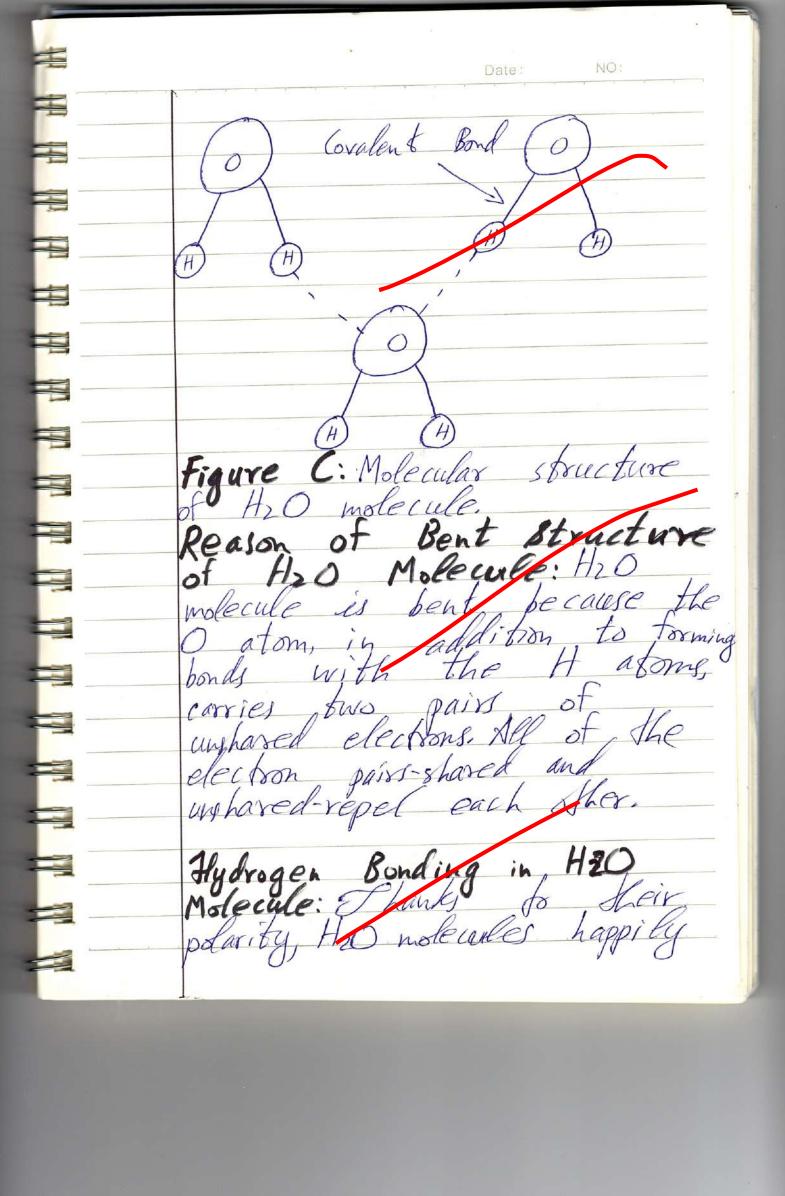
Good for theory portion Mock-7 for C88 2024 Keep length equal for all General Science And Abrevers, Improve paper presentation PART-II Write complete logic and SECTION-I steps in math portion tew plants

NO: Date: (iii) Trifluxalin. n: Insecticides them undervable or destructive Porpyritas, rganophosphates examics: tion: Ceramics inorganic, non-metals shaped

temperatures (Figure

Pauler Date: NO: Pluggind & Separation Ellifinished Ware Figure A: Formation Ceramic.

NO: Date: Sun where CH4 Industry-Earth B: Green house Figure Answer: Bonding
Molecule: understand bonding to understand remi overall structure



NO: with Water Maleule Oxygen (H)+ Hydrogen D: Bonding molecul tractions are Example vaction electronegative oxuna partial (c) Used Waves radio waves Radar

NO: Date: omagnetic are and travel Outgoing o waves B Radar -> Coming Radio Figure Radar E: 1 trequency short and Sonar Sonar 1

(iii) Waves Used Lidar Lidar systems use light from pulsel laser beams with a wavelength in the new-intraved range (NIR) (Figure G). Liday scanner mounted Wave Generalor Figure G: Waves used (iv) Waves Used radio waves transmitted to fixed Stations (Figure H)

-1 Date: NO: < Buse Station EBASE Station Base Station Receiver Switching Center Figure H: Waves used mobile phones, (v) Waves, Used X Fransistors & Thermiston: waves used changes temperature, Answer: Artificial Intelligence: Definition: Artificial intelligence

Advantages of Artificial Intelligence of artificial intelligence are given below! the time taken to complete (ii) At mables the execution of hitherto complex tasks without significant cost out lays.

(iii) AI operates 24/7 without interuptions or breaks and has (iv) AI augments the capabilities of different abled individuals (v) AI has mass masket potential, it can be deployed accords industries Disadvantages of Artificial Intelligence: The disadvantages of AI are as follows:

(i) Use of AI is more likely to increase human laziness. (ii) As affective but also expensive,

Date: NO: (iii) As AI can do work effective with O'I, extor, it will increase unemployment.
(iv) Since AI systems make predictions based on a set algorithms, these can Pack creativity.

(v) AI systems can work.

Faster and wishout a break,
but they cannot evaluate
emotions before making a decision. Question no. 5: Ammer: GPS: (d) Definition. Global Positioning System (GPS) is a satellite based radio navigation system frique Satellites = Figure 1

start of GPS: GPS was tarted by the US epartment of Defence in consists Accuracy of GPS:

GPS unit is normally accurate to within two meters Circular Error Probability (CEP). Increase in Accuracy of GPS: The accuracy of GPS is further increase through algorithms built into GPS insights. GIS: Definition: Geographic Information
Bystom (GIS) may be defined
as a computer system that
analyzes and displays geographically
referenced information.

Date: NO: Start of GIS: as computers and ear concepts of quantitative computational geography emerged. Developer of GI. In 1960, Roger Tombin (17-11-1933 to 7 Febr In 1960, Roger Tombinson (17-11-1933 to 7 February, 2014), who was an English Canadian geographer, known of the Father of GIB, worked through his pioneering work to initiate of of the x dei initiate, plan, and develop the GIS. abour, budget. It allows employees be more efficient wh mapping out job site to the sheer volume data Shey can acces.

Date: NO: · cladding e L: Working h light internal mirror-like Answer: Block Diagram of Input and Output Devices of Computer: Becondary Martool Flow Information 1 Data Soudant Unit ALU

NO: Date: Question no. 7: (a) Solution: Olcupied Seals=325 Wenkhon Percentage - Part x 100 Whole Perceh = 8.8125×100 = 81.25% Ans affendance at capacity es

Ist Number of People = 30 people Ist Weight of Sugar = 40 kg Ist Time = 10 days NO: 2nd Number of People = 80 2nd Weight = 320 kg persons Compound 0:320 of 10. x = 80x40:30x320 = \$200x 9600 Since vatios are equal, product
of extremes is equal to product means 40:x = 3200:9600 10x9600-xx/9600)x (3200) 3200 x=10x9600 Divide by 3200 on both sides

3200 x = 10x 4600
3200 = 10x 4600
3200 = 3200

-

1

Date: Hence, 80 persons will use 320 kg sugar in Given Data Distance Travelled Boush = 5 km (i) Distance Travelled West=3km (ii)
Distance Travelled North=4km (iii) Distance Travelled South-East = 2km (iv) Distance From Start = ? We will use vector displacement weethod N 1 Y-Axis X-AND E WK

Date: Step-1: According to eq. (i) NO: (0,0) Storting Point Step-2: According to eq. (ii) (0,0) (-3,-5) (0,-5) VB Stop-3: According to eq.(iii) (0,0) Z (0,-5) (-3,-5)

Date: NO: Step-4: According to eq. (iv) V3,-1/ (-1,-3) (0,-5) Diplacenous We know this Distance of x-1xist Distance of near raxis).

(Distance of y-axis - Distance of nearer y-axis) By pusting values we get Distance=1(-1-0/2+1-3-0 P = TIDkm Jus.

(d) Solution: Siven Onfa radius of cylinder = x height of cylinder = 10 cm volume of cylinder = 36 cm know Hence, volume of cylinder is

Date: NO: Question ho.8. Solution: well BROTHER as QDG SNQA BROTHER technique reverse PDSRHR word for SISTER wriften

Date: (c) Solution: Given Data Length=l Perimeter= ? We know that Area= exw Justing values, we get Area= (15)(12) =180 cm2 es, we ges

Hence shape Definition: Mean may be humbers Given Data 19e=15, 15, 16, 16, 16, 17, 17, he know Total Puffing Mean Vumper 4/6/16, 17,17,18,19 149 16

Date: NO: (c) Solution: Given Data Length= (Width=12 cm Perimeter= know Shar hosting values, we get Now, Perimeter= 2 we ges

= 16 (1) Medium Définition: Medium may Definition: Mole may number age (number) mode. Hus wide

Date: itjon: Range may Ages=15, 15, 16, 16, 16, 17, 17, 18,19 Range=? We know that Range = Higest value-smalles f By Patting datafratues, Range = 19-15 4 Aus. (iv)