day/date Insufficient length OCK Gram Css-2025 No diagrams Work on math portion CUY - 08 Implone paper presentationan Batch: 59 (online General Science 6 Part - II rection -Differentiate Climate and Environment. Pakistanz to the like agricultural burning. (b) write a mote on vitamins Vole in Human body? nutrients gre essential human Sole into two Categories: AD & and K . Vitamins are important duction, immune function, developmend

day/date lop-27 and goal of Compase Climate Cop-27 and/ Cop-28 ans: addressing climate Change. Cop-27 emphasized the argent action, while P-28 aims to global efforts and imples global sto limit glob 1.500 and achieve net implement limit global warming to 20503 What are Active and passive sensors? How these are used in G.1.89 Active Gensors emil energy to data, while passive enisting chergy. Cols, active Sensors Uand Valer are used mappin Satellite imagery and used for Land use classification and Change detection. aestion # 03 -What are buses? Discuss their (a) m Computer. Also draw block diagram of input and output devices in Computers are Communication Pathways that altow data and Instructions to be transmitted between different (Vicky)

day/date Components of a Computer System. There are Serveral types of busse, and Including address buses, data buses and Control buses. Block Diagram of a Computer: Stroage Unit Bata > Input Unit -> Secondary Storage Prima Output Storac Unit mation Control Unit (cv) vitt natic and > Data flow Tical Unit --- Control flow Central Processing block Stagram of input and output would include they device in a somputer Keyboard nouse and other Input devices which Processes the data and Sends it to Outat devices Such as the monitor, printer, and Speakers.

day/date B. Define optics. How objes an optical V fiber work? on: optics is the branch of Physics that deals with the behavior and properties of light, including its interactions with matter. optical fibers are thin glass or Plastic fiber that transmit data as light Pulses through the fiber, which is received at the other and and Convexted back into digital data. Define the following term. Hypocentex: The hypocentex is the point within the b Earth where an earthquake (39) Apprular lunar Edipser An annulax Janax Celipse Oclus when the Moon passes the Earth is annulus (ing of lights, lausing the moon light (iBi) Epicenter :-The excenter is the point on the earth's Suppace directly above the hypocenter of an earthquake. magna is molten rock beneath the Earthes Sugace. bank matter:-l (v)

day/date Drat matter is a hypothetical from of matter that is thought to make up approximately 27% of the universe, yet. It is invisible and has not been dricatly detected. d. Differentiate Big Bong and Big Exunch.

Whow age of the miverse is measured?

Ans: The big body theory Juggest that the

Coniverse began as a sugularity and

Enpanded Varidly around 13.19 billion

Years ago. While the Big Bang Crunch

theory Juggest that the Poiverse will

eventually Collapas back into a Sigularity.

The age of the Universe is measured by

Observing the Osmic Microwave background

Variation. The admin James of light. Vadiation, the Sundance Of light elements, and the Properties of globular Clusters and Other Celestial objects. Declion # 02 ds of cylinder is 8cm and height (a) Somo Final the volume? Solytion: