
 - (C) Ulnar and radial nerve in fore arm
 - (D) Any of these
26. Priorities in upper brachial plexus injuries include all, except :
- (A) Restoration of shoulder external rotation
 - (B) Elbow flexion
 - (C) Shoulder abduction
 - (D) Wrist flexion
27. Rosen Score is used for interpretation of patient's functional outcome following :
- (A) Scar revision
 - (B) Nerve repair
 - (C) Tendon repair
 - (D) Muscle transfer
28. Normal intracellular partial pressure of oxygen is :
- (A) 0.5 mm of Hg
 - (B) 1 mm of Hg
 - (C) 10 mm of Hg
 - (D) 32 mm of Hg
29. Angiosome concept was proposed by :
- (A) Manchot and Salmon
 - (B) Taylor and Palmer
 - (C) Yannas and Burke
 - (D) Mathes and Nahai
30. Which of the following is correct regarding Furlow's palatoplasty ?
- (A) It is for repair of hard palate.
 - (B) It is for repair of soft palate.
 - (C) It is for repair of hard and soft palate.
 - (D) It is for repair of junctional fistula.
31. Pharyngeal flap for Velopharyngeal dysfunction was first described by :
- (A) Shoenborn
 - (B) McWilliam
 - (C) Von Langenbeck
 - (D) Rakoff
32. Kuhnt-Szymanowski procedure is done for correction of :
- (A) Ptosis of upper eye lid
 - (B) Laxity of lower eye lid
 - (C) Entropion of eye lid
 - (D) Correction of epiphora

33. Node of Ranvier is :
- The border between individual and enwrapping Schwann cells
 - The border between two neurons
 - The junction between two nerves
 - The junction between muscle and nerve
34. Common indications for free functional muscle transfer include :
- Direct trauma with muscle loss
 - Brachialplexus injuries
 - Volkman's ischemic contracture
 - All of these
35. Signs and symptoms in 'SIRS' include all, except :
- Tachycardia
 - Tachypnoea
 - Leucocytosis
 - Lysis of RBC
36. Side effects of Ketamine include :
- Induce agitation
 - Hypertension
 - Both (A) and (B)
 - None of these
37. Syndrome of PHACES include all, except :
- Palatal cleft
 - Hemangiomas
 - Arterial anomalies
 - Cardiac and eye anomalies
38. Features of submucous cleft palate include :
- Zona pallucida
 - Notched hard palate
 - Bifid uvula
 - All of these
39. The Paramedian forehead flap is based on which artery ?
- Supratrochlear
 - Supra orbital
 - Supratrocheal and supra orbital
 - None of these
40. As per Mackinnon's classification, there are :
- 3 types of nerve injuries
 - 4 types of nerve injuries
 - 5 types of nerve injuries
 - 6 types of nerve injuries

41. Hoffmann-Tinel's sign is used to assess :
- (A) The location of neuroma
 - (B) To assess the site of nerve injury
 - (C) To diagnose Horner's syndrome
 - (D) To diagnose nerve root avulsion
42. Pioneer in early burn wound excision is :
- (A) William Monafa
 - (B) Janzekovic
 - (C) Jackson
 - (D) John Burke
43. Which of the following are examples of uniform light sources ?
- (A) Ambient operating room fluorescent light
 - (B) Studio flood lights
 - (C) Surgical LED lights
 - (D) All of these
44. Bannayan-Zonana syndrome is characterised by :
- (A) Arteriovenous malformations
 - (B) Microcephaly
 - (C) Lipomas
 - (D) All of these
45. Which of the following is included in the triad of Pierre-Robin sequence ?
- (A) Cleft palate
 - (B) Cleft lip
 - (C) Upper airway obstruction
 - (D) Alveolar notching
46. After exiting from parotid gland, facial nerve runs through :
- (A) Subcutaneous plane
 - (B) Deep to the fatty layer
 - (C) Deep to the SMAS
 - (D) None of these
47. Loss of sympathetic function in the skin will result in the following, except :
- (A) Loss of sweating
 - (B) Looks red
 - (C) Looks dry
 - (D) Looks swollen

48. End to side neurorrhaphy is done by connecting :
- Proximal end of paralysed nerve to side of intact nerve
 - Distal end of paralysed nerve to side of intact nerve
 - Distal end of intact nerve to side of paralysed nerve
 - Proximal end of intact nerve to side of paralysed nerve
49. Recipient pedicle for abdominal wall allotransplantation is :
- Superior epigastric artery
 - Intercostal artery
 - Inferior epigastric artery
 - Internal iliac artery
50. Prevalence of Body dysmorphic disorder in general population is :
- 19%
 - 1.9%
 - 6%
 - 33%
51. Syndactyly is not a component in which of the following syndromes ?
- Apert syndrome
 - Saethre-Chotzen syndrome
 - Crouzon syndrome
 - Pfeiffer syndrome
52. Primary surgical indication in orbital floor and medial wall fracture is :
- Chemosis
 - Epiphora
 - Diploopia
 - Blood in maxillary sinus
53. Cervical branch of facial nerve supplies :
- Platysma
 - Orbicularis oris
 - Mentalis
 - Depressor labii inferioris
54. In case of closed brachial plexus injury, treatment plan is :
- Conservative for 4-6 weeks
 - Conservative treatment for 3 years
 - Immediate exploration
 - None of these
55. Chuangs angle is formed by :
- Basilic vein and clavicle
 - Axillary vein and Humerus
 - Main branch of Cephalic vein and Clavicle
 - Subclavian vein and clavicle

56. Gonadal sex begins at :
- (A) 4th week of gestation
 - (B) 6th week of gestation
 - (C) 7th week of gestation
 - (D) 8th week of gestation
57. The universal protocol of proper "time out" is performed to make sure that surgery is done on :
- (A) Correct patient
 - (B) Correct site
 - (C) Correct side
 - (D) All of these
58. In Tessier classification, clefts zero to seven represents :
- (A) Cranial clefts
 - (B) Facial clefts
 - (C) Cranial and facial clefts
 - (D) All clefts including mandibular clefts
59. Most commonly fractured facial bone is :
- (A) Nasal bone
 - (B) Zygoma
 - (C) Mandible
 - (D) Maxilla
60. Recipient nerve for free functional muscle transfer in facial palsy is :
- (A) Contralateral facial nerve
 - (B) Nerve to masseter
 - (C) Both (A) and (B)
 - (D) None of these
61. In suspected Brachial plexus injury :
- (A) Open wounds should always be explored early
 - (B) Delay in nerve repair or reconstruction causes impaired functional outcome
 - (C) If the nerve is in continuity, it should be treated as closed injury
 - (D) All of these
62. All are risk factors for obstetric brachial plexus injury except :
- (A) Premature babies
 - (B) Over-weight babies
 - (C) Underweight babies
 - (D) Breech delivery
63. Extrophy of bladder occurs in _____ live births.
- (A) 1 in 30,000
 - (B) 1 in 50,000
 - (C) 1 in 80,000
 - (D) 1 in 1,00,000

64. Seborrheic dermatitis is characterised by :

- (A) Demarcated patches or flakes
- (B) Affects areas with high sebaceous glands
- (C) It may appear in infancy
- (D) All of these

65. Which is the lateral most Tessier cleft ?

- (A) Number 7
- (B) Number 8
- (C) Number 6
- (D) Number 5

66. Papillary cystadenoma lymphomatosum is also known as :

- (A) Mixed parotid tumour
- (B) Warthin's tumour
- (C) Parotid adenoma
- (D) Pleomorphic adenoma

67. Free fibula flap was first described by:

- (A) Cordeiro P. G.
- (B) Schardt C.
- (C) Hidalgo
- (D) Foster

68. Normal excursion of median nerve at the wrist is around :

- (A) 1.5 cm
- (B) 0.5 cm
- (C) 5 cm
- (D) 3 cm

69. Which of the following can be used to assess the timing of surgery in obstetric brachial plexus injury ?

- (A) Wallace's rule of 9
- (B) Gilbert's rule of 3
- (C) Rule of 10
- (D) All of these

70. Metoidioplasty is used to reconstruct :

- (A) Clitoris
- (B) Scrotum
- (C) Testis
- (D) Phallus

71. In frost bite injuries full tissue demarcation occurs in :

- (A) 3 weeks to 3 months
- (B) 1 week to 12 weeks
- (C) 1 day to 3 days
- (D) 1 hour to 3 hours

72. Classification of Hypertelorism is based on :
- (A) Intercanthal distance
 - (B) Interpupillary distance
 - (C) Interdacryon distance
 - (D) Interocular distance
73. Which of the following is the maxillectomy classification system ?
- (A) Hanasono
 - (B) Cordeiro
 - (C) Brown
 - (D) All of these
74. The wetting solution in liposuction aids with :
- (A) Anaesthesia
 - (B) Hemostasis
 - (C) Emulsification of adipocytes
 - (D) All of these
75. Self inflating tissue expander was devised by :
- (A) Dr. Austad
 - (B) Radovan
 - (C) Neumann
 - (D) Manders
76. You are selecting the internal angles for a Z-plasty procedure. What angle should provide a theoretical 50% increase in central limb length ?
- (A) Ten degrees
 - (B) Forty-five degrees
 - (C) Thirty degrees
 - (D) Sixty degrees
77. Which one of the following is correct regarding Z-plasty procedures ?
- (A) A seventy-five degree Z-plasty provides the best compromise for central limb lengthening.
 - (B) Multiple Z-plasties in series are more effective for increasing skin length than a single, large Z-plasty.
 - (C) The double-opposing semi-circular flap modification can effectively close circular defects.
 - (D) Actual gain in central limb length is very close to the theoretical predicted values.

78. A 60° Z-plasty has a theoretical gain in length of approximately :
- (A) 25%
- (B) 50%
- (C) 75%
- (D) 100%
79. A Z-plasty is an example of :
- (A) An advancement flap
- (B) A delayed flap
- (C) An island pedicle flap
- (D) A transposition flap
80. For each 15° increase in angle increase in length is :
- (A) 25%
- (B) 50%
- (C) 75%
- (D) 100%
81. Z-plasty is a technique widely used to :
- (A) To lengthen or reorient a scar by transposing two triangular flaps
- (B) To reduce scar length
- (C) None of these
- (D) All of these
82. Protein requirement in paediatric age group post burn is :
- (A) 1g/kg/day
- (B) 0.8 g/kg/day
- (C) 2 g/kg/day
- (D) Depends only on depth of burns
83. In 'Z' plasty, 125% increase is obtained in :
- (A) 30°
- (B) 60°
- (C) 90°
- (D) 75°
84. Z-plasty increases the length of :
- (A) Central limb
- (B) Lateral limb
- (C) Both (A) and (B)
- (D) All of these
85. A child presents with vestige lobule with conchal bowl, acoustic meatus, and tragus. Based on current classification of microtia, what type of microtia does the child have ?
- (A) Anotia type
- (B) Small concha type
- (C) Lobule type
- (D) Concha type

86. Which of the following statement is correct regarding the normal size, dimension, and size of the auricle ?
- (A) The long axis tilt is consistently within 1° to 5° in most individuals.
- (B) Ear height varies between 5.5 and 6.6 cm in adults.
- (C) The auricle is located approximately one ear width posterior to the lateral orbital rim.
- (D) Maximum projection from the mastoid to the helix occurs superiorly.
87. The lobule of the auricle arises from the :
- (A) First branchial arch
- (B) First branchial cleft
- (C) Second branchial arch
- (D) Second branchial cleft
88. Acute inflammatory phase results in :
- (A) Hypocalcaemia
- (B) Hypercalcemia
- (C) Increased PTH release
- (D) Bone formation
89. Which one of the following statement is corect regarding complications from autogenous microtia reconstruction ?
- (A) The risk of chest wall deformities can be reduced by harvesting rib cartilage without perichondrium.
- (B) The procedure carries a relatively high risk of post-operative infection.
- (C) Hematoma formation is rare and is usually self-limiting.
- (D) The constructed auricle will remain a static sized as the child continues to grow.
90. The cartilaginous frame work is the foundation of auricular reconstruction. Which one of the following techniques uses the maximum amount of rib cartilage in framework design ?
- (A) Tanzer
- (B) Brent
- (C) Nagata
- (D) Spina

91. Cauliflower ear is common in which one of the following ?
- (A) Mountain climbers
 - (B) Newborn children
 - (C) Pugilists
 - (D) Postburn chondritis
92. Microtia is associated with all, except :
- (A) Deformity of the middle ear
 - (B) Deformity of the cochlea
 - (C) Psychological distress
 - (D) Mandibular hypoplasia
93. Which of the following is true regarding nerve supply to the ear ?
- (A) The lesser occipital nerve supplies sensation to the lower half of the ear.
 - (B) The greater auricular nerve supplies sensation to the whole ear.
 - (C) The auriculotemporal nerve supplies sensation to the inner and outer aspects of the superior half of the ear.
 - (D) The Arnold's nerve is an auricular branch of the vagus nerve.
94. Which of the following is a Xenograft ?
- (A) Auto graft
 - (B) Cadaveric graft
 - (C) Porcine skin graft
 - (D) Amniotic membrane
95. Which of the following is not a nerve conduit ?
- (A) Autologous vein
 - (B) Silicone tube
 - (C) Freez fractured autologous muscle
 - (D) None of these
96. Who developed the very thin skin graft ?
- (A) Lawson
 - (B) Reverdin
 - (C) Thiersch
 - (D) J. M. Warren
97. Tangential excision was originally described by :
- (A) Wallace
 - (B) David Humby
 - (C) Janzekovic
 - (D) Murray

98. Who introduced 'pinch grafts' ?
- (A) Lawson
 - (B) Billroth
 - (C) Reverdin
 - (D) Pollock
99. Partial face transplantation was carried out first in :
- (A) 2001
 - (B) 2005
 - (C) 2008
 - (D) 2010
100. Prolonged use of the following agents can cause gynaecomastia :
- (A) Marijuana
 - (B) Opiates
 - (C) Ranitidine
 - (D) All of these
101. The term "Angiosome" is derived from which one of the following literature ?
- (A) Greek
 - (B) French
 - (C) English
 - (D) Latin
102. Choose the correct statement regarding musculocutaneous flaps :
- (A) These flaps are based on vessels running either within or near the fascia.
 - (B) Scapular and parascapular flaps are examples of musculocutaneous flaps.
 - (C) Type III flaps are supplied by a single dominant pedicle.
 - (D) Sartorius and the tibialis anterior are examples of a type IV flap.
103. A characteristic feature of Acinetobacter infections in burns wounds are all, except :
- (A) Opportunistic infections, including pneumonia, surgical site and urinary tract
 - (B) Transfer between patients
 - (C) Cefalosporin resistant, Carbapenem sensitive
 - (D) High virulence

104. In the classification of fasciocutaneous flaps, the vascular basis of a Mathes and Nahai Type A flap :
- (A) Has musculocutaneous perforators
 - (B) May be identical to Cormack-Lamberty type B
 - (C) Courses along an inter-compartmental or inter-muscular septum
 - (D) Is unsuitable for free tissue transfer
105. The blood supply of tensor fasciae lata flap comes from the :
- (A) Lateral circumflex femoral artery
 - (B) Medial circumflex femoral artery
 - (C) Superficial epigastric artery
 - (D) Superficial external pudendal artery
106. The main blood supply of pectoralis major flap is from the :
- (A) Internal mammary artery perforators
 - (B) Thoracoacromial artery
 - (C) Lateral thoracic artery
 - (D) Suprascapular artery
107. According to Baxter, higher fluid requirements during resuscitation are seen in :
- (A) Chemical burns
 - (B) Inhalational injuries
 - (C) Younger age group
 - (D) Cardiac failure
108. Which amongst the following is an example of Type III muscle (Mathes and Nahai classification) ?
- (A) Rectus femoris
 - (B) Rectus abdominis
 - (C) Pectoralis major
 - (D) Gastrocnemius
109. When Dominant supply is divided, flap left to survive on intact distally based vessels that form connections to another blood supply system, this feature is characteristic of :
- (A) Rotational flap
 - (B) Axial flap
 - (C) Random pattern flap
 - (D) Reverse flow flap

110. All are true regarding choke vessels, except :
- (A) They serve as connection between adjacent cutaneous arteries.
 - (B) They are plentiful in the integument and are important in regulating the blood flow to the intact skin.
 - (C) The caliber of the choke vessels is comparable to that of the true anastomatic vessels.
 - (D) The choke vessels dilate in response to flap delay.
111. Which among the following is a significant inhibitor of vascular-smooth muscle tone and thus is a proximate cause of vasoplegia and distributive shock following burn injury ?
- (A) Platelet Aggregation Factor
 - (B) Nitric Oxide
 - (C) Myoglobin
 - (D) Kinins
112. Delay phenomenon results in :
- (A) Opening of closed choke vessels
 - (B) Reorientation of vessels to a more longitudinal flap
 - (C) Vasculogenesis and Angiogenesis
 - (D) All of these
113. Enhancing blood supply of a pedicled flap by performing microvascular anastomosis to a secondary pedicle of the flap is :
- (A) Delaying of flap
 - (B) Advancement of flap
 - (C) Crane principle
 - (D) Super charging
114. Which of the following are true about Keystone flap ?
- (A) Trapezoidal shape
 - (B) Width of flap is equal to the widest portion of the defect
 - (C) Deep fascia is cut to allow advancement
 - (D) All of these
115. Secondary assessment in burns involve all, except :
- (A) Evaluation of fractures
 - (B) Cervical spine protection
 - (C) Evaluation of past medical history
 - (D) Securing airway

116. Following are true about Cross leg flap, except :
- (A) Needs prolonged immobilization
 - (B) Free flap version of Cross leg flap possible
 - (C) Commonly done nowadays
 - (D) Flap is fashioned on opposite leg
117. The ABA recommends referral to a dedicated burn centre for all patients with greater than _____ Total Body Surface Area (TBSA) burn.
- (A) 10%
 - (B) 17%
 - (C) 25%
 - (D) 25%
118. According to Mathes and Nahai Flexor digitorum longus muscle belongs to which type ?
- (A) Type 1
 - (B) Type 2
 - (C) Type 3
 - (D) Type 4
119. Which are the features not of Integra ?
- (A) Contains Bovine collagen
 - (B) Contains elastin
 - (C) It has double layer
 - (D) Contains glycosaminoglycan
120. "Any catastrophic event in which the number of burn victims exceeds the capacity of the local burn centre to provide optimal burns care" is :
- (A) Severe burns
 - (B) Major burns
 - (C) Mass burn casualty disaster
 - (D) All of these
121. What is meant by "sanubandhen jeevitah" according to Sushruta ?
- (A) Through continuity it survives
 - (B) Life continues uninterrupted
 - (C) Life is difficult to continue
 - (D) Life must continue
122. The first use of the word plasty was by :
- (A) Dresden
 - (B) von Graefe
 - (C) Tagliacozzi
 - (D) Ponten
123. All are seen in electrical burns, except :
- (A) Low CPK
 - (B) Myoglobinaemia
 - (C) High CRP
 - (D) None of these

124. Post burn victims are known to manifest :
- (A) Post Traumatic Stress Disorder (PTSD)
 - (B) General Anxiety Disorder (GAD)
 - (C) Acute Stress Disorder (ASD)
 - (D) All of these
125. The credit for the first description of 'split thickness' skin graft goes to :
- (A) Thiersch
 - (B) Davies
 - (C) Ollier
 - (D) Blair
126. Medical wound debridement can be done by :
- (A) Papain urea
 - (B) Collagenase
 - (C) Honey
 - (D) All of these
127. Burns with ammonia may cause all the following, except :
- (A) Ocular injury
 - (B) Tracheobronchial mucosal necrosis
 - (C) Severe pulmonary edema
 - (D) Psychosis
128. The commonest pathogen causing felon is :
- (A) Streptococcus beta hemolyticus
 - (B) Staphylococcus aureus
 - (C) Diplococcus
 - (D) Enterococcus
129. According to BMR council grading, what muscle power can be considered for tendon/muscle transfer ?
- (A) Only grade 5
 - (B) Grade 3 or greater
 - (C) Grade 4 or greater
 - (D) All of these
130. The primary goal in burns shock is :
- (A) Reduce pain
 - (B) Reduce bacteraemia
 - (C) Replace and reduce fluid loss into third space
 - (D) Reduce cardiac overload
131. Lanula of the nail is :
- (A) Germinal matrix
 - (B) White arc distal to the eponichium
 - (C) Sterile matrix
 - (D) Hyponichium

132. Incision used for open rhinoplasty is :
- (A) Stair step incision
 - (B) Inter cartilaginous incision
 - (C) Trans cartilaginous incision
 - (D) Midline columellar incision
133. Which of the following suggests a need for emergency intubation ?
- (A) Tachypnea
 - (B) Stridor
 - (C) Hoarseness
 - (D) All of these
134. Features of laser beam are :
- (A) Monochromatic
 - (B) Collimated
 - (C) Coherent
 - (D) All of these
135. Electromagnetic spectrum of visible light is :
- (A) 10 nm – 400 nm
 - (B) 400 nm – 700 nm
 - (C) 700 nm – 1000 nm
 - (D) 1m – 100m
136. The major pedicle of the Medical gastrocnemius muscle is :
- (A) Median sural artery
 - (B) Medial sural artery
 - (C) Popliteal artery
 - (D) Gastrocnemius artery
137. Acids and bases should not be neutralized with opposing agents in chemical burn except in :
- (A) Nitric acid burn
 - (B) Lime burns
 - (C) Hydrofluoric acid burn
 - (D) Lye burns
138. Epiphysis of the fibular head is supplied by :
- (A) Peroneal artery
 - (B) Anterior tibial artery
 - (C) Posterior tibial artery
 - (D) Popliteal artery
139. External oblique musculocutaneous flap was described by :
- (A) Hershey and Butcher
 - (B) Sugarbaker
 - (C) Rohrich
 - (D) Gibso
140. Buck's fascia of penis is :
- (A) In the subcutaneous plane
 - (B) Superficial to dartos fascia
 - (C) Between dartos fascia and Tunica albuginea
 - (D) Deep to tunica albuginea

141. Who first reported the reconstruction of entire penis ?
- (A) Sprengler
 - (B) Bogoras
 - (C) McGregor
 - (D) Cohen
142. Following is true with Trapeze-plasty, except :
- (A) Incisions are placed perpendicular to scar
 - (B) Very effective in releasing linear scar contracture
 - (C) They are similar to Z plasties
 - (D) They are totally different from Z plasties
143. Predominant collagen in cartilage is :
- (A) Type - 1
 - (B) Type - 2
 - (C) Type - 3
 - (D) Type - 4
144. Indication for osteo integrated nasal reconstruction include :
- (A) Failed autogenous reconstruction
 - (B) Significant scarring in the autogenous donor soes
 - (C) Patient preference
 - (D) All of these
145. Dermoscopy is useful in diagnosis of :
- (A) Malignant melanoma and nevus
 - (B) Seborrheic keratosis
 - (C) Basal cell carcinoma
 - (D) All of these
146. Poland syndrome features include :
- (A) Deformities of upper extremity
 - (B) Vertebral anomalies
 - (C) Thoracic wall anomalies
 - (D) All of these
147. All the muscles of the velopharynx get motor supply from pharyngeal plexus, except :
- (A) Levator palatini
 - (B) Tensor veli palatini
 - (C) Musculus uvulae
 - (D) Superior pharyngeal constrictor
148. Whistle deformity results from :
- (A) Scar contracture across vermilion
 - (B) Failure to fill the central tubercle with lateral vermilion
 - (C) Diastasis of the orbicularis muscle (D) Neligan, vol-3, page 640
 - (D) All of these

149. Bouvier test includes :

- (A) Passive flexion of MCP joint
- (B) Active extension of IP joints
- (C) Both (A) and (B)
- (D) None of these

150. Volar MCP joint capsulodesis is done for :

- (A) Simple clawing
- (B) Intrinsic contracture
- (C) Injury to extensor digitorum
- (D) Injury to middle slip of extensor expansion

151. Grade 4 gynaecomastia has :

- (A) Severe hypertrophy
- (B) Moderate hypertrophy
- (C) Minimal hypertrophy
- (D) No hypertrophy

152. With regard to hypospadias surgery which is the correct answer ?

- (A) Meatal advancement glanuloplasty is also called Snodgrass technique.
- (B) Meatal advancement glanuloplasty is a single stage procedure.
- (C) Full thickness mucosal grafts are taken from the tongue.
- (D) Circumcision to be done in the first stage of Brackas procedure.

153. Which of the following anatomic structures is associated with Cubital tunnel syndrome ?

- (A) Ligament of struthers
- (B) Arcade of struthers
- (C) Fascia of Osborne
- (D) Arcade of Frohse

154. What is Photogrammetry ?

- (A) A type of Direct anthropometry
- (B) A type of Indirect anthropometry
- (C) A type of Photography method
- (D) A technique of using Castroviejo caliper

155. Urorectal septum form during _____ of gestation.

- (A) 2nd week
- (B) 3rd week
- (C) 4th week
- (D) 5th week

156. The first kidney transplant was performed by :

- (A) Dr. Joseph Murray
- (B) Neumann U
- (C) McCulloch
- (D) Barkun JS

157. Guinea Pig Club was formed by :

- (A) A group of animal lovers
- (B) A group of Philanthropist
- (C) McIndoe
- (D) Patients of McIndoe

158. Following are true about external angular dermoid, except :

- (A) Usually fixed to the orbital rim periosteum
- (B) Usually with intra-osseus extension
- (C) Usually fixed to frontozygomatic suture
- (D) Usually lie along the trajectory Tessier number 10 cleft

159. Surgical treatment of Adult Brachial plexus injury include :

- (A) Proximal exploration and reconstruction
- (B) Distal nerve transfers
- (C) Biomechanical restoration
- (D) All of these

160. Pilomatrixoma arises from :

- (A) Keratinocytes
- (B) Dermis
- (C) Outer root sheath of hair follicle
- (D) Sweat glands

161. Tort law deals with :

- (A) Patient care
- (B) Negligence and malpractice
- (C) Private practice
- (D) Patients rights

162. Gittes test is performed to assess :

- (A) Erectile dysfunction
- (B) To assess Chordee
- (C) To assess urethral fistula
- (D) To assess urethral stricture

163. Pathogenesis in progressive hemifacial atrophy is :

- (A) Lymphocytic neurovasculitis
- (B) Chronic cell mediated vascular injury
- (C) Incomplete endo thelial regeneration
- (D) No definite pathogenesis

164. What is the natural history of most patients with lateral epicondylitis ?

- (A) Waxing and waning symptoms, with general progression and worsening of disease over time
- (B) Progression to radiocapitellar arthritis and increasing elbow dysfunction
- (C) Improvement in symptoms over time without surgical intervention
- (D) Requirement for surgical debridement to ameliorate symptoms

165. The success rate of corticosteroid injections near A1 pulley for treatment of trigger finger (stenosis tenosynovitis) is about :

- (A) 10% to 20%
- (B) 20% to 30%
- (C) 30% to 40%
- (D) 60% to 90%

166. A 23-year-old injury presents with Boutonniere Deformity of Left RF due to :

- (A) Avulsion of the superficial flexor tendon
- (B) Central slip disruption

(C) Sagittal band rupture

(D) Avulsion of the deep flexor tendon

167. All are true regarding Spring device in the treatment of craniosynostosis, except :

- (A) Used in sagittal synostosis
- (B) Used in single suture synostosis
- (C) It is a spring assisted expansion
- (D) Used in infants older than six months

168. What is carbonated anesthesia ?

- (A) Injecting sodium bicarbonate during anesthesia
- (B) Adding sodium bicarbonate to local anesthetic
- (C) Adding calcium bicarbonate to local anesthetic
- (D) All of these

169. A patient presenting with a chronic mallet deformity is likely to develop what deformity ?

- (A) Clinodactyly
- (B) Hook-nail deformity
- (C) Boutonniere
- (D) Swan-neck

170. Versajet is a device used for :
- (A) Wound debridement
 - (B) Encouraging granulation
 - (C) For hemostasis
 - (D) Identifying dead tissue
171. In using circumferential measurement as an objective diagnostic test, what is the minimum increase in limb circumference used to define lymphedema ?
- (A) 1 cm
 - (B) 2 cm
 - (C) 3 cm
 - (D) 4 cm
172. Which of the following intrinsic muscles can be used to close defects of the hind foot ?
- (A) Abductor digiti mini
 - (B) Lumbricals
 - (C) Interossei
 - (D) None of these
173. On exam, her left lower extremity is severely enlarged with nonpitting wooden edema and verrucous hyperkeratosis. Which of the following is not an appropriate surgical option ?
- (A) Excision
 - (B) Vascularized lymph node transplant
 - (C) Amputation
 - (D) LVA
174. What is the clinical end point for full-field CO₂ ablative facial resurfacing ?
- (A) Punctate bleeding
 - (B) Subcutaneous fat
 - (C) Pale yellow coloration of the skin
 - (D) No clinical end point, settings determine therapy
175. Two days after full-face erbium laser resurfacing, a 54-year-old healthy woman experiences diffuse erythema and oedema of face. Cause is :
- (A) Allergic reaction
 - (B) Bacterial infection
 - (C) Fungal infection
 - (D) Normal healing
176. Proposed mechanisms by which NPWT works include :
- (A) Compression of tissues causing shear and hypoxia
 - (B) Hypoxia releases nitric oxide causing vasodilatation
 - (C) Splinting of the wound mechanically
 - (D) All of these

177. With the eye in primary gaze, the margin of the upper lid should not be lower than which of the following positions to rule out ptosis in a patient undergoing blepharoplasty ?
- (A) 1 to 2 mm above the superior limbus
 - (B) The level of the superior limbus
 - (C) 1 to 2 mm below the superior limbus
 - (D) The level of the superior pupil
178. Six months after a primary facelift with SMASectomy, a 70-year-old presents with midface and temporal hollowing, following weight loss. What is an appropriate option for improving this patient's concerns ?
- (A) SMAS plication procedure
 - (B) Fat grafting to the face
 - (C) Placement of cheek implants
 - (D) Laser resurfacing
179. Which of the following characteristics of hyaluronic acid dermal fillers may be modified to produce prolonged results ?
- (A) Cross-linking
 - (B) Particle size
 - (C) Viscosity
 - (D) Gel hardness (G')
180. Which nerve causing complete numbness of the earlobe is most likely injured during the facelift procedure ?
- (A) Posterior auricular nerve
 - (B) Spinal accessory nerve
 - (C) Cervical branch of the facial nerve
 - (D) Great auricular nerve
181. Which of the following is the least effective treatment option to address the white nodules following Calcium hydroxyapatite filler injection ?
- (A) Direct excision of the filler
 - (B) Injection of a corticosteroid
 - (C) Massage of the folds
 - (D) Needle disruption and unroofing of the lump
182. You explain the risks and benefits of the facelift surgery, and patient asks about the most common complication of a facelift surgery. What do you answer ?
- (A) Facial nerve injury
 - (B) Skin necrosis
 - (C) Seroma
 - (D) Hematoma

183. A patient who underwent lipofilling to augment her breasts presents with asymmetry and lack of fullness in the upper portions of both breasts. Cause is :

- (A) The plastic surgeon did not use tumescent solution
- (B) Some fat graft failed to survive the transfer.
- (C) The fat graft should have been harvested from the medial thigh.
- (D) A breast implant is always needed to supplement the procedure.

184. To surgically treat the examination finding of a positive bilateral Cottle test, which of the following would you perform during septorhinoplasty ?

- (A) Quadrangular septal cartilage and bony septum excision
- (B) Bilateral inferior turbinate submucosal resection and outfracture

- (C) Cartilage spreader graft placement between the septum and upper lateral cartilage
- (D) Cartilage lateral crural strut graft placement under each lower lateral crura

185. A patient is complaining of severe abdominal pain and presenting with abdominal guarding and rigidity following abdominal fat harvest for fat grafting. Next step is :

- (A) Observation and trial of clear liquids
- (B) Narcotic pain medication
- (C) Abdominal binder and compression dressing
- (D) CT scan with and without intravenous contrast

186. A 5-year-old girl has an ear anomaly showing a pointed helix and a third crus of the antihelix. Which of the following is the most likely diagnosis ?

- (A) Microtia
- (B) Prominent ear
- (C) Stahl ear
- (D) Cryptotia

187. What is the most common complication of using smooth round silicone implants placed in subglandular plane for breast augmentation ?
- (A) Animation deformity from the pectoralis muscle
 (B) Capsular contracture
 (C) Deflation and subsequent loss of volume
 (D) Superior implant migration
188. Which operative technique is used to recreate the antihelical fold in a patient with a prominent ear ?
- (A) Cartilage graft
 (B) Cartilage excision
 (C) Mustarde sutures
 (D) Fumas sutures
189. Which of the following is the most likely complication after single-stage mastopexy-augmentation ?
- (A) Asymmetry
 (B) Capsular contracture
 (C) Poor scarring
 (D) Recurrent ptosis
190. What is the surgical option for a 30-year-old male with asymptomatic gynecomastia that has been present for 15 years ?
- (A) Limited periareolar incision with a pull-through direct excision technique
 (B) Suction-assisted lipectomy with disruption of the inframammary fold
 (C) Wise pattern reduction mammoplasty with inferior dermoglandular pedicle
 (D) Breast amputation technique with free nipple grafting
191. A 33-year-old woman has large, grade III ptotic breasts, with sternal notch to nipple and nipple to IM fold distances of 30 and 25 cm, respectively. Breast reduction option is :
- (A) Inferior pedicle with keyhole pattern skin resection
 (B) Superomedial pedicle with keyhole skin resection
 (C) Amputation and free nipple graft
 (D) SAL and mastopexy

192. Following are associated with Hypospadias except :
- (A) Scrotal bipartition
(B) Chordee
(C) Inguinal hernia
(D) Androgen hyper sensitivity
193. Which of the following is also known as Pectus excavatum ?
- (A) Pectus carinatum
(B) Thorax embudo
(C) Sternal cleft
(D) All of these
194. Transverse lumbosacral flap is based on which vessels ?
- (A) Contralateral lumbosacral perforators
(B) Ipsilateral lumbosacral perforators
(C) Superior gluteal artery perforators
(D) Internal iliac artery perforators
195. The "B" technique of reduction mammoplasty was reported by :
- (A) Galavo
(B) Pitanguy
(C) McKissock
(D) Regnault
196. Disadvantage of Denis Browne technique of hypospadias repair is :
- (A) Chordee release and prepuccial skin transfer in 1st stage
(B) Urethra is tubularised in 2nd stage
(C) Multiple fistulas and strictures frequently result
(D) Dorsal skin release is done
197. In Asopa technique of urethroplasty, the urethra is created from :
- (A) Free prepuccial skin graft
(B) Split thickness skin graft from thigh
(C) Repuccial pedicle flap
(D) Free radial fore arm flap
198. The nerve supplying the neoclitoral flap in penile inversion vaginoplasty is :
- (A) Dorsal penile nerve
(B) Ilio-inguinal nerve
(C) Pudental nerve
(D) Clitoral nerve

199. Allen's test is done :

- (A) To assess the sensory supply in the hand
- (B) To ensure perfusion by ulnar artery alone
- (C) To ensure perfusion of the opposite hand
- (D) To ensure no vascular occlusion in the hand

200. Which of the following is correct about breast reconstruction ?

- (A) Follow the principles of onchologic management
- (B) To reconstruct breast that meet the patient's expectations
- (C) Breast symmetry is a major factor a woman is achieving
- (D) All of these

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