



50035



12. a) Draw the architecture and explain in detail about MIL-STD-1553B digital data bus. (16)  
(OR)
- b) Explain in detail about ARINC-429 Civil avionics digital data bus. (16)
13. a) Explain in detail about working principle of CRT. (16)  
(OR)
- b) Write short notes on :  
i) HUD. (8)  
ii) HMD. (8)
14. a) Explain in detail about inertial navigation system and its various advantages and disadvantages. (16)  
(OR)
- b) Sketch and explain in detail about Global Positioning System. (16)
15. a) Explain in detail about :  
i) Airspeed indicator. (8)  
ii) Mach hold autopilot. (8)  
(OR)
- b) Sketch and explain in detail about various lateral autopilot system. (16)