

FMGE 2020 RECALL QUESTIONS

1. A female who is working and pregnant what will be her daily caloric requirement
 - a. 2100
 - b. 2400
 - c. 2600
 - d. 3100
2. A mother complains that her baby is not drinking properly from breast and now complaints of pain and swelling of the breast. probable condition
 - a. Breast abscess
 - b. Mastitis
 - c. Breast engorgement
 - d. sore nipple
- 3.
4. Regular monitoring of visual acuity and fundus examination is required when patient is being treated with the following DMARD?
 - a. **Hydroxychloroquine**
 - b. Methotrexate
 - c. Sulfasalazine
 - d. Leflunomide
5. Auspitz sign seen in ?
 - a. Pemphigus vulgaris
 - b. **Psoriasis vulgaris**

- c. Pustular psoriasis
 - d. DLF
6. child seizures treatment
7. image
- a. Oesophagal Ca
 - b. achalsia cardia**
 - c. oesophagal spasm
 - d. oesophagal adenoca
8. A baby at 9 to 10 month develops which curvature in vertebral spine
- a. Secondary curvature at cervical spine
 - b. secondary curvature at thoracic spine
 - c. secondary curvature at lumbar spine**
 - d. secondary curvature at sacral spine
9. Ductus arteriosus develops from which pharyngeal arch artery
- a. 3
 - b. 4
 - c. 5
 - d. 6**

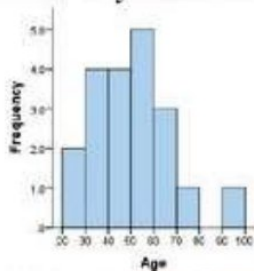
10. Patient underwent removal of left submandibular salivary gland and lingual nerve was damaged. which of the following statements is not correct
- a. Sublingual gland secretions are reduced
 - b. anterior 2/3 tongue taste sensation is lost
 - c. sensation at the floor of mouth lost
 - d. **tongue deviated to left side**
11. A pregnant female presented with burning micturition. A diagnosis of cystitis was made. Which of the following drug will you use for treatment?
- a. **Amoxycillin**
 - b. TMP-SMX
 - c. Ciprofloxacin
 - d. Doxycycline
12. Patient has pain in the facial nerve distribution while chewing and speaking. Which of the following drug should be given for the treatment?
- a. Lamotrigine
 - b. **Carbamazepine**
 - c. Phenobarbitone
 - d. Haloperidol
13. which is strongest emotion
- a. Anger
 - b. Fear
 - c. Hate
 - d. Love
14. parkinsonism which not useful
- a. rivastigmine
 - b. carbidopa

- c. pramipexole
 - d. brain stimulation
15. Posterior tibial artery pulse is felt
- a. **Between medial malleolus and medial border of tendo calcaneus in inversion**
 - b. between medial malleolus and medial border of tendo calcaneus in eversion
 - c. between medial malleolus and lateral border of tendo calcaneus in inversion
 - d. between medial malleolus and lateral border of tendo calcaneus in eversion
16. Healthful school initiative
- a. Desk minus
 - b. light form front of school
 - c. 5sq feet
17. a patient with Myocardial Infarction..!! findings were there like... myoglobin , ckmb, troponin t... what esle can be seen..??? .
- a. Ldh 1
 - b. Idh2
 - c. Idh 3
 - d. Idh 4....
18. Ulcer "with overhanging / undermined edges" in the neck region as shown in the image given below. Diagnosis?



- a. Tubercular lymph node
 - b. Malignant Cervical lymphadenopathy
 - c. Syphilis
 - d. Reactive lymphadenopathy
19. Ct scan of liver.. they marked something... wt the ans
- a. hepatic VEIN
 - b. HEAPTIC ARTERY
 - c. PORTAL VEIN
 - d. IVC
20. Minimum number of antenatal visits required
- a. 5
 - b. 2
 - c. 3
 - d. 4
21. A man came for master checkup after his father had a cerebrovascular accident due to hypertension. what type of prevention
- a. Primordial

- b. primary
 c. secondary
 d. tertiary
22. Identify the statistically diagram shown below (here is blood pressure frequency in question.also)



- a. Bar diagram
 b. histogram
 c. frequency polygon
 d. scatter diagram
23. Identify the logo shown below



- a. Agmark
 b. PFA standards
 c. ISI standards
 d. Bureau of Indian standards (BIS)
24. child can not do pronation and supination ...

a. Ossificans

25. due to some reason a patient was hyperventilating...what will develop

a. respiratory alkalosis

b. respiratory acidosis

c. metabolic alkalosis

- d. metabolic acidosis..
26. A child took several tablets of iron. What is the antidote for poisoning?
a. **Desferrioxamine**
b. Penicillamine
c. BAL
d. EDTA
27. Pharyngeal pouch common Location?
a. middle and inferior constrictor.
28. a patient brought father to hospital checkup nd he had cardiac arrest cause of hypertension I.....
a. secondary
b. primary tertiary???
29. MTP alone is not sufficient
a. Contraception failure
b. Life threatening ds
c. Child with possibility of hand problem..
30. Identify the condition shown in the image ?



- a. Malignant melanoma
 - b. BCC
 - c. Squamous cell carcinoma
 - d. Nevus
31. Newborn health mission component do not include
- a. Target of infant mortality to double digit by 2030
 - b. PRECONCEPTION
 - c. antenatal care
 - d. postnatal visits
32. IUD image
- 
- a. Cu 200
 - b. Cu 200 T
 - c. Cu 380 A
 - d. Cu T 380A
33. according to WHO which eye should be corrected ??
- a. <1/60 better eyes
 - b. <3/60 better eyes
 - c. <3/60 blindness eye
 - d. <1/60 blindness eye
34. If you were head of NVBDCP , malarthion spray frequency will be
- a. once very fortnight
 - b. once every 3 months
 - c. twin every 3 months
 - d. once a month
35. in case of who notifiable disease, who how much time taken to inform
- a. 12/72
 - b. 24
 - c. 36
 - d. 48hr

36. least iron content is present in
- beans
 - milk
 - spinach
 - liver
37. A nurse spilled blood on floor. what can be used to disinfect it
- cresol
 - 70% ethyl alcohol
 - 2% glutaraldehyde
 - 1% sodium hypochlorite
38. In a flight accident 12 people died, 50 people seriously injured, ... People moderately injured, ... , Triage in sequence..?Triage under disaster management colour coding highest to lowest category is
- green - yellow- red-black
 - Yellow-red - green -black
 - Green- yellow-red-black
 - Red-yellow-Green-Black
39. It was a girl i feel and after exams she was experiencing and auditory hallucinations n delusion of persecution and reference...Very suggestive of Schizo but the time was only 2 weeks
- Acute Psychotic Disorder....
 - Adjustment disorder was also an option
40. Which mineral deficiency can lead to following condition?



- Zinc**
- Iron

- c. Calcium
 - d. Vitamin A
41. a 17year old girl unmarried, secondary amenorrhea, no other complications and no previous history, what is the reason..??
- a. **beta hcg**
 - b. progesterone
 - c. human placental lactogen
 - d. estrogen
42. A elderly patient had developed rigidity bradykinesia (features suggestive of parkinson) which drug u will not given to the patient
- a. Rivastigmine
 - b. ropinrole
 - c. carbidopa
 - d. Anti cholinergic drug
43. An women came with history of fatigue. on blood examination macrocytic hypochromic anemia. On further examination she has increased homocysteine and normal schillings test what is the diagnosis
- a. Folic acid and B12 deficiency
 - b. Folic acid deficiency
 - c. B6 deficiency
44. 150/90 mmhg which antihypertensive drug is first choice
- a. amlodipine
 - b. thiazides
 - c. atenolol
 - d. bisoprolol
45. Cutaneous horn as shown in the image is associated with which of the following skin cancer?



- a. Squamous cell carcinoma
- b. Melanoma
- c. BCC
- d. Actinic keratosis

46. Which organism is responsible for causing erysipelas ?

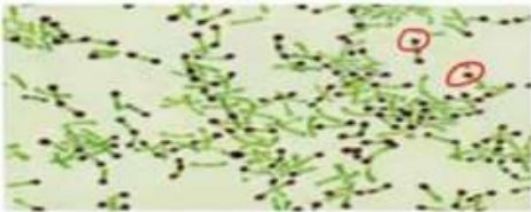


- a. Streptococcus
- b. Staphylococcus
- c. Bacteroides
- d. Fungus

47. Blood spill - 1 percent sodium hypochlorite is used

48. HIV patient with cough > 2 weeks.. Next step was asked

- a. CBNAAT
 - b. CXR
 - c. Smear
 - d. Tuberculin testing
49. Syphilis affects which part of the nose
- a. Bony septum
 - b. lateral nose
 - c. floor
50. Identify the probable etiological agent from the skin finding given below
- a. **Chicken pox**
 - b. HSV
 - c. HPV
 - d. Measles
51. A ct was given and which was marked structure
- a. Pons
 - b. Medulla?
52. A person having history of angina and heart rate of 90 beats per min and has tense personality developed blood pressure of 150/125. The preferred drug for treatment of hypertension in this person is?
- a. Enalapril
 - b. Amlodipine
 - c. **Atenolol**
 - d. Thiazides
53. A Man Came to India, After Returning back How many Day's Should he take the Drug For Prophylaxis
- a. 4 week

- b. 7 Days
 - c. 15 Day's
 - d. 3 day's Or So Option
54. Albert staining demonstrating corynebacterium diphtheriae & volution granules
- 
55. A 6 year old girl is brought into the office for evolution of a sore throat and fever which she has had for approximately 4 days she is an immigrant has not had much medical care in her life, and her immunization status is unknown
- a.
56. What is fastest method for Cryptococcal Meningitis
- a. Indian Ink
 - b. latex card agglutination test
 - c. PCR
57. Prophylaxis of malaria
- a. Doxycycline daily
 - b. Mefloquine weekly
58. Incubation of various plasmodium
- a. 12 days
 - b. 14 days
 - c. 17 days

d. 28 days

59. Plasmodium falciparum banana shaped gametocyte



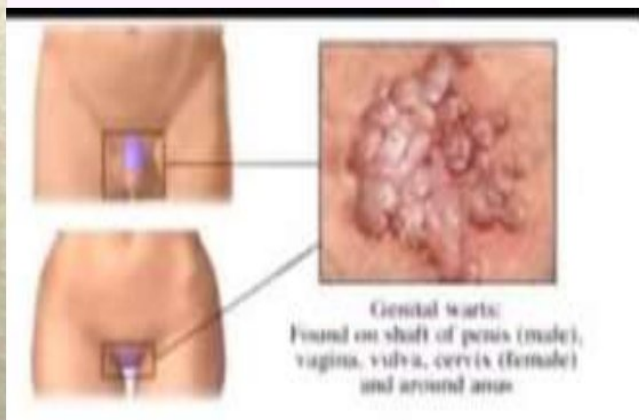
60. child characterized by oral and pharyngeal ulcerations & vesicular rashes of palms and soles which heal without crusting



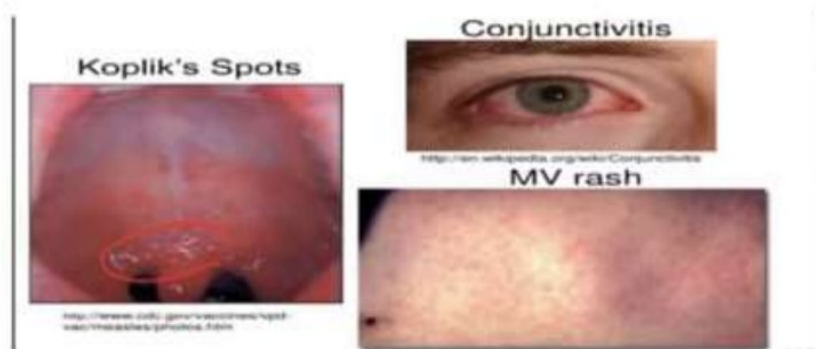
61. A 5 year old child complains of cough, runny nose (coryza) and conjunctivitis, physician notices small white lesions inside the patient mouth , next day red rash covered his face and neck

a. d

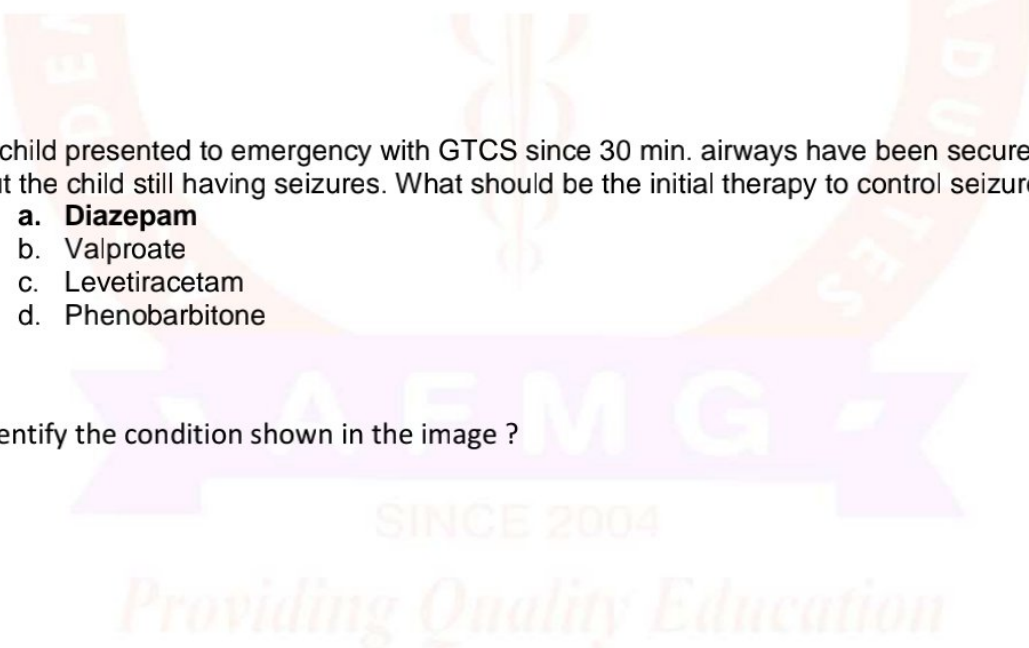
62. Identify the condition shown in the image ?

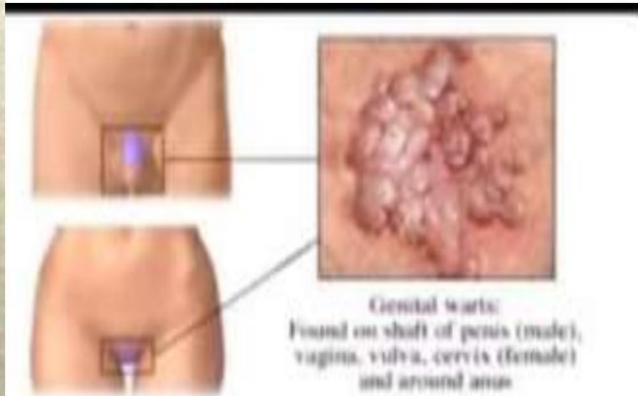


- a. Condyloma acuminata
- b. Bowen disease
- c. Condyloma lata
- d. Hemorrhoids



63. A child presented to emergency with GTCS since 30 min. airways have been secured but the child still having seizures. What should be the initial therapy to control seizures?
- a. **Diazepam**
 - b. Valproate
 - c. Levetiracetam
 - d. Phenobarbitone
64. Identify the condition shown in the image ?





- a. Condyloma acuminata
 - b. Bowen disease
 - c. Condyloma lata
 - d. Hemorrhoids
65. Which of the following drug is used as a radio sensitizer in head and neck cancer?
- a. Cisplatin
 - b. Paclitaxel
 - c. **Doxorubicin**
 - d. Amifostine
66. Patient suffering from ulcerative colitis presents with ulcer on anterior leg as shown in the image. Diagnosis ?



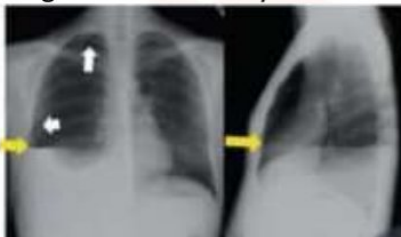
- a. Pyoderma gangrenosum
- b. Venous ulcer
- c. Tubercular ulcer
- d. Chancroid

67. Patient has flexion of pip and extension of dip which condition is associated with it



- a. Osteoarthritis
- b. Rheumatoid arthritis
- c. psoriatic arthritis
- d. Reiter's

68. Diagnosis of the X ray



- a. Pleural effusion
- b. pneumothorax
- c. hydropneumothroax

69. A patient suffered from vomitting and diarrhea for past 24 hr his urine frequency was reduced. what will u find in this patient

- a. Urinary sodium >40
- b. Kidney biopsy revealing kidney damage

- c. hyperosmolar urine
 - d. post renal obstruction
70. what is the diagnosis



- a. CHF
 - b. alcoholic liver disease
71. A person comes with a chief complaint of pain on face when smiling and when he touches the face. what is the medication u will prescribe
- a. Morphine
 - b. nsaid
 - c. leviteracetam
 - d. carbamazepine
72. Image of roth spot, janeway lesion and asked what the abdominal finding of this case



- a. ascites
 - b. portal hypertension
 - c. splenomegaly
 - d. lymphadenitis
73. what is the test



- a. shifting dulness
 - b. fluid thrills
 - c. check abdominal tenderness
 - d. palpation
74. First line treatment for acne comedones ?



- a. Topical steroid
 - b. Topical antibiotics
 - c. Benzyl peroxide
 - d. Topical retinoids**
75. A patient took some drug for treatment of acute migraine attack. After this, he developed change in colour and numbness of the tip of the thumb. What is the likely drug responsible and its treatment?
- a. Dihydro ergotamine and sodium nitroprusside**
 - b. Sumatriptan and sodium nitroprusside
 - c. Propranolol and nitroprusside
 - d. Propranolol and phenoxybenzamine
76. Common complication associated with the following condition ?



- a. Post streptococcal glomerulonephritis**
- b. SSSS
- c. Encephalitis

- d. Pneumonitis
77. A person presents with acute chest pain. Nitroglycerine was given sublingually and pain relieved within 5 min. what is the likely mechanism of this drug?
- Release of nitric oxide**
 - Release of endothelin
 - Calcium channel blockade
 - Beta blockade
78. Mid year population is taken on
- 1 jan
 - 1 aug
 - 30june
 - 1july
79. school health clinical scenario Q
- The light should come from the front
 - Each student has 5 sqft
 - RCT
 - It can accommodate 60 students per class
80. Researcher was conducting study is relation of Depression associated with social media usage. One group had social media users with depression and another group had social medial users depression. which type of study design is used
- Cohort study
 - case control study
 - randomised control trial
 - Cross sectional study
81. Delphi technique used for /unit of study
- Family
 - group
 - community
 - individual
82. Researcher did study on staff, nurses and JRs doing yoga, (divided into male and female) yoga shows 25% decreased risk of infections. which is the best best test to test the significance of the result
- ANOVA
 - Chi Square test
 - Unpaired student's t test
83. case on cumulative
- Incidence
 - Prevalence
 - Cumulative incidence
84. all of following are principles Health care except

- a. community participation
 - b. appropriate facility
 - c. intersectoral coordination
 - d. equitable distribution
85. secular trend of a disease is
 - a. Secular trend
 - b. long term fluctuation
 - c. seasonal infections
 - d. Occuring every year
86. which of the following is indicative of severity/lethality of disease
 - a. Proportional mortality rate
 - b. case specific death rate
 - c. case fatality rate
 - d. crude death rate
87. in a hospital systematic observation and recording of doctors spending patients care and time without patients care is calculated for future management purposes. the type of managements techniques is
 - a. Network analysis
 - b. system analysis
 - c. work sampling
 - d. decision making
88. it was a child came into the opd with rashes on the axilla and flexor surface with various macule papules and vesicle looking (patient presents with fever, and different stages of lesions are noted at the same time..)
 - a. Rubella
 - b. Measles
 - c. Chicken pox
 - d. Dengue
89. Measles case image
 - a. Chicken pox
 - b. measles
 - c. Dengue
90. which of the following is not constrained by time or existing resources
 - a. vision
 - b. target
 - c. goal
 - d. mission
91. A 20 yrs old male is on low dose oral steroid therapy for last 10 yrs. Now, he developed progressive loss of vision in both the eyes. What is the most likely reason?
 - a. **Cataract**

- b. Glaucoma
 - c. Cystoids macular edema
 - d. Retinal detachment
92. A tourist guide in Mt. Everest, after one of his trips developed blisters on the feet.
Which is not useful for his treatment?



- a. Hyperbaric Oxygen
 - b. Aspirin
 - c. **Phenylephrine**
 - d. Pentoxifylline
93. A 4 year old child presented with fever running nose and following lesions. probable etiology
- a. HSV1
 - b. HSV2
 - c. coxackei virus
 - d. streptococci pneumoniae
94. Patient presents with history of severe sunburn after only a few minutes in the sun (photo sensitivity), freckling in sun exposed areas, dry skin and changes in skin pigmentation. Diagnosis?



- a. **Xeroderma pigmentosum**
 - b. Bloom syndrome
 - c. Warts
 - d. Melanocytes nevus
95. A person from non-endemic area visited India and was given prophylaxis for malaria. How long the person should continue the drug after leaving from India?
- a. 7 days
 - b. **4 weeks**
 - c. 15 days
 - d. 4 months
96. An 14 Week Only MTP To Be conducted There is Substance Used To Dilate the Cervic And Do Dilation, Failed To Dilate Cervix How many time Can Be used
- a. 2
 - b. 3
 - c. 4
 - d. 5
97. separation of healthy individual and infected animal not more than incubation period is

- a. Quarantine
 - b. isolation
 - c. interruption of transmission
 - d. Segregation
98. Vasectomy was done and his wife was pregnant after 1 month. What was the advice you were supposed to give?
- a. Contraceptive pill usage by the wife.
 - b. Abstinence for 3 months
 - c. Use of barrier method by the male
 - d. Vasectomy done before 3 month.....
99. A HIV patient came to you with history of 2 weeks cough..if you are suspecting ptb than what would be next logical step?
- a. Sputum sample
 - b. CBNAAT
 - c. CXR
 - d.
100. In QRS sodium is given along with glucose
- a. Co transport
 - b. Counter transport
101. worker in a factory of groundnut / peanuts and maize developed hepatocellular carcinoma most likely exposure with aflatoxin association is
- a. Aflatoxin
102. You are a Nodial officer in Rajasthan Area. You are appointed to do study in young people..... Which of the following is most accurate....about silicosis is
- a. It is reversible once we remove the cause
 - b. it takes 6-10 years to develop
 - c. it is reversible disease
 - d. TB screening should done
103. A Person returning from malaria endemic country should continue chemoprophylaxis for how long
- a. 1 week
 - b. 15 week
 - c. 4 week
104. A man from bihar develops fluorosis
- a.
105. MC emotion modifying human behavior is
- a. Fear
 - b. love
 - c. anger
 - d. sorrow

106. Buffalo milk is superior because
- High calories and high fat
 - low calories and high fat
107. A traveller from China symptoms of sore throat..... Nasal swab send to the lab which of the following technique is used...
- A
 - d
 - R time PCR
108. 26 year old doctor worked in ENT OPD developed anosmia from last 3 days..... Took swab and to lab. What is your probable diagnosis.
- - SARS - CoV-2
 -
109. month old brought to the hospital with respiration rate on greater than 58/min with chest indrawing sir
- No pneumonia
 - severe pneumonia
110. Least source of iron
- Milk**
 - Spinach
 - Bean
 - Liver
111. Child presents with sores in the mouth and a rash on the hands and feet as shown in the image below. What is the causative organism for it?



- a. **Coxsackievirus A16**
 - b. Pox virus
 - c. Herpes virus
 - d. Human papilloma virus
112. A female patient presented with pain and redness in great toe. Serum uric acid level is 9.4mg/dl. The physician prescribed a drug for the treatment. Which of the following enzyme is likely to be inhibited by this drug?
- a. **Xanthine oxidase**
 - b. Thymidylate synthase
 - c. Phosphoribosyl transferase
113. About emotions
114. Ovulation graph
115. infections of vagina
116. Child presents with fever and pleomorphic rash as shown in the image . Diagnosis?



- a. **Chicken pox**
 - b. Small pox
 - c. Measles
 - d. Rubella
117. about Triphenyl tetrazolium chloride for Heart infarct
118. secondary cartilagenous for symphysis

119. Who blindness

120. Epidermophyton image based and clinical case(class notes)



121. Posterior tibial nerve passes b/w ...

122. Med malleolus and med to calcaneal tendon

123. Med malleolus and med to ant tibial tendon

124. What is the delayed complication of radiation of neck and head?

- a. Dysgeusia
- b. Dysphagia
- c. Xerostomia

125. Which fluoroquinolone is less likely to be effective in pregnant woman...

- a. Ofloxacin
- b. Moxifloxacin
- c. Ciprofloxacin
- d. Levofloxacin

126. Malathion spraying to control larval breeding..

- a. Once in one month
- b. Twice in one month
- c. Twice in 3 months
- d. Once in 3 months

127. Antibiotic safe in pregnancy

- a. Amoxicillin
- b. Ciprofloxacin

128. Vishnoi Suneel, [01.09.20 11:48]

129. Nurse in hospital spilled blood on floor? - disinfectant 1% sodium hypochlorite



130. Cholera toxin mechanism of action

- a. GM1 GANGLIOSIDE
- b. GM3 GANGLIOSIDE
- c. GD1 GANGLIOSIDE
- d. GD3 GANGLIOSIDE

131. A patient with resting tremor was diagnosed to be a case of Parkinsonism. Which of the following therapy is not indicated?

- a. Pramipexole

- b. **Rivastigmine**
 - c. Deep brain stimulation
 - d. Levo-dopa + carbi-dopa
132. Which of the following is a true statement regarding aliskiren?
- a. It is contraindicated in diabetes mellitus
 - b. It can be given in pregnancy
 - c. It increases the aldosterone levels
 - d. **It indirectly increases rennin levels**

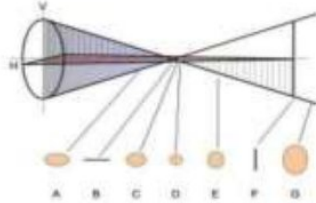
133. identify the image



- a. **Preseptal cellulitis**
134. which is not an indication of abortion
- a. Contraceptive failure
 - b. Malformation
 - c. Threat to mother
 - d. Large family size
135. what is F in this image

Optics of regular astigmatism

Sturm's conoid



- a. simple myopia
 - b. Compound hyp astig
 - c. mixed astig.
136. In this histopath showing rosettes
- a. retinoblastoma



137. A patient was brought to the opd with greenish colour skin & rotten egg smell poisoning. the poisoning could be
- a. Cyanide
 - b. nitrite
 - c. CO
 - d. Hydrogen sulphide

138. keratome used in Phaco surgery which chamber



a. anterior chamber

139. Identify the probable condition from the given skull x-ray

- a. Hemolytic anemia
- b. Iron deficiency anemia
- c. osteopetrosis
- d. Osteosclerosis

140. identify the image

a. Angle Closure glaucoma.

141. elderly patient who had less cognition and was mentally ill. He had corneal erosions in his eyes.

- a. Contact lens
- b. Steroids
- c. Tarsorrhaphy

142. Source of bleeding was asked for a patient hit by tennis ball who had hyphema

- a. Ant. Ciliart nerve
- b. Ciliary
- c. major arterial circle of iris

143. identify this image (optha Q)



144. claw sign- intussusception

145. Ovulation graph - ans-B point

146. Triage -

- a. red ,
- b. yellow ,
- c. grown black

147. Serratus anterior- unable to raise hand

148. Vitamin B12 and folic acid
149. Maximum dose of misoprostol for abortion is 3 tablets
150. rabies virus protein
- a. integrin
 - b. kinesin
 - c. dynamin
151. man with alcohol intake present in hospital has talk loudly misbehaving no orientation to time place person etc
- a. alcoholic hallucinations
 - b. delirium
152. where head is in LOP position and wants to change to LOA position but that pelvis not able to change the position. They asked which pelvis is that
153. Thiopentone acute intermittent porphyria C/I
154. Psychiatry alcohol one was given in that ?
155. 17 year old girl with secondary amenorrhea with fear of weight loss which hormone is diagnosed?
156. Patient with Hbs positive , Hbc IgG positive -
- a. Chronic hep B infection ,
 - b. acute hep B infection
157. Feeding for baby delivered at 32 weeks ?

158. Aniskerin is safe in pregnancy ,
159. buffalo milk was feed to baby ,as it has same as breast milk ?
- a. high calorie and high protein
160. nulliparous female of 34 yrs inferility for 6 yrs she had large ovaries attached to utreus. adhesion ..
- a. total hysterectomy and bilateral salphingo ophrectomy.
161. Recurrent knee inflammation why?
162. Which drug should be given in TLC 500 Dlc SOME value is given and other parameter?
- a. oprelvekin ,
- b. GSM f ,
- c. filgrastim
163. identify this type of abuse



- a. **Bagging**
- b. snorting
- c. sniffing

- d. huffing
164. A Girl eats Only 500 Kcal Per day , Spotless Kichtchen , She thinks That Food Kept More than 3 hour will Have Bacteria,
165. Lingual nerve - anterior 2/3rd of tongue
166. which desk should be in school
167. A man continues to call females achieves sexual gratification by talking obscenity & sharing obscence pictures this condition is
- a. stalking
 - b. voyeurism
 - c. **scatologia**
 - d. scoptophilia
168. In Child postmortem lungs submerged inside water Which test
- a. hydrostatic test
 - b. Getlers test
- 169.
170. A 3 months old child presents with complaints of fever, cough, not ablve to feed and breathing difficulty. on examination respiratory rate was 58/min chest retractions were present management
- a. severe pneumonia-give antibiotics and refer immediately
 - b. very server pneumonia and refer urgently

- c. pneumonia start antibiotics and refer immediately and send child home
 - d. no pneumonia
171. A 1 year old child presents with 1st episode of wheeze and breathing difficulty. chest x ray shows bilateral hyperinflation. probable causative organism
- a. RSV
 - b. *S. pneumoniae*
 - c. H. Influenza
 - d. coxsackie virus
172. A lady got road accident petechiae hemorrhage on brain but she is conscious
- a. contusion
 - b. concussion
173. Girl while drinking tea is spilling out and while smiling the left corner of mouth not depressed ?
- a. Right side paralysis
 - b. Left side paralysis
174. a man was lying dead on the ground his friends saw a snake passing in the area and took a photo of it and showed it to the doctor



- a. **Respiratory failure**
 - b. shock
 - c. coagulopathy
 - d. renal failure
175. A 6 year old child presented with ab
176. 18 year old girl, primary amenorrhea, normal sexual characteristics, blind vagina absent uterus.. next investigation?
- a. TSH T3 T4,
 - b. USG,
 - c. PROGESTERONE ESTROGEN,
 - d. LH FSH etc
177. Patient with palpitation , headache who is hypertensive visited the hospital several times , doctor referred him to psychiatrist
- a. Refer to psychologist not psychiatrist
 - b. Admit patient and work on pheochromocytoma
178. Anorexia Nervosa

179. OCD

180. •Tinea image with causative agent asked with image(class notes)

181. •Diphtheria clinical with chinese letter pattern image(class notes)

182. What is fastest method for Cryptococcal Meningitis

- a. Indian Ink
- b. latex card agglutination test
- c. PCR

183. •Eggs of trichuris trichura image(class notes)

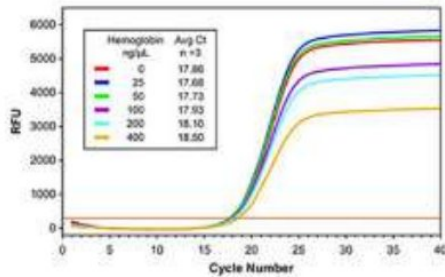


a.

184. Plasmodium falciparum banana shaped gametocyte



185. •RT-PCR image to mark which investigation is it(not discussed)



186. •N one COVID question was from ENT with symptoms n travel history(notes)

187. •Clinical case of Chicken Pox(not shown)

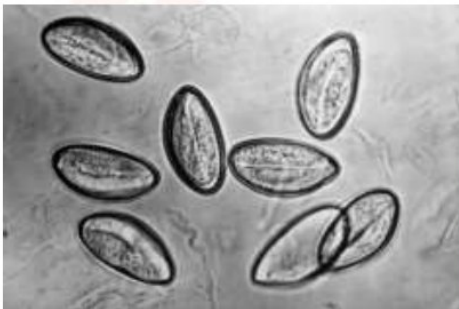
188. identify the image

a. Greenish vaginal discharge trichomonas

189. •Causative agents were asked in clinical cases of Measels(notes)

190. •Hand Footh and Mouty Disease with image (class notes)

191. enterobius vermicularis



192. 13yr old with longface longears longhands and bigtestes. FagileX

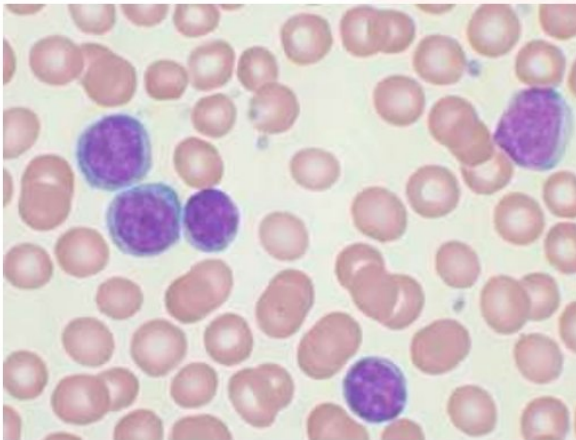
193. 13year old boy shot a bullet on police but he more caring towards his leather jacket
what is the ans

a. anti social

- b. narssistic
- c. conduct disorder

194. identify the cell

- a. blasts



195. A prisoner died in police custody, who should conduct inquest

- a. Magistrate

196. which is most common emotion

- a. love
- b. fear
- c. anger
- d. hate

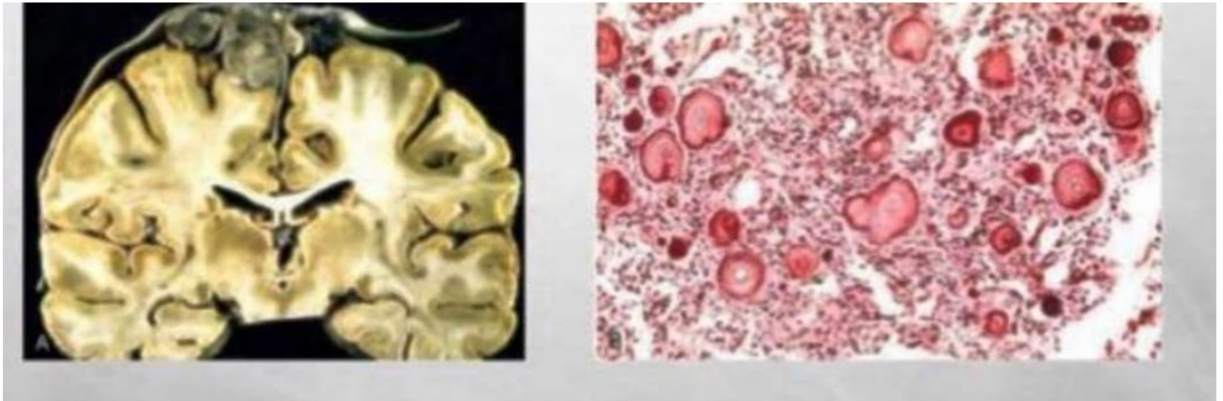
197. Takayama test

198. Rotted egg smell nd brown color blood nd all

a. H₂S poison

199. laceration

200. psammoma bodie



201. clinical scenario krait bite cod

- a. Respiratory
- b. Shock
- c. dic

202. A patient with pancreatic carcinoma is on morphine for treatment of pain. After few days, the pain is not relieved as much as earlier. The likely reason is

- a. Decrease in absorption of morphine
- b. Pain intensity has increased
- c. Opioid receptors are upregulated
- d. Desensitization of opioid receptors**

203. lung test clinical scenario

- a. hydrostatic test

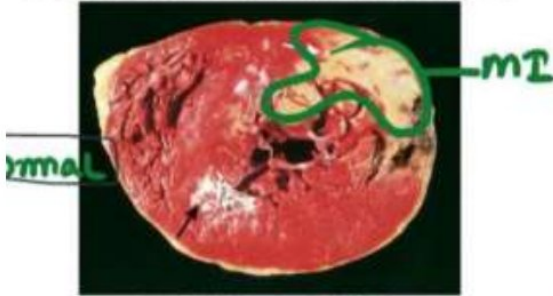
204. identify the Fingerprint image



- a. Arch
 - b. whorl
 - c. composite
 - d. loop
205. A dead body with a wound on the neck with clean cut edges, crushed tissues with vertebra bony portions disrupted. identify the type of wound
- a. Laceration
 - b. incised wound
 - c. **chop wound**
 - d. avulsion
206. Triphenyl tetrazolium chloride

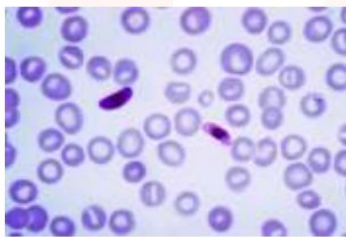
Providing Quality Education

Acute Myocardial Infarction



209. scotilagia

210. Blood test shows the following...



- a. P.vivax
 - b. F.malaria
 - c. P.falciparum
211. A patient with heart disease presented with breathlessness. The features of the patient are shown in images given below. Which of the following is the best drug for treatment of edema in this patient?

Providing Quality Education



- a. ACE inhibitor
- b. Na-K-2Cl symporter inhibitor in loop of henle**
- c. Na-Cl symporter inhibitor in DCT
- d. Aldosterone blocker in DCT

212. identify the image



213. rumpet blowing person with left side neck swelling in xray

- a. Laryngocoele,

214. Malassezia - Seborrheic dermatitis?



215. lock in nose due to some swelling inside.

M/C site.....?

216. Identify the image

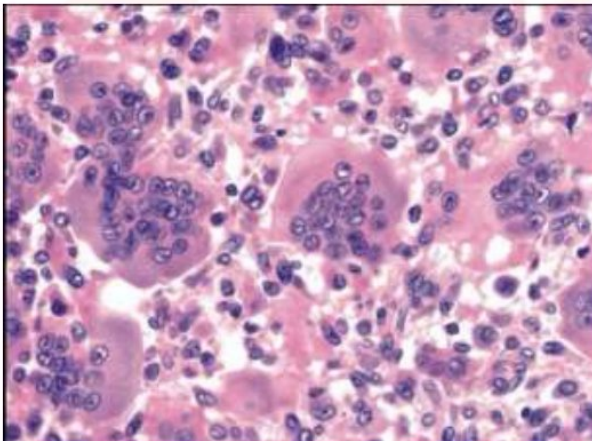


217. Mastoiditis? Or some pain near mastoid antrum

218. Boy with bruise and knee swelling. Maternal uncle with similar condition..

- a. Autosomal recessive
 - b. X linked dominant
 - c. x linked recessive
219. Adrenaline acting via beta 2 receptors cause bronchodilation whereas histamine acts through H1 receptors to cause bronchoconstriction. Which type of antagonism it is?
- a. **Physiological**
 - b. Physical
 - c. Chemical
 - d. Pharmacological

220. Giantcell



221. when the victim is dying of unlawful act, the polic recorded dying declaration Doctor certifies that victim was conscious and mentally oriented. Under the cirucmstances, dying declaration is invlaid because
- a. It is not done by the doctor
 - b. declarant is not expecting death
 - c. **the victim is not dead**

- d. victim didnot sign the declaration
222. A 60 year old male patient presents to OPD with low backache. His PSA levels are 100 ng/ml. which of the following drug is indicated for treatment?
- Somatostatin
 - Goserelin**
 - Terlipressin
 - Testosterone
223. A patient on anticancer therapy developed infection. Total leucocytes count of this patient was $2000/\text{mm}^3$. Which of the following drug is likely to be effective?
- Oprelvekin
 - Filgrastim**
 - Erythropeitin
 - Romiplostim
224. which cell r damaged in cirrohis lik that
225. Hemolytic anemia



226. Delphi method used for
- Family
 - Group

- c. community
227. mott or mulberry cell. Identification was asked?
228. Pancreatic cancer most commonly associated with
- a. CEA,
 - b. CA 19-9
229. homer wright pseudorosette seen in neuroblastoma, medulloblastoma and ewings sarcoma.
Identification was asked?
230. Inheritance of colour blindness
231. identify the image



232. staining of reticulocyte
- a. Absent of nucleus
 - b. Loss of differentiation

c. Cell having meshwormk like appearance

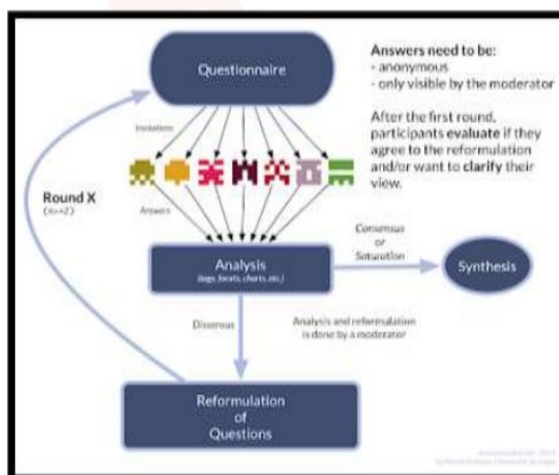
233. A female presented with burning micturition and symptoms of UTI. Which fluoroquinolone is least likely to be effective?
- Ofloxacin
 - Moxifloxacin**
 - Ciprofloxacin
 - Levofloxacin

PSM FMGE20 EXAM Recall With Explanation

1. Delphi method

Delphi method is a structured communication technique depending on a panel of experts for collecting opinion on a particular research question in two or three rounds of questionnaire

Use Eg. For educating doctors



2. Cumulative Incidence

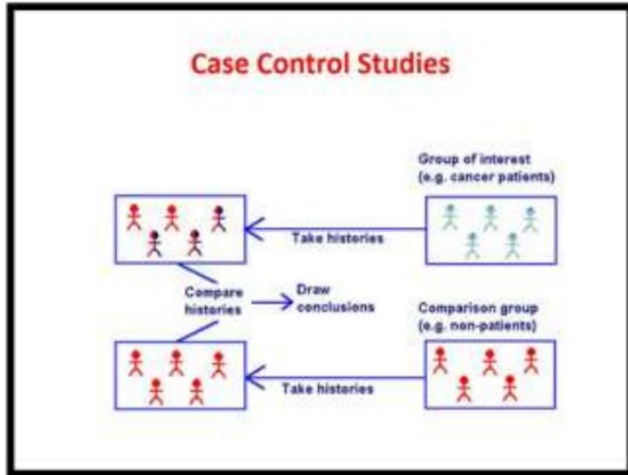
Measure	Numerator	Denominator
Incidence proportion Or cumulative incidence (or attack rate or risk)	Number of new cases of disease during specified time interval	Population at start of time interval

it is a measure of disease frequency during a period of time. Where the period of time considered is an entire lifetime, the incidence proportion is called **lifetime risk**

3. Date of MYP – 1st July. Mid Year Population

U can remember like after 6 months of the year, starting date of 7th month is the Mid year

4. Case Control study Example



Question : Association between smoking and lung cancer

In 2020, Start from cases – lung cancer patients and controls –subjects without lung cancer

Ask them about history of smoking in the past for duration of smoking, number of cigarettes , this type of study going back in time to ask their history is case control or retrospective study

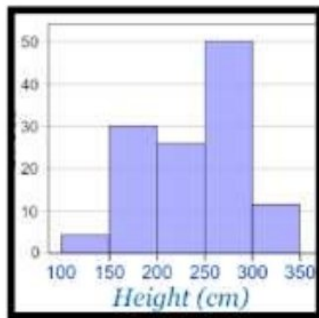
Odds ratio is calculated in a case control study, incidence cannot be calculated

5. Histogram

Histogram is a graphical display of frequency distribution by means of bars whose width represent class and areas are proportional to corresponding frequencies. Bars are adjacent without any gaps.

Frequency polygon is obtained by joining the mid points of the Histogram blocks by straight lines i.e by joining the mid point of the class intervals by straight lines.

Example : height of students in a class room marked by class intervals



6. Chi square test eg

CHI SQUARE TEST is a non parametric test of significance for association between two or more qualitative variables

Measure association	This is a 2 by 2 table	Lung cancer YES	Lung cancer NO
Between 2 categorical variables.	Smoking YES	A	B
	Smoking NO	c	D
Traditionally, a 2 by 2 table.	This is a 3 by 2 table	Lung cancer YES	Lung cancer NO
Can go more, but risk small samples.	Ex smoker	A	B
	Currently smoking	C	D
	Never smoke	E	F

Degrees of freedom = (number of rows – 1) X (number of columns – 1)

Eg: Association between smoking and lung cancer

7. Bureau of Indian Standards logo image



MARK	Issuing authority	Products
BIS	Bureau of Indian standards	Gold , jewellery
ISI	Bureau of Indian standards	Electrical, industrial products
Agmark	Directorate of marketing and inspection of government of India	Agricultural
FPO	Ministry of food processing	Processed food products

8. Screening – level of prevention

Secondary prevention:

All the actions undertaken at the stage of early pathogenesis (asymptomatic disease) with a view to halt the progress of disease at its earliest, incipient stage, by early diagnosis and prompt treatment.

Eg. Screening for Cervical cancer

All efforts taken for early diagnosis and treatment come under secondary prevention

9. Minimum Antenatal Visits

Minimum 8 antenatal visits or contacts according to WHO (updated in 2016) – Best option

Minimum 4 according to Govt. of India (25th edition Park – 2010 Indian govt. guidelines)

10. Primary Healthcare

PRINCIPLES OF PRIMARY HEALTH CARE:

1. Equitable distribution
2. Community participation
3. Intersectoral coordination
4. Appropriate Technology

11. Secular trend definition

The secular trend describes the occurrence of disease over a prolonged period, usually years; It is influenced by the degree of immunity in the population and possibly nonspecific measures such as improved socioeconomic conditions, nutrition etc.

Eg. Increase in incidence of Non communicable diseases like cancer from 1990 to 2020

12. Case fatality rate

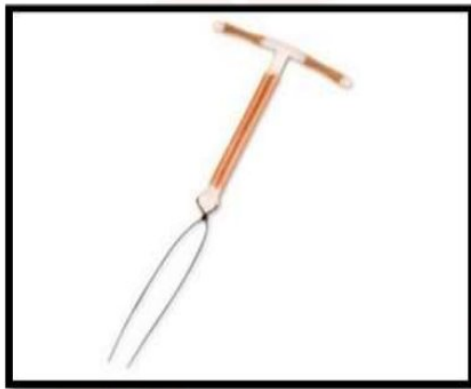
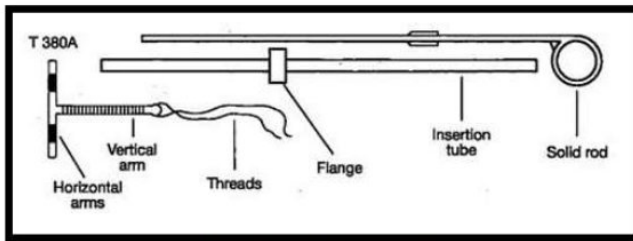
Case Fatality

- Refers to proportion of fatal cases among those who have the disease
- Provides an index of the deadliness of a particular disease within a specific population

$$CFR = \frac{\text{\# of deaths due to disease X}}{\text{Number of cases of disease X}} \times 100$$

Table 1-3. Types of Mortality Rates

Crude mortality rate	$\frac{\text{Deaths}}{\text{Population}}$
Cause-specific mortality rate	$\frac{\text{Deaths from cause}}{\text{Population}}$
Case-fatality rate	$\frac{\text{Deaths from cause}}{\text{Number of persons with the disease/cause}}$
Proportionate mortality rate (PMR)	$\frac{\text{Deaths from cause}}{\text{All deaths}}$



13. CuT 380 A image

14. Triage order to treat

Red – Immediate treatment/ Transfer	High priority	Require immediate surgery or intensive medical care
Yellow – Late treatment is enough	Medium priority	They require treatment or transfer but not immediate, can be hospitalised and treated
Green – Ambulatory patients	Low priority	They require treatment but can wait for days since not life threatening or very trivial or treated at home
Black – No treatment	Respect for Dead	Moribund or Dead

Triage is coding of subjects based on the requirement of their treatment

15. Hospital management wants to survey their doctors on how much time they are giving to each patient. What is the type of method used?

Network analysis is a type of quantitative method of health management

Network Analysis: It has 2 methods mainly

- PERT – Programme Evaluation and Review Technique
- Critical path method

PERT analyses the minimum time needed to complete a project and minimum time needed to complete each task

The longest path in a Critical path method network is known as critical path

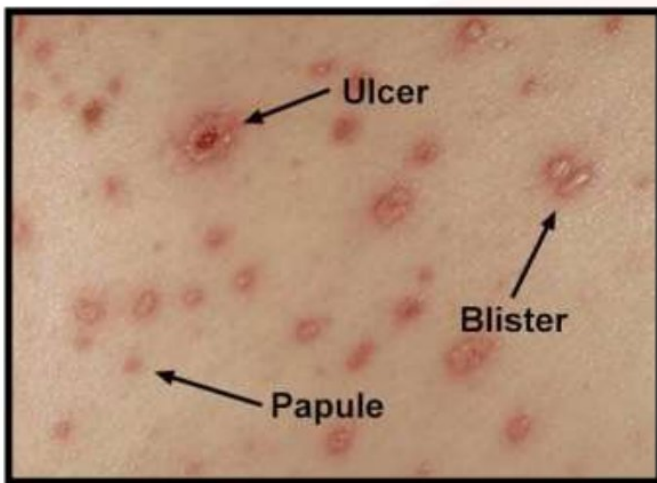
Any delay in the Critical path results in delay of project. Other paths can be left afloat

16. Chickenpox case

A prodrome of nausea, myalgia, anorexia, and headache.

The triad of rash, malaise, and a low-grade fever can signal disease onset,

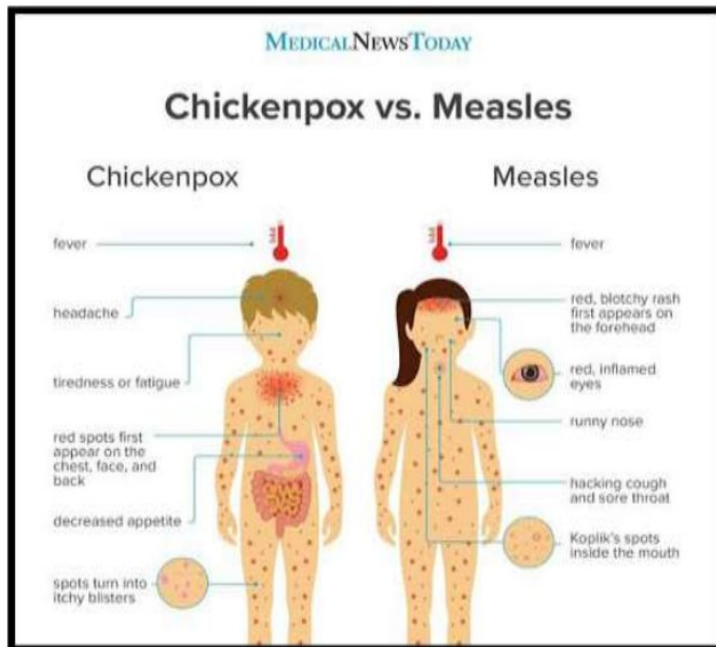
An itchy rash – Pleomorphic rash with small, fluid-filled blisters, ulcers.



17. Measles case with image



Measles – Koplik spot on buccal mucosa – opposite 2nd and 3rd lower molar



18. NVBDCP chairperson

State level	State Health secretary
District level	District Collector/Deputy Commissioner/Chief Executive Officer