

(2) 80AG Symptoms of Hepatistis: Feeling extreme tigedness. natu Abdominal pain Mousea and Vomitting Coss of Appetite. Stool may takned pale Moderate fever. Muscle 08 joint pain. 7) ut. revention: 9 Hepatitis A and B be prevented through Adapting safe hygienic practice Avoid Sharing needles or any Patient.
Limit Alcolul Consumption Ensure the blood, that is bein, & teansmitting through transfusion is servened for Hepatitis. (B) Foods Preservation: Food Preservation mean extend envisonmental for Several traditional and scientific used food food preservation. Methods for food Preservation: Following Caro Some of the methods Physical 1 se thurl Reprigeration and freezing:
Microbal growth Stops at Low temperature and hence keep the food preserved. 2024.12.19 22:44 mese 1 B Dehydration:
Removing moisture that is needed for microbal growth hone A0 to Reduce Oxidation and Remove aix DU Canninge mf. Seal - the food in airtight Conainers and heats Pt to destroy michoorganisms Chemical Methods: **(2)** Pickling: Use acid to create unsuitable of microbal growth Salt Preservation. Draws out moisture and inhibits Microbal Sugar Preservation, Act as preser water activity in food: thermal Method: Sterilizationi Blanching: Briefly builed food to inactivate enzymes before freezing or dying. 1 ssadiations: Using loniting sochations Kill Micloorganisms, in the without heating-2024.12.19 22:44

3

@ Part - e textilizers: Festilizers are usually the substances provided to the bil to provide the essential nutrients Types of festilizers.

Based on War Composition, expertilizers has
types. two types.

Organic fertilizers:

Organic fertilizers are mostly obtained from

natural Sources such as plants and animal waste. Manure, Compost, Bone med asso organic Hestilizers. Desoganic fatilitées.

These are Chemical manufacturing jertiliters.

Examples: Usea, Ammonium Nitrate, Potash are inorganic Stertilizers. Other types of Fertilizers Dingle nutrient fatilizers (Strongert fertilizers).
Such festilizers Contain only one major nutrient.
Example: Nitrogen fertilizer, Phosphorus fertilizer, Potassium fertilizers 2 Multi-nulsient festilizers: (compound festilizers)
Such fostilizers Contain mose than one
majos nutrient: 2024.12.19 22:44

festilizers: Contain Mitrogen, Phosphorus Totassium . DAP (Diammonium Phosplate): Supplies both Phosphon fertilizers: form, directly mixed with @ Liquid fextilizers: applied through Spraying. Foliar fortilizers Apply directly to plant leaves Part - (d) Structure of teeth: Each tooth has has two man parts. Crowns The visible part of the tooth above the gum. Root: Part of the tooth embedged in the Jaw bone. Cayers of tooth: The outernost layer. It protect 12024112919 22:45

3

Softer and yellowish, lying beneath enamel. Contain time bubes that transmits sonsation: De Pulp:
The unner-most layer, Contain brood versels,
nerves, and Connective tissues. Supplies nutrients and fur types of teeth. ln sors These are 8 in sumber, four is upper and ur in lower jaw. Sharp cutting food and string in Numbro. Two in each jan. pointed and sharp (3) Premelars. · Lying behind the Cannines. · They are 8 in Numbers. Four in each jaw. " Sheepe is broad and singe. · Function is crashing and grinding food. (4) Molans & Back of the Mouth. 12 in number, Six wineach side. · Shape is large and flat.
· Function is Chewing and grinding ford. 2024.12.19 22:45

(2) No os: (a) NITH sakasyatic cell: Prokaryotic cells are those which have not nucleu These Eine generally Smaller in Size 1-e It has circular DAP without distones. lack menbrane bound organelle Bokagotic cells are reproduce by binary fission. JAH Mirmal or absent a toskeleigh Eukaryotic cells they have well developed cytoskelets. It has complex all division - Mitosis and Meiosis is involve Confein Membrane bound organelles. It has the nuclei. Unear DNA, organised into Chromosomos. larger in Size Vi-e 10-100 Um. Parl - B Global Marming: Global warming sefess to the long toom sise in tarth's average surgance temperature due to increase atmosphere: Major Contributors of Marming: Greenhouse gases such as Carbon dioxide (major Contributor), Methane, Nitrous oxide, and Chloroflouro Centons (cfc) are the jos Contributors in A green Global warning. Causes of Global Maxing: These are several nortural and human factors behind global warming: 2024.12.19 22:45

MEIDO.

Nortural Causes:
Madural Causes of global with
Significant as Comprised to
impacts. following are some natural
factors behind global invaring.
1 Volcance exuptions.
(2) Variation of Solar radiations
Anthropogenic Causes:
Human activities are the major
Contributors behind global warming.
These are more conficant as compared
to natural Causes. Some of anthropogenic
activities that cause global waxming, are
the following!
Desping of facil fuels for
enorgy.
(2) (Defosectation, sesulting in seduction
of Carbon Sinks.
3) Industrial Process releasing green
house gases.
4 Unplanned agriculture activities,
Particularly Livestock Harming.
J. C.
2024,12.19 22:46

Effects of Global Warning: Rising Temperature and increasing intensity of heatware. · Melting of Glariers leading to Rising Sea levels. Extreme weather events, leads to hurricanes, droughts, and if loods Loss of Biodiversity. Release of of Combon dioxide can cicidifie oceans which can affect makine light. Solutions to Mitigate Global Marming. It is impossible to curb Global Marming at once. But & by adopting some measures we can Seduce Global warming. Transition to renewable energy cources (1) Increasing energy efficiency Reforestation and afforestation. delapting Custaible agriculture Practices: Recycle waster (iv) Decluce, Rene (CFCU WILL 2024,12.19 22:47

Kyoto Protocolo Kyoto Protocol is an infognational treaty adopted on December 17, 1937, in Kyoto Japan-And entered into force on Forwary - 2005. It aimed to Combat climate changes by reducing the emissions of Greenhouse gases. Mechanism for Reducing Emission.

o Allow developed Countries to invertin emission-reduction

Projects in developing Countries o Fermit investment in emission geduction projects in other Countries. Criticism of Kyoto Protocol:

Limited enforcement Mechanism

Withdrawl of USA weakend the agreement.

Exclusion of major developing Coutries like India and china ofrom binding tangets. Geographic Omformation System (GIS):

Geo Onformation System is a system that is used to

Collect and analyze spatial information Ot enable Users to interpret sportful days to uncovern patterns and gelations hips 2024.12.19 22:47

(3)

\_\_ivuiliber of Cont./Sheet: romponents of GIS: Hardware Components, Softwares, and maps and satelite images. Function of The system gathers spatial data through various organise the data officiently- The System the analyze the dala and then visualize it. sector create maps based on After Visualization, the users to make decision. help data to the Applications of GU: GIS can be used Such as: 2024,12,19 22:47

Ousban Planning: Gis is used infrastructure
Ousban Planning: Gis is used infrastructure development, land planning, and environmental monitoring.
Tracking of natural sessuage could be done with
the help of GIS.
3 Transportation: GIS can be used for route planning
and logistic entimization.
(a) Agrico Plusa
Agriculture Montoring, Soil analysis, and Precision.
(5) Gis can be widely used in disaster managemen
Challenge of GIS:
1 Dutdated data can lead to flagted analysis and
decisions
(i) Operating GIS IS a Complex job and need an
expert to operate the system.  (ii) GIS system is copy and it is difficult for
Some organisations to implement.

Section II 6: Part - C: Given dada 1 Diameter of a circle = 6cm Required data: Circumference of circle = ? Arrea of Cixcle =? Calculation: As Dometer is = 6cm Redius will be 8 = D = 6 8= 3cm. Now Cixcumperence of Cixcle = 2 TTS C = 2 (3.14)(3) C= 6 x (3.14) C=18.84 m/ Now Area of Circle A= (3.14)(3)2 A = (3.14)(9) A = 28.26 m2

$(l\delta)$
Part - D
Missing number
Missing number.  (i) 13,24,46,90,178,
Missing number is "354" The numbers are differentiating with multiples of 27.
The numbers are differential with making
Thurst of The
(ii) 5,6,9,24,22,
Missing number is 30-
The numbers are different by Consecutive odd numbers
2024,12,19 22:48

