Chap-2

1. What is meant by number system Define its types. **(Grw-2021) (Grw-2021) (BWP-2021) (MLTN-2023) (LHR-2022) (BWP-2022) (Grw-2022) (Lhr 2021) (DGK-2021(mor)) (DGK-2021(eve))(Grw-2021) (Lhr 2021) (BWP-2023)**

2. What is difference between bit and byte? **(DGK-2021(mor)) (DGK-2021(eve))(LHR-2022) (Grw-2021) (Lhr 2021)**

3. What do you mean by the Base or Radix of a Number System? **(MLTN-2022)(BWP-2022)**

4. How is Data represented in Computer? **(Grw-2022) (DGK-2021) (BWP-2022)**

5. Define commutative law / Distributive law / identity law **(DGK-2022) (Grw-2022) (LHR-2022) (RWP-2022) (BWP-2022)**

6. Define Boolean algebra / expression **(LHR-2022) (BWP-2021) (DGK-2022) (Grw-2022) (RWP-2022)**

7. What is meant by logical expressions? **(LHR-2022) (Grw-2022)**

8. Define memory and write the name/Define its types. **(MLTN-2021) (Grw-2021) (BWP-2021) (RWP-2022) (Lhr 2021)**

9. How a statement is considered as boolean proposition? / Give example of proposition **(MLTN-2022) (FSD-2023) (RWP-2023) (Lhr 2021) (MLTN-2022)**

10. Define truth table / Values **(BWP-2022) (LHR-2022) (BWP-2021) (MLTN-2021) (Lhr 2023)**

11. Write four names of Storage Device / Secondary memory **(FSD-2023) (Grw-2022) (DGK-2022)**

12. What is difference between memory and storage? **(MLTN-2023) (DGK-2022)**

13. Define ASCII code. **(FSD-2023)**

14. What do you know about non-volatile memory? /Write down difference between volatile memory and non volatile-memory / Why RAM is called volatile memory. **/** Explain Volatile Memory with example / Why we called secondary memory is non- volatile memory. **(MLTN-2022(Mor)) (Lhr 2021) (BWP-2023) (DGK-2021) (MLTN-2021) (Grw-2021) (BWP-2022) (Grw-2022) (LHR-2022(MOR)) (LHR-2022 (eve)) (MLTN-2021) (LHR-2022) (MLTN-2022(Eve)) (RWP-2022)**

15. Write names / Define all Logical operator **(DGK-2021) (BWP-2023) (Grw-2022) (MLTN-2022) (BWP-2022) (Grw-2021)**

C.Q's

1. Draw Truth Table of logical NOT / AND / OR operator **(MLTN-2022) (LHR-2022(Mor)) (LHR-2022(Eve)) (DGK-2022) (MLTN-2021) (MLTN-2023) (BWP-2022) (Grw-2022) (Lhr 2023) (LHR-2022) (Grw-2021) (RWP-2023)**

2. $(11600001)_{10}$/ $(69610)_{10}$ / $(101111)_2$ / $(357)_{10}$ convert into hexadecimal **(LHR-2022) (MLTN-2022) (RWP-2023) (Lhr 2021) (Grw-2022)**

3. Convert $(1000001)_2$ / $(C\ 921)_{16}$ / $(1024)_{16}$ $(1011)_2$ / $(CF21)_{10}$ into Decimal Number System. **(BWP-2022) (BWP-2023) (DGK-2022) (LHR-2022) (DGK-2021) (FSD-2023) (MLTN-2021) (MLTN-2023)**

4. Prove that : A.B.C=C.B.A / A.B= B.A **/** x + y = y + x **(BWP-2022) (MLTN-2022) (RWP-2023)**

5. Convert $(A23)_{16}$ / $(A23)_{16}$ / $(160)_{10}$ / $(158)_{10}$/ $(156)_{10}$ / $(A23)_{16}$ / into binary number system. **(MLTN-2022) (MLTN-2021(Mor)) (MLTN-2021(eve)) (RWP-2022(Mor)) (BWP-2022(eve)) (Grw-2022)**

6. How to convert binary number to a decimal, with an example **(Lhr 2021)**

7. Draw compound proposition table of P+Q+NOT(P). **(Grw-2022)**

8. Write the truth table for X and Y if X= today is Friday Y=It is very cold today **(BWP-2022)**

9. Write expression using associative Law using AND and OR operator **(MLTN-2022)**