

OPSC Medical Officer 2019 Previous Year Paper with Solutions

Q1. Which never passes through pronator teres muscle?

- (a) Musculocutaneous nerve
- (b) Ulnar nerve
- (c) Radial nerve
- (d) Median nerve

Q2. What passes through foramenovall?

- (a) Maxillary nerve
- (b) Ophthalmic nerve
- (c) Mandibularnerve
- (d) Facial nerve

Q3. Pineal gland is a part of

- (a) Dorsal thalamus
- (b) Epithalamus
- (c) Subthalamus
- (d) Metathalamus

Q4. Oesophagealepithelium is

- (a) Stratified squamous
- (b) Columnar
- (c) Columnar ciliated
- (d) Cuboidal

Q5. Left gonadal vein drains into

- (a) Left common iliac vein
- (b) Splenic vein
- (c) Left renal vein
- (d) Inferior Vena cava

Q6. Skeletal muscle weakness in Myasthenia Gravis is due to circulating antibodies to the

- (a) Muscarinic receptors
- (b) Nicotinic receptors
- (c) Both (a) and (b)
- (c) None of these

Q7. Fast pain sensation is transmitted through:

- (a) A delta fibres
- (b) Aalpha fibres
- (c) Fibres
- (d) None of these

Q8. G-34 Fragment of Gastrin has half life of

- (a) 5 minutes
- (b) 10 minutes
- (c) 15 minutes
- (d) 20 minutes

Q9. Asoft low pitched Third heart sound in many young individuals is due to:

- (a) Mitral stenosis
- (b) Mitral regurgitation
- (c) Aortic regurgitation
- (d) None of these

Q10. The principal neurotransmitter of the glomus cells of carotid and aortic body is

- (a) Glutamine
- (b) Serotonin
- (c) Dopamine
- (d) Noradrenaline

Q11. Which one of these is excreted in essentialpentosuria?

- (a) Ribose
- (b) Xylose
- (c) Ribulose
- (d) Xylulose

Q12. Methymlalonic aciduria occurs in the deficiency of which one

- (a) Thiamine
- (b) Biotin
- (c) vitamin B12
- (d) Pyridoxine

Q13. Which one inhibits the activity of hormone sensitive lipase

- (a) Insulin
- (b) Glucagon
- (c) Epinephrine
- (d) Thyroxine

Q14. Which one can interfere with glycosylation of VLDL?

- (a) Choline
- (b) Betaine
- (c) Orotic Acid
- (d) Selenium

Q15. Which is the most potent form ofHDL that induces cholesterol efflux from the tissues?

- (a) HDL1
- (b) HDL2
- (c) HOL3
- (d) Pre Beta HDL

Q16. Which complex of respiratory chains is inhibited by BAL?

- (a) Complex I
- (b) Complex II
- (c) Complex III
- (d) Complex IV

Q17. Which one of the enzymes uses molecular oxygen as a hydrogen acceptor

- (a) Catalase
- (b) Superoxide Dismutase
- (c) Cytochrome c Oxidase
- (d) Isocitrate Dehydrogenase

Q18. Which one is a ω 3 fatty acid

- (a) Palmitoleic acid
- (b) Linoleic acid
- (c) Timnodimic acid
- (d) Elaidic acid

Q19. Plasmalogen resembles which one

- (a) Phosphatidyl Choline
- (b) Phosphatidic Acid
- (c) Phosphatidyl Ethanolamine
- (d) Phosphatidyl Inositol

Q20. Which one is a potent CDK-cyclin inhibitor

- (a) P53
- (b) P63
- (c) P73
- (d) P21

Q21. If a drug is absorbed through skin what is the order of maximum percutaneous absorption of the drug from the given routes?

- (a) Posterior auricular > Scrotum > Scalp > Dorsum of hand > Plantar area :
- (b) Scalp > Scrotum > Posterior auricular > Dorsum of hand > Plantar area
- (c) Plantar area > Dorsum of hand > Scalp > Scrotum > Posterior auricular
- (d) Scrotum > Scalp > Posterior auricular > Dorsum of hand > Plantar area

Q22. Which of the following is a prodrug

- (a) Enalapril
- (b) Clonidine
- (c) Salmeterol
- (d) Acetazolamide

Q23. A patient presents to emergency with pin point pupil, salivation, lacrimation, tremors and bronchoconstriction. Plasma cholinesterase level was 30% of normal. Most probable diagnosis is:

- (a) Organophosphorus poisoning
- (b) Datura poisoning
- (c) Opioid poisoning
- (d) Pontine Haemorrhage

Q24. Which of the following drugs acts on trabecular meshwork and affects the aqueous outflow?

- (a) Timolol
- (b) Pilocarpine
- (c) Brimonidine
- (d) Brinzolamide

Q25. Which of the following is available as a patch for once daily use and is likely to provide steady drug levels to treat Alzheimer's disease?

- (a) Rivastigmine
- (b) Donepezil
- (c) Memantine
- (d) Galantamine

Q26. Nitric Oxide acts via:

- (a) cAMP
- (b) cGMP
- (c) Ca
- (d) K

Q27. Most effective non-habit-forming sedative is:

- (a) Lorazepam
- (b) Zolpidem
- (c) Flurazepam
- (d) Trazadone

Q28. Fosphenytoin is different from phenytoin in which of the following aspects?

- (a) Can be used in absence of seizures
- (b) Can be mixed with dextrose
- (c) Can be given orally
- (d) It is the drug of choice of myoclonic seizures

Q29. Which of the following is mostly likely to be effective against multidrug resistant strains of M. tuberculosis, including those resistant to streptomycin?

- (a) Amikacin
- (b) Clarithromycin
- (c) Gentamicin
- (d) Spectinomycin

Q30. Common dose dependent side effects of Ethambutol is :

- (a) Red urine
- (b) Optic neuritis
- (c) Nephropathy
- (d) Peripheral Neuropathy

Q31. Reed Sternberg cell in classic Hodgkin's lymphoma is characteristically positive for:

- (a) CD3 and CD7
- (b) CD15 and CD30
- (c) CD19 and CD20
- (d) CD45 and CD79a

Q32. Malignancy not associated with BRCA1 mutation is:

- (a) Breast Carcinoma
- (b) Ovarian Carcinoma
- (c) Carcinoma cervix
- (d) Carcinoma prostate

Q33. HbF is markedly increased in:

- (a) β - Thalassemia major
- (b) Sickle cell homozygous
- (c) β - thalassemia minor
- (d) Sickle cell heterozygous

Q34. All are opsonizing agents except

- (a) C3b
- (b) C5a
- (c) IgG
- (d) Plasma lectin

Q35. EGFR mutation is common in:

- (a) Squamous cell carcinoma lung
- (b) Adenocarcinoma lung
- (c) Small cell carcinoma lung
- (d) Carcinoid tumor of lung

Q36. Alfa- fetoprotein is raised in:

- A) Endometrial Carcinoma
- B) Yolk sac tumor
- C) Ung carcinoma
- D) Osteosarcoma

Q37. Alkaline phosphatase is markedly raised in:

- (a) Hepatocellular Jaundice
- (b) Obstructive Jaundice
- (c) Hemolytic Jaundice
- (d) Megaloblastic anemia

Q38. EBV virus is associated with all malignancy except

- A) Burkitt's lymphoma
- B) Hepatocellular carcinoma
- C) Nasopharyngeal carcinoma
- D) Hodgkin's lymphoma

Q39. Microcytic hypochromic blood picture seen in all except:

- (a) Iron deficiency anemia
- (b) Sideroblastic anemia
- (c) Thalassemia trait
- (d) Acute blood loss

Q40. Decompression sickness is an - example of:

- (a) Fat embolism
- (b) Amniotic fluid embolism
- (c) Thromboembolism
- (d) Air embolism

Q41. Which of the following article can be Sterilized by hot air oven ?

- (a) Culture media
- (b) Gloves
- (c) Aprons
- (d) Glasswares

Q42. Vector for endemic typhus is:

- (a) Louse
- (b) Rat flea
- (c) Tick
- (d) Mite

Q43. Pandemics of influenza are due to

- (a) Antigenic shift
- (b) Antigenic drift
- (c) P- Q- R variation
- (d) -D variation

Q44. Which immunoglobulin crosses placental barrier

- (a) IgM
- (b) IgG
- (c) IgA
- (d) IgE

Q45. Which of the following larval forms of Ankylostomaduodenale infect humans ?

- (a) Rhabditiform larvae
- (b) Filariform larvae
- (c) Third stage larvae
- (d) Miracidia

Q46. Cryptococcus neoformans has a prominent capsule composed of

- (a) Peptidoglycan
- (b) Lipopolysaccharide
- (c) Polysaccharide
- (d) Lipoteichoic acid

Q47. Secretory component of IgA is synthesized by

- (a) Plasma cell
- (b) Epithelial cells
- (c) B lymphocytes
- (d) T lymphocyte

Q48. Which is True regarding polio vaccine?

- (a) Salk vaccine is administered orally
- (b) Sabin's vaccine is a live attenuated vaccine
- (c) OPV in India is given in monovalent form
- (d) Sabin's vaccine is indicated in HIV infected individual

Q49. In partially treated case of enteric fever most appropriate sample for isolation of salmonella is

- (a) Blood
- (b) Urine
- (c) Bone marrow
- (d) CSF

Q50. A baby is born at full term with a petechial rash, low Birth weigh the pat splenomegaly and cataracts. Which of the following condition in the mother during pregnancy is most likely to have caused this clinical presentation

- (a) Cytomegalovirus
- (b) Group B streptococcus
- (c) Rubella virus.
- (d) Treponema pallidum

Q51. The most useful single indicator for the time of death during the first 24 hours post-mortem is

- (a) Rigor mortis
- (b) Liver mortis
- (c) Algor mortis
- (d) Post mortem decomposition

Q52. Perjury means giving wilful false evidence by a witness while under oath. The witness is liable to be prosecuted for perjury and the imprisonment may extend to seven years this falls under which section of IPC?

- (a) 190
- (b) 191
- (c) 192
- (d) 193

Q53. Science of studying fingerprints is :

- (a) Dermatographism
- (b) Dermatoglyphics
- (c) Dermatobraftism
- (d) Dermatistry

Q54. An irresistible desire to set fire to things:

- (a) Mutilomania
- (b) Kleptomania
- (c) Pyromania
- (d) Dipromania

Q55. 'Run Amok' is found in Poisoning with

- (a) Cannabis
- (b) Datura
- (c) Opium
- (d) Cocaine

Q56. Parkland formula for burns is for

- (a) Ringer lactate
- (b) Glucose saline
- (c) Normal saline
- (d) 25% dextrose

Q57. When a seat belt is worn, if an accident occurs, sudden deceleration can result in:

- (a) Rupture of mesentery
- (b) Liver injury
- (c) Spleen injury
- (d) Vertebral injury ne

Q58. Leading questions are permitted onlyin:

- (a) Examination-in-chief
- (b) Cross-examination
- (c) Dying decleration
- (d) Re-examination

Q59. Disputed paternity can be solved by using the following tests except:

- (a) Blood grouping
- (b) HAL typing
- (c) Precipitin test
- (d) DNA fingerprints

Q60. Gastric lavage is contraindicated in poisoning with

- (a) Kerosene
- (b) Arsenic
- (c) Organophosphorous
- (d) Dhatura

Q61. Barberio's test is done for

- (a) Blood
- (b) Urine
- (c) Saliva
- (d) Semen

Q62. Gas in great vessels of foetus indicates:

- (a) Foetal distress
- (b) Post-mature foetus
- (c) Foetal death
- (d) Premature foetus

Q63. Paraphilias are all except:

- (a) Incest
- (b) Transvestism
- (c) Frotteurism
- (d) Masochism

Q64. Most reliable test for identification of blood stain

- (a) Benzidine test
- (b) Spectroscopic test
- (c) Perception test
- (d) Haemin test

Q65. Following is NOT true about fresh waterdrowning:

- (a) Hyperkalemia
- (b) Ventricular fibrillation
- (c) Hemolysis
- (d) Hypovolemia

Q66. ILR temperature should be maintained at

- (a) +2°C to +8°C
- (b) #5°C to + 8°C
- (c) #1°C to +B°C
- (d) +2

Q67. HDI includes all except:

- (a) Mean years of schooling
- (b) Life expectancy at birth
- (c) Life expectancy at age 1
- (d) Gross national income per capita

Q68. Out of the 17 goals of SDG which goal is specifically devoted to health goal is specifically devoted to health

- (a) 5
- (b) 8
- (c) 3
- (d) 12

Q69. Which is the most initial step of investigation of an epidemic

- (a) Defining population at risk
- (b) Confirmation of existence of epidemic
- (c) Verification of diagnosis
- (d) Rapid search of all cases

Q70. Which of the following is a live vaccine

- (a) DPT vaccine
- (b) Hep B vaccine
- (c) Tetanus vaccine
- (d) Measles vaccine

Q71. API is:

- (a) Annual parasite index
- (b) Average parasite index
- (c) Animal parasite index
- (d) Annual Parasite Incidence

Q72. primaquine is contraindicated in

- (a) Adult with diabetes
- (b) Adolescents
- (c) Infants
- (d) Geriatrics

Q73. yellow fever vaccine starts protecting after how many days injection

- (a) 5 days
- (b) 7 days
- (c) 10 days
- (d) 14 days

Q74. Which of the following indices of obesity is height independent

- (a) Quetelet's index
- (b) Ponderal index
- (c) Brocas index
- (d) Corpulena index

Q75. WHO was established in

- (a) 1945
- (b) 1948
- (c) 1950
- (d) 1956

Q76. Horrock's apparatus estimates

- (a) Free chlorine
- (b) Combined chlorine
- (c) Both (a) and (b)
- (d) Chlorine demand

Q77. Exclusive breast feeding should contain till the age of

- (a) 4 months
- (b) 6 months
- (c) 8 months
- (d) 10 months

Q78. Denominator for maternal mortality ratio is

- (a) Total number of live births
- (b) Total number of infant deaths
- (c) Total number of under 5 deaths
- (d) Total no of women in reproduce live years

Q79. Which of the following is a water borne disease borne disease

- (a) Typhoid
- (b) Measles
- (c) Tuberculosis
- (d) Scabies

Q80. Principles of health education includes all except

- (a) Participation
- (b) Motivation
- (c) Reinforcement
- (d) Punishment

Q81. What microscopic test is done to confirm the diagnosis in superficial dermatophytosis

- (a) KOH mount
- (b) Gram stain
- (c) Skin smear for AFB
- (d) Tzanck smear

Q82. All the following topical therapy are used in psoriasis except

- (a) Mometaxone
- (b) Calcipotriol
- (c) Tazarotene
- (d) Terbinafine

Q83. A 20 years male is presented with tow hypo pigmented an aesthetic patch on back and one tender thickened right ulnar never all the following drugs can be used except

- (a) Dapsone
- (b) Prednisolene
- (c) Rifampicin
- (d) Piperacillin

Q84. Which cells are seen in Tzanck smear in a Pemphigus vulgaris patient

- (a) Sezary cells
- (b) Foam cells
- (c) Acantholytic cell
- (d) Giant cell

Q85. Which classification is used for Androgenetic Alopecia in man

- (a) Hamilton-Norwood
- (b) Hanifin-Rajka
- (c) Ridley-Jopling
- (d) Hutchison

Q86. signs-of raised intracranial tension in a child in a skull X-ray

- (a) Separation of sutures
- (b) Tense anterior Fontanelle
- (c) Silver beaten appearance of the bones
- (d) All of these

Q87. Basal Ganglia calcification is not seen in:

- (a) Wilson's disease
- (b) Berry aneurysm
- (c) Cysticercosis
- (d) Haemangioma

Q88. Commonest cause of intracranial calcification in adult is

- (a) Pineal Calcification
- (b) Intracranial Calcification
- (c) Meningioma
- (d) Tuberculoma

Q89. suprasellar calcification is seen in

- (a) Craniopharyngioma
- (b) Meningioma
- (c) Pineal calcification
- (d) Cysticercosis

Q90. In brain infarct, MRI may be Negative upto:

- (a) 2-4 hours post ictus
- (b) 8 to 16 hours
- (c) 16-32 hours
- (d) Up to 72 hours

Q91. What happens in mandibular fracture cases?

- (a) Apnea
- (b) Occlusal derangement
- (c) Cyanosis
- (d) Dyspnea

Q92. Abnormal coagulation time will occur in patients with

- (a) Hemangioma
- (b) Hemophilia
- (c) Thalassemia
- (d) Von Willebrand diseases

Q93. Myofascial pain dysfunction syndrome there is a tenderness about which muscles?

- (a) Masseter
- (b) Medial pterygoid
- (c) Temporalis
- (d) Lateral pterygoid

Q94. Most common malignancy of oral cavity is

- (a) Basal cell carcinoma
- (b) Transitional cell carcinoma
- (c) Melanoma
- (d) Squamous cell carcinoma

Q95. Trismus associated with lateral a pharyngeal space related to irritation of the —

- (a) Medial pterygoid
- (b) Lateral pterygoid muscles
- (c) Masseter muscle
- (d) Medial constrictor of pharynx

Q96. All are true about Wolff-Parkinson White syndrome except:

- (a) More common in females
- (b) Delta wave in ECG
- (c) HIS bundle study is done for OS diagnosis
- (d) Can occur in normal heart

Q97. Blood pressure is difficult to measure in patient with :

- (a) Mitral stenosis
- (b) Aortic stenosis
- (c) Complete heart block
- (d) Atrial fibrillation

Q98. Drug of choice in maintenance of PSVT

- (a) Amiodarone
- (b) Lidocaine
- (c) Verapamil
- (d) Adenosine

Q99. CSF glucose is:

- (a) Half the plasma glucose
- (b) 1/3rd plasma glucose
- (c) 2/3rd plasma glucose
- (d) Same as plasma glucose

Q100. type of sensation lost on same side in Brown Sequard syndromes:

- (a) Pain
- (b) Touch
- (c) Proprioception
- (d) Temperature

Q101. In Parkinsonism, which is not present?

- (a) Tremors at rest
- (b) Post pointing
- (c) Akinesia
- (d) Rigidity

Q102. Addison's disease is characterized by all except:

- (a) Hyperglycemia
- (b) Hypotension
- (c) Hyperkalemia
- (d) Hyponatremia

Q103. Microalbuminuria refers to urinary albumin excretion rate :

- (a) 30-300 mg/day
- (b) 400-600 mg/day
- (c) 700-900 mg/day
- (d) >100 mg/day

Q104. A 45year oldmanknown case of | chronic renal failure develops 'rigger jersy' spine. The probable cause is:

- (a) Aluminum intoxication
- (b) Secondary hyperparathyroidism
- (c) {C} Osteoporosis 22
- (d) Osteomalacia

Q105. Characteristic ECG finding of pulmonary embolism:

- (a) Sinus tachycardia
- (b) S1Q3T3
- (c) T wave inversion
- (d) Epsilon waves

Q106. Caplan syndrome is pneumoconiosis with :

- (a) Lymphadenopathy
- (b) Congestive cardiac failure
- (c) Rheumatoid arthritis
- (d) HIV

Q107. Curschmann's spirals in sputum is seen in

- (a) Tuberculosis cavity
- (b) Asthma
- (c) Bronchitis
- (d) Bronchiectasis

Q108. The most frequent location for spider angiomata in cirrhosis

- (a) Abdomen
- (b) Back
- (c) Neck and shoulders
- (d) Upper and lower extremities

Q109. In PeutzJegher's syndrome, polyps are seen in:

- (a) Colon
- (b) Rectum
- (c) Small bowel
- (d) Stomach

Q110. Charcot's joint in diabetes affects a commonly:

- (a) Shoulder joint
- (b) Knee joint
- (c) Hip joint
- (d) Tarsal join

Q111. in Rheumatoid arthritis, pathology starts from:

- (a) Articular cartilage
- (b) Capsule
- (c) Synovium
- (d) Muscle

Q112. Absolute indication for dialysis are all except

- (a) Persistent hyperkalemia
- (b) CCF
- (c) Pulmonary edema
- (d) Hyperphosphatemia

Q113. Anemia of advanced renal insufficiency is best treated by:

- (a) Blood transfusions:
- (b) Recombinant human erythropoietin
- (c) Parenteral iron therapy
- (d) Folic acid supplementation

Q114. Polycythemia is commonly seen in

- (a) Congestive cardiac failure
- (b) Hereditary spherocytosis
- (c) Chronic cor pulmonale
- (d) Uncomplicated ASD

Q115. Commonest site of lytic lesion in multiple myeloma

- (a) Vertebral column
- (b) Femur
- (c) Clavicle
- (d) Pelvis

Q116. Tolvaptan is useful for:

- (a) Hyponatremia
- (b) Hypernatremia
- (c) Nephrogenic diabetes mellitus
- (d) Decreased water clearance

Q117. Mineral which activates action of

- (a) Selenium
- (b) Zinc
- (c) Chromium
- (d) Copper

Q118. In Marfan's syndrome there is defect in protein:

- (a) Collagen
- (b) Elastin
- (c) Fibrillin
- (d) All of these

Q119. Paradoxical breathing is characteristic of:

- (a) Pneumonia
- (b) Pneumothorax
- (c) Atelectasis
- (d) Flail chest

Q120. Electric alternans is seen in:

- (a) Cardiac tamponade
- (b) Restrictive cardiomyopathy
- (c) Constrictive pericarditis
- (d) Right ventricular myocardial infarction

Q121. All are the causes of pseudotumor cerebri EXCEPT

- (a) Nalidixic acid
- (b) Diabetes ketoacidosis
- (c) Hypoparathyroidism
- (d) Acetazolamide

Q122. Shakir tape is used by health worker to measure:

- (a) Head circumference
- (b) Arm span
- (c) Midarm circumference
- (d) Standing height

Q123. Upper segment and lower segment of a child become equal at the age of

- (a) 3 yrs
- (b) 1 yr
- (c) 8 yrs
- (d) 10 yrs

Q124. Palmo mental reflex is seen in lesion

- (a) Frontal lobe
- (b) Parietal lobe
- (c) Temporal lobe
- (d) Occipital lobe

Q125. RETCAM Screening in Newborn is done to detect

- (a) Inborn error of metabolism
- (b) Osteopenia of prematurity
- (c) Retinopathy of prematurity
- (d) Fetomaternal blood transfusion

Q126. NESTROF test is used for screening of

- (a) Hereditary spherocytosis
- (b) Thalassemia trait
- (c) Sick cell anaemia
- (d) G6PD deficiency

Q127. MARSH histopathological grading is used to diagnose which disease?

- (a) Tropical sprue
- (b) Celiac disease
- (c) Crohn's disease
- (d) Ulcerative colitis

Q128. Aspirin is associated with:

- (a) Reiter syndrome
- (b) Reye's syndrome
- (c) Sjogren's syndrome
- (d) Budd-chiari syndrome

Q129. Under IMNCI programme, inpatient health facility, all of the following are general danger signs EXCEPT

- (a) Convulsion
- (b) Difficulty breathing
- (c) Vomiting
- (d) Lethargy

Q130. In children renal failure in terms of urine output using pRIFLE criteria is

- (a) <0.3 ml/kg/hr
- (b) <0.5 ml/kg/hr
- (c) <0.8 ml/kg/hr
- (d) < 1 ml/kg/hr

Q131. Carcinoid tumours of gastrointestinal tract are most common in

- (a) Esophagus
- (b) Rectum
- (c) Appendix
- (d) Stomach

Q132. Which of the following is most common manifestation of left sided colonic cancer?

- (a) Anaemia
- (b) intestinal obstruction
- (c) Alteration in bowel habits
- (d) Melena

Q133. Hirschsprung's disease in young adults is best diagnosed by:

- (a) Barium enema
- (b) Colonic transit time
- (c) Anal manometry
- (d) Rectal biopsy

Q134. Which of these is most common anomaly of gall bladder?

- (a) Duplication of gall bladder
- (b) Bilobar gall bladder
- (c) Hourglass gall bladder
- (d) Phrygian cap

Q135. The left gastric vein mainly drains into:

- (a) Portal vein
- (b) Superior mesenteric vein
- (c) Splenic vein
- (d) Into spleen through short gastric veins

Q136. Blumer's shelf is

- (a) Peritoneal metastasis palpable by rectal examination
- (b) Supraclavicular lymph node
- (c) Periumbilical lymph node
- (d) Ovarian mass dropping into Pelvis

Q137. Most common malignant gastric neoplasms is

- (a) Squamous cell carcinoma
- (b) Lymphoma
- (c) Adenocarcinoma
- (d) Carcinoid tumors

Q138. Dominant symptom of fat embolism is:

- (a) Respiratory failure
- (b) Renal failure
- (c) Hepatic failure
- (d) Cardiovascular failure

Q139. Which of the following vessel drain(s) into IVC ?

- (a) Splenic vein
- (b) SMV
- (c) IMV
- (d) Renal veins

Q140. 45 years male has history of pain abdomen, vomiting distension abdomen for 7 days following a bout of alcohol. There is a lump in the epigastrium. Most likely diagnosis is:

- (a) Acute pancreatitis with pseudo cyst
- (b) Acute pancreatitis with acute fluid collection
- (c) Acute pancreatitis with pancreatic ascites
- (d) Acute pancreatitis with pancreatic abscess

Q141. Nasal intubations is contraindicated

- (a) Head injuries
- (b) Facio-maxillary injury
- (c) Thoracic injuries
- (d) Abdominal Injury

Q142. Systemic inflammatory response syndrome comprises all of the following except:

- (a) Rectal temperature $> 38^{\circ}\text{C}$ or $< 36^{\circ}\text{C}$
- (b) Heart rate $> 90/\text{minute}$
- (c) Loss of body weight
- (d) Respiratory rate $> 20/\text{minute}$

Q143. Following massive blood transfusion deficiency occurs of all of the following except

- (a) Clotting factor V
- (b) Clotting factor VII
- (c) Platelets
- (d) Leukocytes

Q144. Which of the following statements "about blood storage at $2-6^{\circ}\text{C}$ after 21 days is incorrect?

- (a) Platelets remain viable
- (b) pH is 6.71
- (c) Potassium increases to 20 millimoles
- (d) Erythrocyte viability decreases to 70-80%

Q145. Hand washing was introduced in patient care by:

- (a) Joseph Lister
- (b) William Halsted
- (c) Philip Ignaz Semmelweis
- (d) Harvey Cushing

Q146. Which one of the following is not essential amino acid

- (a) Alanine
- (b) Lysine
- (c) Tryptophan
- (d) Valine

Q147. Regarding diverticular disease of colon false statement is

- (a) Are mostly asymptomatic
- (b) 25% complicate as perforation obstruction fistulisation
- (c) Bleeding usually stops automatically
- (d) Disease of young age

Q148. Regarding patient with rigid abdomen and free air under diaphragm the possible diagnosis will be:

- (a) Peptic ulcer perforation
- (b) Liver injury with bile duct trauma
- (c) Grade III splenic injury
- (d) Pancreatic injury with duct disruption

Q149. In a male child of 7 years which of the following hernia is the commonest?

- (a) Indirect inguinal hernia
- (b) Direct inguinal hernia
- (c) Femoral hernia
- (d) Bilateral hernia

Q150. Murphy's sign is positive in

- (a) Acute appendicitis
- (b) Chronic cholecystitis
- (c) Peptic ulcer perforation
- (d) Acute cholecystitis

Q151. Easily Broken Bone Blue sclera - Joint Laxity - Otosclerosis. These are seen in:

- (a) Arthrogyria Multiplex Congenita
- (b) Diaphyseal Achalasia
- (c) Osteogenesis Imperfecta
- (d) None of these

Q152. Musculoskeletal abnormalities present in Neurofibromatosis

- (a) Hypertrophy of limb
- (b) Scoliosis
- (c) Pseudoarthrosis
- (d) All of these

Q153. Commonest site of skeletal tuberculosis

- (a) Tibia
- (b) Radius
- (c) Humerus
- (d) Vertebra

Q154. Which of the following Tumour arises form Epiphysis

- (a) Osteosarcoma
- (b) Ewing's sarcoma
- (c) Osteoclastoma
- (d) Multiple myeloma

Q155. Rupture of extensor pollicis longus tendon can be seen as complication of

- (a) Scaphoid #
- (b) Galeazzi #
- (c) Colle's #
- (d) Chauffeur's #

Q156. Bennett's # dislocation is base of which metacarpal

- (a) Fourth
- (b) Third
- (c) Second
- (d) First

Q157. Pointings index is seen in which nerve palsy?

- (a) Ulnar
- (b) Median
- (c) Radial
- (d) Axillary

Q158. Syme's Amputations is

- (a) Through Tibia and Fibula
- (b) Through the ankle joint
- (c) Through Tarsometatarsal joint
- (d) Through the Knee joint

Q159. Finkelstein's test done for

- (a) Trigger finger
- (b) Carpal Tunnel syndrome
- (c) Dequervein's disease
- (d) Tennis elbow

Q160. Cotton's # is

- (a) # Medial Malleolous
- (b) #Lateral Malleolous
- (c) # Posterior Malleolous
- (d) All of these

Q161. Which statement is true of epistaxis in children? |

- (a) Bleeding occurs from Kessel bach's plexus present in a dangerous area of nose due to tumor
- (b) Bleeding occurs from Kessel bach's plexus present in 'dangerous area of face due to vestibulitis
- (c) Bleeding occurs. from Kessel bach's plexus present in little area due to nose pricking
- (d) Bleeding occurs from Woodruff plexus present in posterior part of nasal septum due to adenoid

Q162. In tympanomastoid (unsafe) type of C.S.O.M

- (a) There is central perforation and foul smelling purulent otorrhoea
- (b) There is posterior superior a 'perforation and mucopurulent otorrhoea
- (c) There is total perforation with mucoid otorrhoea
- (d) There is attic perforation and foul smelling otorrhoea

Q163. In quinsy there is collection of pus in

- (a) Retropharyngeal space
- (b) Parapharyngeal space
- (c) Peritonsillar space
- (d) Submental triangle

Q164. Gradenigosyndrome comprises of

- (a) VII nerve palsy, Retro orbital Pain and otorrhoea
- (b) VI nerve palsy, Retro orbital Pain and otorrhoea
- (c) V nerve palsy, absent corneal Reflex and Otorrhoea
- (d) X nerve palsy, Retro orbital Pain and otorrhoea

Q165. Hoarseness of voice is the earliest symptom of

- (a) Supraglottic Carcinoma
- (b) Glottic Carcinoma
- (c) Subglottic Carcinoma
- (d) Hypopharyngeal Carcinoma

Q166. Which of the following will be the most important adjuvant therapy in case of fungal corneal ulcer?

- (a) Atropine eye drops
- (b) Dexamethasone eye drops
- (c) Pilocarpine eye drops
- (d) Lignocaine eye drops

Q167. Areas of focus in Vision 2020 are all except

- (a) Strengthening advocacy
- (b) Promotion of integrated eye health policies
- (c) Building effective partnership across multiple sectors
- (d) Integrated programmes for non-preventable blindness

Q168. A 55 year old patient complains of decreased distance vision. However, a now he does not require his near glasses for near work. The most likely cause is

- (a) Posterior subcapsular cataract
- (b) Zonular cataract
- (c) Nuclear sclerosis
- (d) Anterior subcapsular Cataract

Q169. A woman complains of coloured halos around lights in the evening with nausea and vomiting IOP is by normal Diagnosis is:

- (a) Incipient stage, open angle glaucoma
- (b) Prodromal stage, angle closure glaucoma
- (c) Migraine
- (d) Cluster headache

Q170. Malignant glaucoma is seen in:

- (a) Malignancy
- (b) After surgery for cataract or glaucoma
- (c) Trauma
- (d) Thrombosis

Q171. The Regimen that is followed in expectant management of placenta praevia

- (a) Liley's
- (b) Crider's
- (c) Macafee and Johnson
- (d) Brandt-Andress

Q172. At 32 weeks pregnant women present with mild contraction and on examination her vitals are stable Placenta praevia type III is present best management is

- (a) Bed rest + Dexamethasone
- (b) Bed rest + Nifedipine + Dexamethasone
- (c) Bed rest + Sedation
- (d) Immediate cesarean section

Q173. Most common cause of Postpartum hemorrhage is

- (a) Uterine atony
- (b) Retained products
- (c) Trauma
- (d) Bleeding disorders

Q174. In which of the following conditions the medical treatment of Ectopic pregnancy is contraindicated ?

- (a) Sac size 3 cm
- (b) Blood in pelvis 70 ml
- (c) Presence of fetal heart activity
- (d) Previous ectopic pregnancy

Q175. The following is always an indication of LSCS except :

- (a) Abruptio placenta
- (b) Untreated stage I Ca cervix
- (c) Active primary genital herpes
- (d) Type IV placenta praevia

Q176. In which stage of ca cervix hydro nephrosis is seen

- (a) Stage 2A
- (b) Stage 3A
- (c) Stage 3B
- (d) Stage 4A

Q177. Staging of cervical cancer is based on

- (a) Chest X ray
- (b) MRI
- (c) Clinical examination
- (d) CT scan

Q178. Which is the strongest support of uterus

- (a) Levator ani
- (b) Perineal body
- (c) Macendrot ligament
- (d) Round ligament

Q179. What is the most common secondary change in fibroid?

- (a) Hyaline degeneration
- (b) Cystic degeneration
- (c) Red degeneration
- (d) Fatty degeneration

Q180. All are associated with increase risk of fibroid uterus except:

- (a) High fat diet
- (b) Family history
- (c) Nulliparity
- (d) Smoking

Q181. To avoid contraception DMPA is given

- (a) Monthly
- (b) 3 monthly
- (c) 6 monthly
- (d) Yearly

Q182. Among the following IUCD which has life span for 10 years

- (a) Cu T380A
- (b) Cu T 200
- (c) Nova T
- (d) Multiload

Q183. Ideal contraceptive for Lactation mother

- (a) Barrier method
- (b) Combined OCP
- (c) Lactational amenorrhea
- (d) Progesterone only pill

Q184. Best investigation to assess tubal patency

- (a) Rubin's test
- (b) HSG
- (c) Laparotomy
- (d) Laparoscopic chromopertubation

Q185. According to WHO the minimum Normal sperm count in

- (a) 10 million / ml
- (b) 20 million / ml
- (c) 40 million / ml
- (d) 60 million / ml

Q186. A known case of heart disease delivered by NVD following which there occurs PPH. which of the following drugs is contraindicated in this case

- (a) Methylergometrine
- (b) Oxytocin
- (c) Misoprostol
- (d) Carboprost

Q187. Which of the following is not feature of HELLP syndrome

- (a) Hemolysis
- (b) Eosinophilia
- (c) Elevated liver enzyme
- (d) Thrombocytopenia

Q188. A multigravida for ANC at 38w 6d appear pale and on performing a Hb% it was found to be 6g%. What line of management should you give

- (a) Continue with oral iron she is taking
- (b) Start with intravenous iron sucrose
- (c) Start with intravenous FCM
- (d) Arrange for blood transfusion

Q189. All can be used to lower to child HIV spread Except:

- (a) Elective LSCS
- (b) ART
- (c) Omitting ergometrine
- (d) Nevirapine to neonate

Q190. Caudal regression syndrome may be found in babies of mother having

- (a) Cardiac disease
- (b) Thyroid Disease
- (c) Diabetes
- (d) Anemia

Q191. As per A. S. A. classification on otherwise healthy patient with current smoking history belongs to

- (a) A.S.A - I
- (b) A.S.A - II
- (c) A.S.A - III
- (d) A.S.A - IV

Q192. While visualizing the intraoral structures on maximal mouth opening if the tip of the epiglottis is visible then, which of the following grades as per the Mallampati Score, will be assigned to

- (a) Grade 0
- (b) Grade 1
- (c) Grade 2
- (d) Grade 3

Q193. 'STOP-BANG' Questionnaire is used to assess

- (a) P.O.N.V
- (b) Post-operative pain
- (c) Sleep apnoea
- (d) P.O.G.D

Q194. The correct capacity of a 'E' type oxygen cylinder is one of the following

- (a) 170 litres
- (b) 340 litres
- (c) 680 litres
- (d) 1360 litres

Q195. The complications following the use of succinylcholine include all the following except

- (a) Hyperkalemia
- (b) Increased intra ocular pressure
- (c) Post-operative myalgia
- (d) Fasciculation in young children and elderly patients

Q196. Delusion is a disorder of

- (a) Thinking
- (b) Perception
- (c) Memory
- (d) Emotion

Q197. Pseudohallucination is a disorder of

- (a) Emotion
- (b) Perception
- (c) Thinking
- (d) Abstract thinking

Q198. Bleuler's Concept Schizophrenia is characterized by all except

- (a) Ambivalence
- (b) Autistic thinking
- (c) Alogia
- (d) Association disturbances

Q199. CAGE diagnostic criteria are meant for diagnosis of

- (a) Schizophrenia
- (b) Depression
- (c) Mania
- (d) Alcohol dependence syndrome

Q200. Early morning awakening of sleep characteristic of

- (a) Depression
- (b) Mania
- (c) Schizophrenia
- (d) Anxiety disorder

Answers Key

1	D	31	B	61	D	91	B	121	D	151	C	181	B
2	C	32	C	62	C	92	B	122	C	152	D	182	A
3	B	33	A	63	A	93	A	123	D	153	D	183	D
4	A	34	D	64	B	94	D	124	A	154	C	184	B
5	C	35	B	65	D	95	C	125	C	155	C	185	B
6	B	36	C	66	A	96	A	126	B	156	D	186	A
7	A	37	B	67	C	97	D	127	B	157	B	187	B
8	D -> 36 Min	38	B	68	C	98	C	128	B	158	B	188	D
9	B	39	D	69	C	99	C	129	D	159	C	189	C
10	C	40	D	70	D	100	C	130	B	160	D	190	C
11	D	41	D	71	A	101	B	131	A	161	C	191	B
12	C	42	B	72	C, New Guideline -> D	102	A	132	C	162	D	192	B
13	A	43	A	73	C	103	A	133	D	163	C	193	C
14	C	44	B	74	D	104	B	134	D	164	B	194	C
15	D	45	B	75	B	105	B	135	A	165	B	195	C
16	C	46	C	76	D	106	C	136	A	166	B	196	B
17	B	47	A	77	B	107	B	137	C	167	D	197	B
18	C	48	B	78	A	108	C	138	A	168	C	198	C
19	B	49	C	79	A	109	A	139	D	169	B	199	D
20	D	50	A	80	B	110	D	140	B	170	B	200	A
21	D	51	C	81	A	111	C	141	B	171	C		
22	A	52	D	82	D	112	B	142	C	172	D		
23	A	53	B	83	D	113	B	143	B	173	A		
24	B	54	C	84	C	114	C	144	A	174	C		
25	A	55	A	85	A	115	A	145	C	175	C		
26	B	56	A	86	D	116	A	146	A	176	C		
27	D	57	A	87	B	117	B	147	D	177	B		
28	B	58	B	88	A	118	C	148	A	178	C		
29	B	59	C	89	A	119	D	149	A	179	A		
30	B	60	A	90	A	120	A	150	D	180	D		