<u>Solutions - Week 4 Assignment</u>

1. Which of the following is a form of privacy?
   a. Communication
   b. Territorial
   c. Bodily
   d. All of the above

2. Which of the following statements correctly describes pragmatists?
   a. make decisions about privacy keeping the situation in mind
   b. don't give away personal information
   c. give away their personal information very easily
   d. None of the above

3. Which of the following options was chosen by 'maximum' participants on how did they feel about their privacy on OSN?
   a. It is a concern, but still I share personal information
   b. It is a concern, hence I do not share personal data on OSN
   c. Even though I have specified my privacy settings, I am concerned about about privacy of my data
   d. Since I have specified my privacy settings, my data is secure from privacy breach

4. Which of the following attributes were reidentified by Latanya Sweeney's user linking work?
   a. Ethnicity, birth date, sex
   b. Zip, birth date, sex
   c. Address, birth date, sex
   d. Name, birth date, sex

5. Which of the followings can be classified as unidentified sources of user data as per in the paper discussed in the lectures?
   a. Twitter
   b. Shaadi.com
   c. Tinder
   d. Quora

6. Choose the statement/s which is/are true about TensorFlow
   a. It was developed by Microsoft
   b. It is an open source framework
   c. It can be used for face recognition applications.
   d. None of the above

7. Use the Graph API to collect the posts made by NPTEL's official Facebook page (https://www.facebook.com/NPTELNoc/). What is the total number of posts made by the page between 1 June 2017 and 8 August 2017 (both days included)? Mark the closest match in case your answer does not exactly match one of the options
    a. **41**
    b. 55
    c. 63
    d. 78

8. Which of the following is the correct page ID of the Narendra Modi's verified Facebook page? Use the Graph API to determine the correct answer.
    a. 18839785
    b. 100012486090226
    c. **177526890164**
    d. 185784491446349

9. Which of followings is responsible for making reidentification of individuals from multiple networks easier?
    a. Increase of public self disclosures
    b. Improving accuracy of facial recognition
    c. Publicly available data on multiple websites
    d. **All of the above**

10. Which of following is **NOT** responsible for making reidentification of individuals from multiple networks difficult?
    a. Presence of pseudo names
    b. Possibilities of multiple matches with similar attributes
    c. **Presence of profile pictures**
    d. Lack of common attributes across multiple social networks

11. What are the challenges in using and managing big data?
    a. Large amount of data available.
    b. Several forms of the data is available, structured and unstructured.
    c. Lot of inconsistencies observed in the data.
    d. **All of the above**

12. Check the true statement
    a. Twitter is a bidirectional network while Facebook is an unidirectional network
    b. **Twitter is an unidirectional network while Facebook is a bidirectional network**
    c. Twitter and Facebook are unidirectional networks
    d. Twitter and Facebook are bidirectional networks

13. How many results does the Graph API can return per page by default?
     a. 25
     b. 20
     c. 100
     d. 10

14. According to the data collected during the Boston Blasts in 2013, after how much time(approx.) from the event did the first image about the event appear on Twitter?
     a. 4 seconds
     b. 40 seconds
     c. 4 minutes
     d. 40 minutes

15. Read the following two statements about **Twitter Streaming API** and choose the most appropriate answer:
     A: It tracks a user's tweets in real time
     B. It can fetch past tweets of a user
     a. Statement A is true, Statement B is false
     b. Statement A is false, Statement B is true
     c. Both statement A and B are true.
     d. Both statement A and B are false

16. sudo apt-get build-dep mysql-server command will
     a. Install builddep and mysql-server
     b. Install and create all dependencies for mysql-server
     c. Deploy MySQL server
     d. None of the above

17. In Mongo, a database is created by the command:
     a. create <database_name>
     b. new <database_name>
     c. use <database_name>
     d. create_db <database_name>

18. What methodology was followed to create FBI?
     a. Generating feature vector -> supervised learning -> ground truth extraction -> REST API
     b. Supervised learning -> Generating feature vector -> ground truth extraction -> REST API
     c. Ground truth extraction -> generating feature vector -> supervised learning -> REST API

d. Ground truth extraction -> supervised learning -> generating feature vector ->
REST API

19. In which of the following incidents as discussed in the lectures, fake images created a lot of misinformation and panic?
a. **Chennai Floods**
b. **Hurricane Sandy**
c. White house explosion rumor
d. **Boston marathon**

20. Which of the following features belong to the feature set of **Tweet meta data** as used in TweetCred?
a. **Source of tweet**
b. **Geo-coordinates**
c. Length of tweet
d. Number of retweets