

BKL
PROVISIONAL ANSWER KEY

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THE LINK FOR ONLINE OBJECTION SYSTEM WILL START FROM 01-02-2025; 10:00 AM ONWARDS

Instructions / સૂચન

Candidate must ensure compliance to the instructions mentioned below, else objections shall not be considered: -

- (1) Candidates have to pay fees of Rs.100/- for each objection. The fees can be paid from the link given herewith.
- (2) The Candidate will be able to submit objection only after payment of the fees. The generation of the receipt will only be considered as final submission.
- (3) The Candidate must retain the receipt of the payment of the fees. The fees, once paid, will not be refunded under any circumstances.
- (4) All the objections should be submitted through **ONLINE OBJECTION SUBMISSION SYSTEM** only. Physical or submission through any other means will not be considered.
- (5) All objections are to be submitted with reference to the Master Question Paper published with provisional answer key, published herewith on the website / online objection submission system. Objections should be sent referring to the Question No. & options of the Master Question Paper. Objections regarding question nos. and options other than provisional answer key (Master Question Paper) shall not be considered.
- (6) Objections and answers suggested by the candidate should be in compliance with the responses given by him in his answer sheet. Objections shall not be considered, in case, if responses given in the answer sheet /response sheet and submitted objections are differed.
- (7) Supportive document to the objection must be uploaded, without which objection will not be considered.

ઉમેદવારે નીચેની સૂચનાઓનું પાલન કરવાની તકેદારી રાખવી, અન્યથા વાંધા-સૂચન અંગે કરેલ રજૂઆતો ધ્યાને લેવાશે નહીં

- (1) ઉમેદવારે દરેક વાંધા દીઠ રૂપિયા ૧૦૦/- ફી ભરવાની રહેશે. જે ફી આ સાથે આપેલ લીંક ઉપરથી ભરી શકાશે.
- (2) ફી ભર્યા બાદ જ વાંધો સબમીટ થઈ શકશે. ફી ભર્યાની આખરી પહોંચ જ આખરી સબમીશન ગણાશે.
- (3) ફી ભર્યાની પહોંચ ઉમેદવારે સાચવી રાખવાની રહેશે. એક વાર ભરેલ ફી કોઈ પણ પરિસ્થિતિમાં પરત આપવામાં આવશે નહિ.
- (4) વાંધા ફક્ત **ઓનલાઇન ઓબ્જેક્શન સબમીશન સીસ્ટમ** દ્વારા જ સબમીટ કરવાના રહેશે. રૂબરૂ, ટપાલ અથવા ઈ-મેઇલ કે અન્ય કોઈ રીતે આયોગને મોકલવામાં આવેલ વાંધા ધ્યાને લેવામાં આવશે નહીં, જેની ખાસ નોંધ લેવી.
- (5) ઉમેદવારે પોતાને પરીક્ષામાં મળેલ પ્રશ્નપુસ્તિકામાં છપાયેલ પ્રશ્નક્રમાંક મુજબ વાંધા-સૂચનો રજૂ ન કરતાં, તમામ વાંધા-સૂચનો વેબસાઇટ પર પ્રસિધ્ધ થયેલ પ્રોવિઝનલ આન્સર કી (માસ્ટર પ્રશ્નપત્ર) ના પ્રશ્નક્રમાંક મુજબ અને તે સંદર્ભમાં રજૂ કરવા. માસ્ટર પ્રશ્નપત્રમાં નિર્દિષ્ટ પ્રશ્ન અને વિકલ્પ સિવાયના વાંધા ધ્યાને લેવામાં આવશે નહીં.
- (6) ઉમેદવારે પ્રશ્નના વિકલ્પ પર વાંધો રજૂ કરેલ છે અને વિકલ્પ રૂપે જે જવાબ સૂચવેલ છે એ જવાબ ઉમેદવારે પોતાની ઉત્તરવહીમાં આપેલ હોવો જોઈએ. ઉમેદવારે સૂચવેલ જવાબ અને ઉત્તરવહીનો જવાબ ભિન્ન હશે તો ઉમેદવારે રજૂ કરેલ વાંધા ધ્યાને લેવાશે નહીં.
- (7) વાંધા માટે સંદર્ભ જોડવો આવશ્યક છે, જેના વિના વાંધો ધ્યાને લેવામાં આવશે નહીં.

Website link for online objection submission system: https://www.formonline.co.in/GPSC_TRACK/SearchPage.aspx

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- Internal Strabismus is caused by**
(A) Sixth nerve paralysis (B) Fourth nerve paralysis
(C) Third nerve paralysis (D) Optic nerve paralysis
- The insertion of Mylohyoid muscle is at**
(A) Body of hyoid bone (B) Raphe and body of hyoid bone
(C) Inferior border of hyoid bone (D) Greater horn of hyoid bone
- The chin is retruded with the help of which muscle?**
(A) Lateral pterygoid muscle (B) Anterior belly of digastric
(C) Medial pterygoid muscle (D) Temporalis muscle
- The most useful enzyme used in the diagnosis of Myocardial Infarction is**
(A) Cardiac isomer of creatine kinase (CK-MB)
(B) Aspartate transaminase
(C) Lactate dehydrogenase
(D) Gamma-glutamyl transpeptidase
- Kaplan-Feinstein index was developed for the assessment of comorbidity on the outcome in**
(A) Diabetes mellitus (B) Diabetes mellitus and several cancers
(C) Several cancers (D) None of the above
- Life threatening hemorrhage is defined as**
(A) Loss of more than 2 units of blood (B) Loss of more than 3 units of blood
(C) Loss of more than 1 unit of blood (D) None of the above
- Malignant Hyperthermia can be caused or triggered by all of the following except**
(A) Sevoflurane (B) Nitrous oxide
(C) Succinylcholine (D) Enflurane
- Antineoplastic and Chemotherapeutic drugs specifically affect which phase of wound healing?**
(A) Inflammatory phase (B) Remodelling phase
(C) Late phase (D) Wound contraction
- The main nerve trunk bifurcation of facial nerve is reported in the range of**
(A) 12 to 20 mm inferior to posterior aspect of tragus of ear
(B) 25 to 35 mm inferior to posterior aspect of tragus of ear
(C) 12 to 20 mm superior to posterior aspect of tragus of ear
(D) 15 to 30 mm superior to posterior aspect of tragus of ear
- Xerostomia begins from which duration in patients undergoing radiotherapy?**
(A) Within the 1st week of radiotherapy (B) Between 2nd and 3rd week
(C) In the 4th week (D) Between 3rd and 4th week

11. The causative organism of Cat Scratch disease is
(A) Mycobacterium (B) Staph aerugenosa
(C) Streptococcus aureus (D) Bartonella henselae
12. Dermoid cysts are
(A) Transmissible (B) Congenital
(C) Acquired (D) Fungal
13. The most common oral location of Lymphangioma is
(A) Palate (B) Buccal mucosa
(C) Tongue (D) Gingiva and lips
14. Five minutes application of Carnoy's solution penetrates bone to an approximate depth of
(A) 0.5 mm (B) 1.5 mm
(C) 2.5 mm (D) 3.5 mm
15. The window period for the consideration of the use of hyperbaric oxygen therapy after completion of radiation therapy is approx.
(A) 6 to 8 weeks (B) 8 to 12 weeks
(C) 6 to 12 months (D) Only after 2 years
16. The most characteristic Radiographic appearance in multiple myeloma is
(A) Punched-out lesions (B) Honeycomb
(C) Butterfly (D) Cherry blossom
17. Which of the following are the strong indicators of a superior orbital fissure fracture?
(A) Ptosis, Chemosis
(B) Ptosis, Mydriasis
(C) Ptosis, Proptosis
(D) Proptosis, Ptosis, Ophthalmoplegia, Chemosis, Mydriasis
18. Which of the following medium is more appropriate for the storage of avulsed tooth?
(A) Hank's Balanced Salt Solution (B) Milk
(C) Water (D) Saliva
19. A child is having a history of fall with Class III fracture, non-vital primary teeth, undergoing pulpectomy. The preferred material for obturation will be
(A) Formocresol (B) Zinc oxide Eugenol
(C) Calcium hydroxide (D) Gutta percha
20. The most accurate diagnostic aid in evaluating blowout fractures of orbital floor is
(A) 2 mm thick sagittal section CT scans (B) 2 mm thick coronal section CT scans
(C) 4 mm thick sagittal section CT scans (D) 4 mm thick coronal section CT scans

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21. Which one of the following is correct for CSF and nasal secretions?
(A) CSF will not stiffen a handkerchief whereas nasal secretions will
(B) CSF will stiffen a handkerchief whereas nasal secretions will not
(C) Both will not stiffen a handkerchief
(D) None of the above
22. The cause of loss of sensation over the forehead in Orbital fissure syndrome is
(A) Compromised venous and lymphatic drainage through ophthalmic veins
(B) Involvement of Supratrochlear and Supraorbital nerves of first division of trigeminal nerve
(C) Blockage of transmission via oculomotor nerve
(D) Blockage of parasympathetic supply via oculomotor nerve
23. Melanomas are which type of lesions?
(A) Benign
(B) Malignant
(C) Can be benign or malignant
(D) None of the above
24. The therapeutic effect of superficial heating in treating inflammation of TMJ disorders is by
(A) Elevating pain threshold
(B) Altering nerve conduction velocity
(C) Decreasing muscle tension
(D) All of the above
25. Which Immunoglobulin is responsible for secondary immune response?
(A) IgG
(B) IgM
(C) IgD
(D) IgA
26. Which component of eye has no blood supply?
(A) Retina
(B) Lens
(C) Cornea
(D) Rods and Cones
27. During apicectomy, root end is beveled at
(A) Approx. 60 degree to the line of vision
(B) Approx. 45 degree to the line of vision
(C) Approx. 25 degree to the line of vision
(D) Approx. 15 degree to the line of vision
28. Arrange the route of drug administration by its onset of action (Fastest to slowest):
(A) Intramuscular, Sublingual, Intravenous, Endotracheal
(B) Endotracheal, Intravenous, Sublingual, Intramuscular
(C) Intravenous, Endotracheal, Intramuscular, Sublingual
(D) Endotracheal, Sublingual, Intravenous, Intramuscular

29. Flumazenil can be used by which route to reverse the clinical actions of Benzodiazepines?
(A) Intravenous route (B) Intramuscular route
(C) Sublingual route (D) Endotracheal route
30. Maximum recommended dose of lidocaine hydrochloride without adrenaline is
(A) 6 mg/Kg (B) 2.4 mg/Kg
(C) 4.4 mg/Kg (D) 7 mg/Kg
31. Which local anesthetics is used to treat ventricular arrhythmia?
(A) Bupivacaine (B) Articaine
(C) Lidocaine (D) All of the above
32. A positive Chovstek's sign is an indication of
(A) Hypercalcemia (B) Hypocalcemia
(C) Hypokalemia (D) Hyperkalemia
33. Higher Mallampati score (Class 4) is associated with
(A) More difficult intubation (B) Higher incidence of sleep apnea
(C) Both A and B (D) None of the above
34. Ostene, a bone hemostasis material, is
(A) Fat soluble (B) Water soluble
(C) Both A and B (D) None of the above
35. Dumbbell tumor of the parotid gland originates from
(A) Superficial lobe of parotid (B) Deep lobe of parotid
(C) Tail of parotid (D) All of the above
36. Contraindications for Sialography is
(A) Degenerative condition (B) Intra and extra glandular tumors
(C) Acute inflammatory condition (D) Ductal anomalies
37. Which elevator is used for the reduction of Zygomatic bone fracture?
(A) Rowe's zygoma elevator (B) Bristow's elevator
(C) Both A and B (D) None of the above
38. Which of the following drugs can cause cleft lip if used during pregnancy?
(A) Phenytoin (B) Carbamazepine
(C) Thalidomide (D) Clopidogrel
39. A good reconstruction of soft palate in cleft patients can be achieved by reconstitution of which muscle or ligament?
(A) Stylomandibular ligament (B) Stylopharyngeous muscle
(C) Levator veli palatini muscle (D) Palatoglossus muscle

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40. Secondary bone grafting surgery in alveolar cleft should be classically performed
- (A) Prior to eruption of permanent canines
 - (B) Prior to eruption of permanent 2nd premolars
 - (C) After eruption of permanent 1st premolar
 - (D) None of the above
41. The gold standard for alveolar grafting is
- (A) Iliac crest
 - (B) Rib
 - (C) Cranium
 - (D) Hydroxyappetite-HA
42. The telogen phase of implanted grafts in hair transplants ends at approximately
- (A) 01 month
 - (B) 05 months
 - (C) 03 months
 - (D) 15 days
43. Which is the only significant test that can be used with nominal data?
- (A) t-test
 - (B) F-test
 - (C) Chi-square test
 - (D) None of the above
44. The facial paresis caused by the use of local anesthesia or swelling of the neighboring tissues caused by the perfusion of Ringer's solution in TMJ arthrocentesis is
- (A) Permanent
 - (B) Temporary
 - (C) Can be temporary or permanent
 - (D) None of the above
45. In individuals, not adequately tetanus immunized, how much of absorbed tetanus toxoid is administered for non-tetanus prone wounds?
- (A) 0.2 ml
 - (B) 0.3 ml
 - (C) 0.4 ml
 - (D) 0.5 ml
46. Quincy is a term used for
- (A) Lateral pharyngeal space abscess
 - (B) Submandibular space abscess
 - (C) Peritonsillar space abscess
 - (D) Submental space abscess
47. Needle track infections occur most often in
- (A) Submandibular space
 - (B) Pterygomandibular space
 - (C) Sublingual space
 - (D) Lateral pharyngeal space
48. The contraindications of Wallenius mucosal advancement and Obwegeser's submucosal vestibuloplasty are
- (A) Inflammatory hyperplasia
 - (B) Scar tissue
 - (C) Both A and B
 - (D) None of the above

49. Development of a hematoma around medial pterygoid muscle can lead to
(A) Excessive sharp shooting type of pain
(B) Swelling
(C) Trismus
(D) None of the above
50. Torniquet test is done for
(A) Thrombocytopenia ($70000/\text{mm}^2$)
(B) Capillary fragility
(C) Fibrinogen <1000 mg/dl
(D) Heparin deficiencies
51. Suicidal headache is the other name of
(A) Cluster headache
(B) Temporal arteritis
(C) Migraine
(D) Cervical pain
52. Which is the most preferred crystalloid fluid used in Hemorrhagic shock?
(A) Ringer lactate
(B) DNS
(C) Hypertonic saline
(D) Dextran
53. Early warm shock is characterized by
(A) Cutaneous vasodilation
(B) Cutaneous vasoconstriction
(C) Increased vascular permeability
(D) Hypovolemic state
54. Nerve anastomosis for nerve repair should be done at
(A) 0-3 weeks
(B) 3 weeks to 2 years
(C) Over 2 years
(D) Over 5 years
55. Fracture of Maxillary tuberosity during extraction of upper 3rd molar can occur due to
(A) Enlargement of sinus into tuberosity
(B) Divergent roots of third molar
(C) Ankylosis of third molar with max tuberosity
(D) All of the above
56. While performing lower buccal frenectomy, which nerve should be taken care of?
(A) Mental nerve
(B) Lingual nerve
(C) Incisive nerve
(D) Buccal nerve
57. Which of the following immunosuppressant drug is calcineurin inhibitor?
(A) Azathioprine
(B) Cyclosporine
(C) Methotrexate
(D) Prednisolone
58. Acne vulgaris of face is caused by all of the following except
(A) Propionibacterium acnes
(B) Staph. epidermidis
(C) Staph. aerous
(D) Pityrosporum ovale

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59. Which of the following is the most commonly used as topical drug for Acne vulgaris?
(A) Benzoyl peroxide (B) Doxycycline
(C) Minocycline (D) Isotretinoin
60. NSAID drug, which does not stimulate respiration or affect acid-base balance, does not increase cellular metabolism and has no effect on cardio vascular system is
(A) Aspirin (B) Paracetamol
(C) Diclofenac (D) Naproxen
61. Which of the following is an antiplatelet drug?
(A) Prasugrel (B) Losartan
(C) Danazol (D) Pamidronate
62. Which of the following drug is not used in Tuberculosis?
(A) Isoniazid (B) Pyrazinamide
(C) Ethambutol (D) Erythromycin
63. Following are the indications for total prosthetic replacement of the TMJoint except
(A) Osteoarthritis (B) Rheumatoid arthritis
(C) Ankylosis in children (D) Post-traumatic condylar loss
64. All of the following statements regarding Kaban's protocol for treating TMJ Ankylosis are true except
(A) Release of ankylosis after the age of 5 for better physiotherapy
(B) Aggressive resection of 1-1.5 cm of bone
(C) Ipsilateral coronoidectomy and temporal myotomy
(D) Lining of the glenoid fossa with temporalis myofascial flap
65. Blood glucose level is increased in
(A) Diabetes mellitus (B) Pancreatitis
(C) Pheochromocytoma (D) All of the above
66. The contraindication for the use of distraction osteogenesis for preprosthetic purpose is
(A) Severe atrophic ridges (B) Bone loss due to trauma
(C) Severe osteoporosis (D) Congenital deformities
67. Augmentation of inferior border of mandible can be done with all of the following except
(A) Autogenous rib graft
(B) Allogenic freeze dried cadaveric mandible
(C) Cartilage graft
(D) Hydroxyappetite-HA

68. Blood supply of edentulous mandible is mainly from
(A) Centripetal (B) Centrifugal
(C) Inferior alveolar artery (D) Periodontal arterial arcade
69. The autogenous nerve graft for trigeminal nerve repair is
(A) Greater auricular nerve
(B) Lateral antebrachial cutaneous nerve
(C) Lesser auricular nerve
(D) None of the above
70. A nerve graft will be necessary for lingual nerve repair if the nerve gap is
(A) 2 mm (B) 2 to 5 mm
(C) 1 cm or more (D) None of the above
71. The 'not true' statement about split thickness skin graft is
(A) Consists of epidermis and variable portion of dermis
(B) Permits greater absorption of nutrients from wound bed
(C) Less tissue that requires revascularization
(D) Good colour and texture match and tendency not to contract
72. Blood supply of fibula is from
(A) Peroneal artery (B) Anterior tibial artery
(C) Popliteal artery (D) None of the above
73. Bilateral sagittal split osteotomy was first described in 1957 by
(A) Trauner (B) Dal Pont
(C) Hunsuck (D) Epker
74. Inferior or base of posterior triangle of neck is formed by
(A) Middle 1/3rd of clavicle (B) Posterior 1/3rd of clavicle
(C) Anterior border of trapezius (D) Superior nuchal line
75. Which part of the cavernous sinus is formed by endosteal dura mater?
(A) Lateral wall (B) Medial wall
(C) Roof (D) Floor
76. Facial artery arises from the external carotid artery
(A) Above the tip of the greater cornu of the hyoid bone
(B) Below the tip of the greater cornu of the hyoid bone
(C) Opposite the tip of the greater cornu of the hyoid bone
(D) Just above the posterior belly of digastrics

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77. If your patient is breathing rapidly, his body is attempting to
(A) Retain carbon dioxide
(B) Get rid of excess carbon dioxide
(C) Improve the buffering ability of bicarbonate
(D) Produce more carbonic acid
78. Older adults are at increased risk for electrolyte imbalances because with age, kidneys have
(A) Increased glomerular filtration rate
(B) Fewer functioning nephrons
(C) Increased ability to concentrate urine
(D) Increased blood flow
79. The absolute indication for open reduction for condylar fracture is
(A) Lateral fracture dislocation of condyle
(B) Severe anteromedial displacement of condyle
(C) Anteromedial dislocation of condyle
(D) Comminuted intracapsular fracture of condyle
80. Fracture of coronoid process will result in
(A) Mild derangement of occlusion
(B) No change of occlusion
(C) Mild posterior gagging of occlusion
(D) Need intermaxillary fixation for 3 – 4 weeks only
81. Actinomycosis is caused by
(A) Gram positive bacilli (B) Gram negative bacilli
(C) Fungus (D) Gram positive cocci
82. Tramline effect is produced by
(A) Epistaxis and CSF rhinorrhea (B) CSF rhinorrhea over pillow
(C) Epistaxis (D) CSF rhinorrhea over nasal secretion
83. Battle's sign is generally associated with
(A) Fracture of anterior cranial fossa **(B) Fracture of middle cranial fossa**
(C) Fracture of posterior cranial fossa (D) Ecchymosis at antero-auricular area
84. Which salivary gland duct has the highest occurrence of salivary calculi?
(A) Stensen's duct **(B) Warthin's duct**
(C) Bartholin duct (D) Both A and B
85. Stylohyoid nerve is a branch of
(A) Trigeminal nerve (B) Trochlear nerve
(C) Facial nerve (D) Vagus nerve

86. Which of the following sentences is true?
- (A) The right common carotid artery (RCCA) originates in the neck from the brachiocephalic artery
 - (B) The left common carotid artery (LCCA) originates in the neck from the brachiocephalic artery
 - (C) Right common carotid artery (RCCA) arises in the thorax from the arch of the aorta.
 - (D) Both right common carotid artery (RCCA) and left common carotid artery (LCCA) originate in the neck from the brachiocephalic artery
87. Arterial supply of parotid gland is derived from all of the following except
- (A) Maxillary artery
 - (B) Superficial temporal artery
 - (C) Buccal artery
 - (D) Transverse facial artery
88. Which of the following is required for crystallization and storage of the insulin hormone?
- (A) Manganese
 - (B) Magnesium
 - (C) Calcium
 - (D) Zinc
89. The most active site of protein synthesis is the
- (A) Nucleus
 - (B) Mitochondria
 - (C) Ribosome
 - (D) Cell sap
90. Grinspan syndrome is characterized by triad of which of the following conditions?
- (A) Lichen planus, hyperthyroidism, hypertension
 - (B) Leucoplakia, hypertension, diabetes mellitus
 - (C) Lichen planus, hypertension, diabetes mellitus
 - (D) Lichen planus, hypothyroidism, diabetes mellitus
91. The phenomenon by which bacteria circulating in blood accumulates at the site of pulpal inflammation is called as
- (A) Prochoretic pulpitis
 - (B) Retrograde pulpitis
 - (C) Anachoretic pulpitis
 - (D) Aerodontalgia
92. A syndrome characterised by cranio-synostosis, maxillary hypoplasia, shallow orbits and ocular proptosis is
- (A) Crouzon syndrome
 - (B) Apert syndrome
 - (C) Treacher Collins syndrome
 - (D) Down's syndrome
93. Fishnet pattern in pemphigus vulgaris is seen in which of the following test?
- (A) Direct immunofluorescence
 - (B) Tzanck smear
 - (C) FNAC
 - (D) Histopathology
94. Which chemical substance is categorized as a small-molecule, rapidly acting transmitter?
- (A) Atropine
 - (B) Oxytocin
 - (C) Thyrotropin
 - (D) Serotonin

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95. Structure, "Pyloric sphincter" was found between
(A) Esophagus and stomach (B) Stomach and duodenum
(C) Deodenum and jejunum (D) None of the above
96. What is the physiological role of the ptyalin in saliva?
(A) Digestion of starch (B) Antimicrobial action
(C) Lubrication (D) Digestion of protein
97. The end product of the "glycolysis" cycle is
(A) Acetyl coenzyme A (B) One Pyruvic acid
(C) Citric acid (D) Two pyruvic acid
98. Which is the gold standard method for measuring body core temperature?
(A) Temperature obtained from oesophagus
(B) Temperature obtained from pulmonary artery
(C) Temperature obtained from urinary bladder
(D) Temperature obtained from rectum
99. Thyroid-stimulating hormone (TSH) is secreted by
(A) Adrenal cortex (B) Adrenal medulla
(C) Anterior pituitary (D) Posterior pituitary
100. A 35-year-old woman presents with insomnia, irritability and worsening fatigue. The patient also reports losing 5 kg (11 lbs) in the last 2 months despite eating more than usual. Her vital signs are significant for a pulse of 130/min and blood pressure of 141/75 mmHg. Physical examination shows tremors, bulging eyes and a diffusely enlarged thyroid gland. The patient is diagnosed with a condition caused by auto-antibodies that have thyrotropin-like activity. The changes in thyroid function tests most likely to be seen are
(A) Low thyrotropin-releasing hormone, high thyrotropin and high T3/T4
(B) Low thyrotropin-releasing hormone, low thyrotropin and high T3/T4
(C) High thyrotropin-releasing hormone, high thyrotropin and low T3/T4
(D) High thyrotropin-releasing hormone, low thyrotropin and high T3/T4
101. What is the effect of cortisol on carbohydrate metabolism?
(A) Glycogenesis (B) Glycolysis
(C) Gluconeogenesis (D) None of the above
102. Immediately after high carbohydrate meal, the glucose that is absorbed into the blood causes rapid secretion of which of the following hormone?
(A) Insulin (B) Glucagon
(C) Cortisol (D) Thyroid

103. In the cases of vitamin deficiency, the damaged epithelial structure often becomes infected. For example, the conjunctiva of the eye, the lining of the urinary tract and the respiratory tract. It has also been called an "anti-infection" _____
- (A) Vitamin C (B) Vitamin B1
(C) Vitamin A (D) Vitamin B12
104. Schwann cell nucleus found in which of the following structure?
- (A) Unmyelinated nerve fibre
(B) Voluntary muscle
(C) Myelinated nerve fibre of peripheral nerve
(D) All of the above
105. Which structure contains deoxygenated blood?
- (A) Pulmonary vein (B) Aorta
(C) Pulmonary artery (D) Hepatic artery
106. A condition where vascular capacity increases so much that even the normal amount of blood becomes incapable of filling the circulatory system adequately. One of the major causes of this is the sudden loss of vasomotor tone throughout the body, resulting in massive dilation of the veins. The resulting condition is known as
- (A) Neurogenic shock (B) Vasovagal shock
(C) Anaphylactic shock (D) Septic shock
107. Which condition is formerly known as "Blood Poison"?
- (A) Neurogenic shock (B) Septic shock
(C) Anaphylactic shock (D) Vasovagal shock
108. In clotting factors, Prothrombin is
- (A) Factor II (B) Factor V
(C) Factor IV (D) Factor XII
109. Clotting factors involved in the intrinsic pathway include
- (A) Factors XII, XI, IX and VIII (B) Factors XII, XI, X and VIII
(C) Factors VII and III (D) Factors XII, XI, IX and VII
110. Which of the following is formed by the middle layer of the deep fascia?
- (A) Fascia behind platysma in anterior triangle of neck
(B) Pretracheal fascia
(C) Prevertebral fascia
(D) All of the above

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111. Tidal volume is the volume of air inspired or expired with normal breath; it amounts to about
(A) 250 ml in male adult (B) 500 ml in male adult
(C) 750 ml in male adult (D) 1000 ml in male adult
112. Duct of Rivinus is also known as
(A) Bartholin duct (B) Minor sublingual duct
(C) Parathyroid gland duct (D) Pituitary gland duct
113. Which of the following is an excitatory neurotransmitter?
(A) Glycine (B) Glutamate
(C) Dopamine (D) Serotonin
114. Which cranial nerve serves as afferent nerve for corneal reflex?
(A) Trigeminal nerve (B) Optic nerve
(C) Oculomotor nerve (D) Trochlear nerve
115. A reversible change of one adult (mature) epithelial or mesenchymal cell type to another adult cell type is
(A) Metaplasia (B) Dysplasia
(C) Hyperplasia (D) Apoptosis
116. Parotid gland calculi are example of
(A) Metastatic calcification (B) Iatrogenic calcification
(C) Dystrophic calcification (D) Idiopathic calcification
117. Which of the following statements is true about “anaphylaxis reaction”?
(A) It is IgG mediated rapid response (B) It is IgM mediated rapid response
(C) It is IgE mediated rapid response (D) It is cell-mediated rapid response
118. Systemic autoimmune disorder presenting with dryness of eyes and mouth due to inflammation and the resultant pathology of the lacrimal and salivary glands. One-half of affected individuals develop extra-glandular involvement of the joints, skin, lungs, gastrointestinal (GI) tract, nervous system and kidneys and frequently with autoimmune disorders including rheumatoid arthritis (RA) and systemic lupus erythematosus (SLE). This is called as
(A) Reiter’s syndrome (B) Turner syndrome
(C) Sjogren’s syndrome (D) Raynold’s syndrome
119. Relatively painless reddish-purple indurated mass at the angle of the jaw or in the vicinity of the parotid gland, which drain through sinuses, with so-called sulphur granules. It may rarely involves the oral cavity, tongue, mandible, maxilla, paranasal sinuses, etc. It is called
(A) Cervical necrotizing fasciitis
(B) Cervicofacial actinomycosis
(C) Acute multiple lymphadenitis
(D) Acute recurrent parapharyngeal space infection

120. Squamous cell carcinoma is
(A) An epithelial tumour (B) Non-epithelial tumour
(C) Mixed tumour (D) Tumour of connective tissue
121. Which virus is associated with nasopharyngeal carcinoma?
(A) Human papilloma virus (B) Polyoma virus
(C) Epstein-Barr virus (D) Pox virus
122. Which disorder is a heterogeneous grouping of genetic disorders that results from a decreased synthesis of alpha or beta chains of haemoglobin (Hb)?
(A) Sickle cell anaemia (B) Thalassaemia
(C) Aplastic anaemia (D) Pernicious anaemia
123. Retrobulbar haemorrhage can be treated by
(A) Medial canthotomy (B) Lateral canthotomy
(C) Both A and B (D) Supermedial canthotomy
124. Which hepatitis virus is spread by waterborne and foodborne medium?
(A) Hepatitis A and E (B) Hepatitis B and C
(C) Hepatitis A and C (D) Hepatitis C and D
125. Rodent ulcer is also called as
(A) Bowen's disease (B) Xeroderma pigmentosum
(C) Basal cell carcinoma (D) Sebaceoma
126. A rare fibrotic condition involving thyroid gland, presents with hypothyroidism with a "stone-like, hard-as-wood" non-tender, often invades the surrounding tissues, commonly presents with dyspnoea, dysphagia and hoarseness of voices. Also present with hypoparathyroidism, hypothyroidism, or Horner syndrome. This is called
(A) Hashimoto disease (B) Graves' disease
(C) Riedel's thyroiditis (D) Goitre
127. Large multinucleated cell responsible for the dissolution and absorption of bone is
(A) Osteocyte (B) Osteoclast
(C) Osteoblast (D) A & C
128. Most common site for intra oral schwannoma is
(A) Buccal mucosa (B) Tongue
(C) Ramus of mandible (D) Retromolar area
129. First drug of choice for management of anaphylaxis reaction is
(A) Massive dose of hydrocortisone (B) Dexamethasone
(C) Adrenaline (D) Diphenhydramine

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130. According to Pell & Gregory classification, if occlusal plane of impacted tooth is between occlusal plane and cervical line of 2nd molar, then the type of impaction is
(A) Class A (B) Class B
(C) Class C (D) Class D
131. All of the following are considered as critical (Essential) emergency drugs under Module-I except
(A) Oxygen (B) Nitroglycerin
(C) Sugar (D) Atropine
132. Local anesthetic molecule contains
(A) Lipophilic part and hydrophilic part (B) Lipophilic part and hydrophobic part
(C) Lipophobic part and hydrophilic part (D) Lipophobic and hydrophobic
133. Canon's white sponge nevus is
(A) A developmental anomaly (B) A bacterial infection
(C) Excised as benign lesion (D) Fungal infection
134. Which is a developmental cyst of head and neck region?
(A) Globulomaxillary cyst (B) Solitary bone cyst
(C) Primordial cyst (D) Residual cyst
135. In Glasgow coma scale, score 9-12 indicates
(A) Normal (B) Mild head injury
(C) Moderate head injury (D) Severe head injury
136. Sublingual gland is situated between
(A) Hyoglossus and genioglossus (B) Hyoglossus and styloglossus
(C) Genioglossus and floor of mouth (D) Geniohyoid and genioglossus
137. The lateral pterygoid muscle is attached to
(A) coronoid process and elevate mandible.
(B) condylar neck and depress mandible.
(C) coronoid and protrudes mandible.
(D) condylar neck and retract mandible.
138. Bowen's disease mimics which of the following disease?
(A) Erythroplakia (B) Leucoplakia
(C) Verrucose carcinoma (D) Superficial basal cell carcinoma
139. Which of the following subtype of lichen planus has highest malignant transformation?
(A) Papular, reticular (B) Plaque-like
(C) Atrophic, erosive (D) Bullous type

140. In male, which of the following malignancy has higher incidence of metastasis to jaw?
(A) Pancreas (B) Colorectum
(C) Oesophagus (D) Lung and liver
141. Sagittal split osteotomy was first described by
(A) Obwegeser (B) Wassmund
(C) Wundrer (D) Moose
142. V-Y closure of mucosa in orthognathic surgery is to maintain
(A) Vestibular depth (B) Lip length
(C) Frenum anatomy (D) Good oral hygiene
143. Bifid rib, multiple radiolucent area in jaw on radiograph, multiple basal cell nevi and falx cerebri calcification are found in
(A) Turner syndrome (B) Gorlin-Goltz syndrome
(C) Horner syndrome (D) Reitter's syndrome
144. Liesegang rings are found in which odontogenic lesion?
(A) Odontogenic keratocyst
(B) Calcifying epithelial odontogenic tumour
(C) Cementoblastoma
(D) Primordial cyst
145. Adenomatoid odontogenic tumour is commonly found in
(A) Incisor canine region of mandible (B) Ramus molar region of mandible
(C) Maxillary posterior region (D) Anterior maxilla
146. Which histological variant of ameloblastoma has highest recurrence rate?
(A) Follicular (B) Plexiform
(C) Grandular (D) Unilocular
147. Which gas is used for cryosurgery?
(A) CO₂ (B) Chlorine
(C) Liquid nitrogen (D) Neon
148. Nasal tone alteration is a complication that may occur with
(A) Unilateral cleft lip (B) Bilateral cleft lip
(C) Cleft alveolus (D) Cleft of the secondary palate
149. Which syndrome is associated with cleft lip and palate?
(A) Piere Robin syndrome (B) van der Woude syndrome
(C) Velocardiofacial syndrome (D) All of the above

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150. Which facial filler used for cosmetology is permanent in nature?
(A) Hyaluronic acid based (HA)
(B) Poly-L-lactic acid (PLLA)
(C) Calcium hydroxyapatite fillers (CaH)
(D) Polymethylmethacrylate (PMMA)
151. Vascular pattern of deltopectoral flap is based on
(A) 2nd, 3rd and 4th Perforators of internal thoracic artery
(B) 5th, 6th and 7th Intercostal Perforator vessels
(C) Posterior circumflex humeral artery
(D) Thoracoacromial artery
152. Hanging drop appearance in maxillary sinus radiograph is suggestive of
(A) Displacement of tooth root in maxillary sinus
(B) Orbital blowout fracture
(C) An antrolith before calcification
(D) Antral Polyp
153. Strawberry tongue is associated with
(A) Syphilis
(B) Measles
(C) Scarlet fever
(D) Typhoid
154. Mosaic pattern of bone is seen in the radiographic features of
(A) Fibrous dysplasia
(B) Paget's disease
(C) Osteopetrosis
(D) Osteogenesis imperfecta
155. Raccoon eyes is a characteristic of which class of Le Fort fracture?
(A) Le Fort I
(B) Le Fort II
(C) Le Fort III
(D) Zygomatic fracture
156. As per American Joint Committee on Cancer (AJCC) TNM classification for squamous cell carcinoma of oral cavity, which one of the following is stage IV?
(A) T2 N1 M0
(B) T2 N2 M0
(C) T3 N0 M0
(D) T3 N1 M0
157. Which of the following is an amide local anaesthetics?
(A) Butacaine
(B) Piperocaine
(C) Tetracaine
(D) Prilocaine
158. Cardiac output is received or distributed maximum to which organ?
(A) Kidney
(B) GI system and spleen
(C) Skeletal muscle
(D) Brain

159. The disadvantage of use of plastic, disposable, non-cartridge containing syringe is
(A) Disposable, single use (B) Sterile until opened
(C) Lightweight (D) Aspiration difficult
160. In which of the following situation, endocarditis prophylaxis is not recommended?
(A) Prosthetic cardiac valves
(B) Previous bacterial endocarditis
(C) Tetralogy of fallot
(D) Mitral valve prolapse without valvular regurgitation
161. Minimum amount of local anaesthetic solution for profound anaesthesia for greater palatine nerve block is
(A) 0.1 to 0.3 ml (B) 0.45 to 0.6 ml
(C) 1 to 1.5 ml (D) More than 2 ml
162. For extraction of mandibular 1st premolar, the nerves to be anaesthetized are
(A) Inferior alveolar and lingual nerve
(B) Inferior alveolar and long buccal nerve
(C) Inferior alveolar nerve only
(D) Lingual and long buccal nerve
163. Name of the closed mouth mandibular or inferior alveolar nerve block technique is
(A) Gow-Gates nerve block (B) Vazirani-Akinosi nerve block
(C) Obwegeser nerve block (D) Macintosh nerve block
164. Most common cause of diplopia is
(A) Blowout fracture
(B) Intradural injury in closed head injury
(C) Compression of nerve in superior orbital fissure
(D) Loss of orbital content
165. Maintenance of patency of airway can be done in a poly trauma with middle-third fracture is
(A) Hyperextension of neck (B) Hyperflexion of neck
(C) Chin lifting manoeuvre (D) Jaw pushing manoeuvre
166. Deficiency of vitamin D in growing children causes
(A) Osteomalasia (B) Rickets
(C) Osteoporosis (D) Osteopetrosis

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167. During rapid primary survey of trauma patients with threats to life, which of the following is of least importance?
- (A) Airway with cervical spine control
(B) Breathing and ventilation
(C) Circulation with haemostasis
(D) Disability reduction with fracture treatment
168. Submentovertical radiograph is useful to show
- (A) Base of skull
(B) Medial and lateral wall of orbit
(C) Condyle of mandible
(D) All of the above
169. Which of the following concentration of adrenaline in local anaesthesia has maximum effect of haemostasis?
- (A) Lignocaine 2% with adrenaline 1:200000
(B) Lignocaine 2% with adrenaline 1:80000
(C) Lignocaine 2% with adrenaline 1:100000
(D) All the above concentration of adrenaline has same effect of haemostasis
170. Possible complication of leakage of csf with rhinorrhoea is
- (A) Epitaxis
(B) Severe rhinitis
(C) Vomiting because of bad smell
(D) Meningitis
171. Which of the following suture material is ideal for approximating skin of face?
- (A) 6/0 Black braided silk
(B) 6/0 Polyamide
(C) 6/0 Monofilament nylon
(D) 6/0 Dyed catgut
172. Which of the following is considered as closed reduction and indirect skeletal fixation?
- (A) Intramedullary pinning
(B) Bone staples
(C) Circumferential straps
(D) Pin fixation
173. A child with a cleft lip is posted for surgery. Which method is not used for the repair of cleft lip?
- (A) Millard's method
(B) Wardill's method
(C) Tennison method
(D) Le Mesurier's method
174. Soft stainless steel wire used for eyelet wiring is of
- (A) 0.15 mm diameter stainless wire
(B) 0.25 mm diameter stainless wire
(C) 0.35 mm diameter stainless wire
(D) 0.45 mm diameter stainless wire
175. Myrhaug, 1951 described
- (A) Condylectomy
(B) Condylotomy
(C) Eminectomy
(D) Interpositional arthroplasty

176. Complication of condylar injury in children is
(A) Ankylosis (B) Disturbance of mandibular growth
(C) Both of the above (D) None of the above
177. Manipulation of nasal septum is done with
(A) Rowe's nasal disimpaction forcep (B) Walsham's forcep
(C) Asch's forcep (D) Murray's forcep
178. The medial canthal ligament is a strong band of fibrous tissue, which acts as the tendon of origin of the
(A) Inferior oblique (B) Inferior rectus
(C) Medial rectus (D) Orbicularis oculi
179. Timing of definitive surgical procedure for middle-third fracture is
(A) Early repair even in the presence of intracranial injury
(B) Fifth to eight post injury days
(C) Only after complete recovery from head injury
(D) After 14 days of middle-third fracture
180. The disadvantage of suspension wires in the treatment of middle-third fracture is
(A) Compression and post pull of segments
(B) Maxillary retrusion
(C) Diminished facial height
(D) All of the above
181. The 'Not true' statement about missile injuries of the mandible is:
(A) Fracture is invariably extensively comminuted
(B) Always compound and primarily contaminated by foreign matter
(C) Viability of bone fragments and the extent of injury to teeth can be accurately evaluated
(D) Fracture treatment is complicated by soft tissue injury
182. Correct sequence of callus formation in healing of bone is
(A) Anchoring callus, bridging callus, endosteal callus, uniting callus
(B) Endosteal callus, bridging callus, anchoring callus, uniting callus
(C) Anchoring callus, endosteal callus, bridging callus, uniting callus
(D) Uniting callus, anchoring callus, bridging callus, endosteal callus
183. Modified shock index is calculated using
(A) Heart rate/systolic blood pressure
(B) Heart rate/diastolic blood pressure
(C) Heart rate/mean arterial pressure
(D) Pulse rate/systolic blood pressure

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184. What is the most common thyroid malignancy?
(A) Papillary carcinoma (B) Follicular carcinoma
(C) Medullar thyroid carcinoma (D) Anaplastic carcinoma
185. In a patient with massive haemorrhage, damage control surgery is being performed. This consists
1. Arrest haemorrhage
2. Sepsis control
3. Protection from further injury
4. Performing immediate definite repair
5. Administering colloids for volume expansion
(A) 1, 2 and 5 (B) 1, 2, 3, 4 and 5
(C) 1, 2, 3 and 4 (D) 1, 2 and 3
186. Pott's puffy tumor is
(A) Subperiosteal abscess of frontal bone (B) Subperiosteal abscess of ethmoid bone
(C) Fibroma of frontal bone (D) Fibroma of ethmoid bone
187. Non-union of fracture may be due to all of the following except
(A) Bone necrosis on one side of fracture (B) Persistent moments
(C) Inadequate reduction (D) Metabolic factors
188. Bone graft is used clinically in
(A) Delayed and non-union fracture (B) Arthrodesis or arthrorisis
(C) Both of the above (D) None of the above
189. Following are the Indications of surgical treatment of residual deformities of zygomatic complex fracture except
(A) Paresthesia of infraorbital nerve for more than 12 months
(B) Mechanical obstruction to mandibular movements
(C) Difference between two molar prominence of more than 2 mm
(D) Diplopia with displacement of eye ball and orbital floor for 3 mm
190. What is renal threshold for glucose?
(A) 140 mg/dl (B) 160 mg/dl (C) 180 mg/dl (D) 200 mg/dl
191. Which of the following flap is used for closure of large oro antral communication?
(A) Ashley's flap (B) Burger flap
(C) Modified Rehrmann's flap (D) All of the above
192. As per the sliding scale, the dose of insulin to be followed intraoperatively when the sugar level is 180 to 250 mg % is
(A) Insulin 4 units in 5% dextrose (B) Insulin 8 units in 5% dextrose
(C) Insulin 8 units in normal saline (D) Insulin 14 units in 5% dextrose

193. Asymptomatic HIV Positive patients with CD4 counts less than 200 cells/mm can
(A) Undergo emergency surgery without antibiotics prophylaxis
(B) Undergo emergency surgery with antibiotics prophylaxis
(C) Undergo any dental treatment including implant surgery
(D) None of the above statements is correct
194. Which of the following cartilage has a signet ring shape?
(A) Thyroid cartilage (B) Cricoid cartilage
(C) Epiglottis (D) Arytenoids
195. Which of the following is the most common site for ossifying fibroma?
(A) Frontal sinus (B) Maxilla
(C) Mandible (D) Ethmoid
196. What is the use of hemostats?
(A) To hold delicate tissues
(B) To retract and hold the tissue margins while raising flap
(C) To do blunt dissection of the tissue
(D) None of the above
197. Hayton-William's forceps are used to
(A) Engage the maxilla behind tuberosity
(B) Spread the palate in case of collapse of palate
(C) Reduction of maxilla
(D) Manipulate the nasal fracture segments
198. Which of the following can be used as drains?
(A) Simple rubber catheter (B) Infant feeding tube
(C) Ryles tube (D) All of the above
199. The disadvantage of use of ethylene oxide gas sterilization is
(A) Heat sensitive articles like plastic, rubber cannot be sterilized
(B) It penetrates extremely well
(C) Can be used at low temperature
(D) Explosive and inflammable
200. Which of the following is not the content of the submandibular space?
(A) Submandibular lymph node
(B) Facial artery and vein
(C) Deep lobe of submandibular salivary gland
(D) All of the above
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SPACE FOR ROUGH WORK