# DELHI PUBLIC SCHOOL, JAMMU
## SESSION: 2021-2022
### Date:25-10-2021Assignment-III

**CLASS: VI**                                                 **Total Marks:-20**
**SUBJECT:COMPUTERS**

**TOPIC: Ch. 13:Digital Representation:Text, Image, Video, Audio.**
**Ch14:Graphs and Trees.**

**Based on your understanding of the E-Lectures-cum PPT's, answer the following Questions:**

**Very Short Questions:-**

1. The rule used to Encode/Decode Text and Numbers is _____.                    (1)
2. The rule used to Encode/Decode Images is _____.                               (1)
3. All ASCII codes starts with a _____(Null) .                                 (1)
4. Each point in a bitmap of images is called _____.                            (1)
5. While making videos each image is called a _____.                            (1)
6. A _____ is a pictorial representation of a set of objects where some pairs of objects are connected by links.                                            (1)

**Short Type Questions:-**

7. What is Digital Representation?                                                  (2)
8. What rule is applied for Audio and Video Files?                                 (2)
9. What is Vertex?                                                                  (2)
10. What is Edge?                                                                   (2)

**Long Type Questions:-**

11. Why is a 1080 pixel video is better than 720 pixel video?                      (3)
12. What is Weighted graph?                                                         (3)

**You-tube Links**

1. https://youtu.be/gXgEDyodOJU
2. https://youtu.be/qH6yxkw0u78
   **Note:-**
   1. **Due Date of Submission:1-11-2021**
   2. **Send Your answer here:**
      **Minkashi Gupta's Email i.d :** meenakshigpt260@gmial.com
                      **Or**
      **Whatsapp no. :- 9086759101**
   3. **Students must mention their name, class/section and date of their assignment.**
   4. **Your assignment will be marked for Internal/Term assessment. Therefore, it is necessary for you to submit on time.**