Date:__/__/20_ MON TUE WED THS FRI SAT 00000Mention the full qs statement for proper evaluation. Without althese are just notes and cannot be awarded marks -thread dise s typically transi infected 01 Anopheles mosquito with infer plasmodium Paraisite. Symptoms. stmptoms O alaria High Fever Vousitie cofuse Sweating Aupunio Diantheo Head-ach Shaling Chille Juscle Pai Causes: transmitted by M also be transmitte So it Can blood Aproval blood transfusions > boxu from inf baby with mrough

000000Date:___/__/20_ infected blood An organ transplant Bite of infected female Anopheles mosquito shaving needles used to inject drugs. arasites travel your liver bite rom an Trusually garma interted about ten day nostivito to four ransmits seeks malaria *lalavia* Iransmission Malavi Cycle lave answith and infect re our uninfecto blood cells, This quito when't when malaria Sameone Signs and symptoms the disease typically Levelop. mosquito Spree alaric Keep the charts legible Treatmen is Intimatavial drugs like Chloroguine. Treatment of fever, handa رت -luid replacement in abe (iii) delightration Preventions:

· If you plan on living temporarily in traveling to an areq where malaria is common, talk to your doctor about taking medica tions to Prevent malaria · Medications can greatly reduce the chances getting malar Apply mosquito xepell mosquito · Drave ne Hing over bedg. weat ing, mosquito nets, ter bags and other fabric 51 eeping and misect repellent called Permethin. long pants · Wear and long sleeves cover your ski 40 enque Dengue (break-bone fever) vival infection, transmitted unans through the bite of infect mosquitoes. The mosqu Aedes Acquipti is responsible for transmitting dangue vivus people. your is found in tropical an war tropical an in urban rbar

MON THE WED THE PRI SAT 000000

Date: / /20 areas. About half of the world's population is now at risk of dangue with our estimated 100-400 willion infections occuring each year. Symptoms: If symptoms occur Usually begin 4-10 days after injection dauss. Signs st fox dangues pever Symptoms of Commonly inclu Severie high fever head or he Rash Jamilius Sampjours Mikele an Dengue Swollen nausea chin Causative Agents Of Dengue: is caused by vivus of the Deugue Flaviviridae family which includes Yellow fever vivus best Nile UNUS tick - bone encephalitis vivus

Date:__/__/20__ MON THE WED THS FRI SAT) O Creventions OOOThe osquitoes trait Spread dei rue ONE sting day ich getti Q1 ve yourse Yow wios 9 USino MOSAIL Sleep duvin dou COVeu MSe Xe De lle Coils ۵ vaporizers an rel as muc YOUN body possible as Screens Mosquito repellen 0 s: an Reduce MOSAIN 0 10 Sho Carvy er eno ve UNUS live Cal around Se IV C. wa tha such Cons collec automobile as used ves Iseatment: cop danque important 90 14 take \$ Te St of dru Water Majoi Davacetamol 150 Por Pain Severe Nave denque ever

Date: /__/20 you may need: Supportive care in a hospital. Replacement of body fluids. Transfusion to replace blood loss. Pain Killexs. Monitoring of platelet count WHO Response To Dengue! WHO responds to dangue in the following ways, Provides technical support and guidance Countries for the elpositie management of dengue outbreaks. Formulates emitence-based strategies and policies. Support countries in the development dengue prevention and control strategies and adopting the Global vector control Response (2017-2030) and the Ribbard Arbovirus Initiative (2022-2025) Reviews and recommends the insectide development of new tools ! products and application technologies) Gathers official records of dangue and severe dengue from over 100 Member States · Publishes guidlines and handbooks for

MON TUE WED THS Surveillance : Case angemen diagnosis, deugue Control for Member States Hepatitis Hepatitis means injury to the liver with inflammation the liver cells organ that ts, Pitters processes fights infections. when isc inflammed an liver its function co damaged affected Of Hepatitis: iypes five main types There axe viral hepatitise q A, B and she for depending on VixUS. Lauses Caused Can Hepalitis in the body attacking Immone liver. Ano

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MON TUE WED TH'S PR Date:___/__/20__ Infections from viruses Louchas hepalitis A, hepalitis B, ox hepalitis C), bacteria or parsites. Liver damage prom alchohol of poison. edicines. Such as an overdose of acetaminopher Fatty liver. Symptoms: Abdominal Dark Pain Vine Itching Symptoms Weightlose Yellowing of Skinor eyes Nausea 0 220 Appetit Q Discuss the preventive measures that taken to control the spread of hepatitis vivuses: Preventions: Here are some measures to control the Preventi spread of hepatitis viruses. i Vaccination: vaccine are

MON TUE WED THS FRI SAT Date:___/__/20__)()()()()available for hepatitis A and B. Hing Vaccinated can preu Inese infections. ii Pra lice good hygiene: Wash your regularly wi n Spap especially after using the bathoo ONNO food ha iii Safe food and Water: Ensure d is cooked thoroughly, and Safe, clean water Avoid ercooked Shellfish und good from iv Avoi ing: If you use drugs. share keedles or other injection equipmen . Avoid aving razons 5 tooth brush: else's USin Som v Practice Safe Piercing: Ensure equip len needles or piercing and attens are prevent Ban nepatiti transmission v. Cautions with blood Products:

MON TUE WED THS FRI SAT)00000Date:___/__/20 that blood transfusions and Ensure USING transplants Olgan ave bland 401 Screene hepatitis transmission. organs to prevent Don't touch spilled blood VI Practice Safe Sex: Adopt safety wing serval activity hepatitis B On anoid seino nin Audi nemisa ched Suo. in person Contact preventive measures Suese 400 the spread Com outro and reduce it it a partiti VIXUSEC ectio different types Describe (\mathcal{D}) She hepatitis reix Vixal and modes transmission. C - Severity & Prolonged infection Visus And Vaccine Available Risk of Liveance Rovers of Transmission Tyes Mild. No chronic Hepatits A virus eces NO State (HAV). Vaccine Ausilet Blook body flinds Severe the church Hepatitis B virus Yes B (HBU) - Vaccine Availe Moderately Severe Has Hepatitis C views Blood ody fluids Yes Chrowie State (HCN). Vace Available

MON TUE WED THS THU /20____ Date:___ Yes Hepalitis D virus Bood body fluids Severe. Has (HDV). Vaccine Available Chrowic State Hepatitis E Vixus NO. Mill NG Feces C chronic State (HEU). No vocine Available Par and so for seatment: General Sympton Ner, Voliting, Hear atique an with drugs like Specific en interferons autivirals \$ 1.2

plio Q what is polioi and what causes it? Polio A disease caused by policiviros. This vivos mainty affects the nervous system, leading to paralysis in severe cases. It can also lead to trouble

MON TUE WED THS FRI SAT Date:__/__/20_ OOOOOObreathing and sometimes death Causesi · Polio is caused by the poliovirus. There are three types sterotypes of the poliovisus; type 1, type 2 and type 3. is highly contagious and JUNUS primarily spreads through t fecal-oral route, menung it is transmitted through contact with leier. can also be spread through contaminated food, water, or sinfaces In vare cases, Poliovirus can be transmitted through respiratory scoplets from an infected person particularly in crowded or unsanitary Transmission Process: PUNIU can enter the body through mouth and then replicate stestines. From intestines, Virus can enter the bloodstream and travel to the nervous system where 17 can cause paralysis.

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Date:___/__/20. Describe the symptoms of polio infection Symptoms: Most people infected with the poliovisus (about 90-95%) have no symptoms and may not even realize hey are infecte For those who do develop symptoms, 1.1.1 they can range from mild to severe and may include · Fever Samo · Sove throat · Headache · Fatique » Mausea · Stiffness in the neck and back Muscle weakness or paralysis, usually affecting the legs but can also involve the aris and musicles. In severe cases, paralysic can lead to permanent disability or even death -> There is no cire for polio, it 11 can only be prevented by unununization.

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Date: Discuss the role of Vaccination in (V) Preventing Polio. Role of Vaccination: Vaccination crucial role in preventing plays a polio by providing immunity against the poliovivus. Polio vaccines Stimulate the bodys immune system to produce antibo against the poliovivus. These andibodies protect vaccinated individuals from becoming infected with the virus if they are exposed to i -> Vaccination not only prevents individuale from getting sick bu t also helps Stop the spread of the virus within Communities. -> Through wide spread vaccination compaigns including routing immunization and supplementary immunization the goal is activities acheive herd immunity, there Sufficient proportion of population is prevent outbreaks. The success of vaccination efforts has led to significant reductions in polio cases worldwide, bringing the work closer to the goal of polio exadication

MON TUE WED () what are the type lypes of Voccine There are types of vaccines: 1 Injectable Polio vaccine / JPV Calso called "Salk") injection in annox leg Oral Polio Vaccine OPV Ralso Calle "Sabiri) Unrough mouth. Q what are the challenges being faced by Pakistan in complete eradication of Polio? Pakistan has made significant Progress in reducing polio cased over the years, but chaillenger remain: In recent years, Pakistan ha a decrease in the number of potio Case, but rave outbreaks continue to OCCOX. Challenges: Vaccine hesitancy: Some communities 1 oren resistant Kichan have to polio vaccination due to misconceptions, Xumors, and distrust of vaccination compaign 2 Inaccessibility: Remote and Conflect-appected areas, partiareas. particularly

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Date:__/__/20 OOOOO In the tribal regions and Balachistan province, pose challenges in reaching children with polio vaccines. 3 Security Concerns: Polio vaccination! teams have faced security threats and attacks in certain areas leading to dissuption in Jaccination compaigned 4 Weak health Infrastructure: Limited access to healthrare services, inedequate Savitation, and poor hygiene contribute to the persistance of polio transmission in some areas. 5 Cross- border transmission, Poliovirus ean easily cross-borders, transmission between Pakistan and neighboring Apphanistan remains a concern. Despite these challenges, Palistan continues to implement vaccination comparigns and Strongthen Surveillance systems to evaduate polio. International partners, including the World Health Organization (WHO), UNICEF, and the Global Polio Exadication Snitiative (GPEI), Collaborate with the Pakistani government to address these challenges and work towards polio. exadication

lyphoid Q what is typhoid fever, and what Courses Typhoid feves: yphoid fever is a lif infection caused by the Salmonella Typhi. infection that bacterial raffec Kouppion pog oxegans Causes: Typhoid fever is caused by bacterium Salmonella Typhi This bacterium is primarily trans itted through contaminated food and Shed in th are IJDhi feces and usine of infes fec tion sizy ingested 2000 rougi dire infected person's peces NO Poor Sanitation and hygiene practice contribute to the transmission tices of

Date:___/20 hyphoid fever Inediquate sewage disposal systems and Contaminated water Sourcess increase the risk of infection in communities. Individuals who travel to meas with poor sanitation or consume food and worker from unsafe sources are at higher risk of getting typhoid fever. Q Describe the signs and symptoms of typhoid fever. Symptoms: Here are the signs and Symptoms of typhoid fever: Sustained high fever , often reaching 103-104°F. > Headache and body alles. -> Weakness and futique. -> Abdominal pain or discomfort. >> Loss of appetite -> Constipation or diarchear which may be bloody. > Mausea and Voniting A rash of flat, rose colored spots nay appear on the touck of the body in some cases These symptoms typically develop gradually over several days to weeks and can vary in Severity

Date:__/__/20_ Describe the preventive measures than Q can be taken to control the spread of typhoid pever. Preventive Measures! Here are some preventive be taken that can · measures Control due spread of typhoid fever. Ensure access to clean and Sa drinking water. good personal hygienes including Frac lice ashing with soap and wa and cook food Sav tize especially meats Sea and Consuming You or undercooked Avoid foods. Sanitation 1 and Maintain proper Sewage disposa Systems X Vaccination agains Hyphoid fever is available and recommended for ligh-risk travelers area treatment of infected to prevent read of disease measures help to re duce the Tuese typhoid fever transmission and are essential for preventing autbreaks.

OP Discuss the treatment options available for typoid fores Treatment Options: Antibiotics: Treatment for uphoid fever usually involves autibiotics kill Salmonella backeria causing . the infection. Suppostive Case: In addition to tibiotics, supportive care such as rest, lydration and fever reducing medications may be recommende Hospitalization: Swex cases of typhoid fever, particularly those complications such as intesting perforation or evere delydration. close monitoring may require for tary diagnosis and treatment are for successful recovery to prevent complications. Euplain the vole of vaccination Q in preventing typhoid fever. There are two main types of uphoid Jaccines

(i) the injectable Vi polysaccharide vaccine (ii) the oral live attenuated Naccine. Role Of Vaccination: -> Typhoid vaccines Stimulate the immune system to produce autibodies against Salmonella bacteria that cause typhoid fever. Vaccinations helps prevent infection and reduces the risk of transmission within communities. -> Vaccination is recommended for travelers to areas where typicial fever is common and for individuals at ligh risk of enposure, such as healthcare workers and laboratory personnel. -> While vaccine tion provides protection against typhoid fever, it's essential to Continue practicing good hygiene and Sauitation measures, especially in areas