PJ-460

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100330

III Semester M.Sc. Examination, January - 2020
(CBCS Scheme)
MSC-304 : CYBER SPACE (OPEN ELECTIVE) COMPUTER SCIENCE

Time : 3 Hours   Max. Marks : 70

PART-A

Answer **all** questions. Each question carries **two** marks.   **10x2=20**

1. What is an IP address ? How is it used for any communication in the network ?

2. What is html ? Discuss structure of html.

3. What is DNS ? Why is it used in network communication ?

4. What are the various Top Level Domains ?

5. What are the functions of Cyber Appellate Tribunal (CAT) ?

6. What are the Privacy Laws which are applicable for protecting private personal data in India ?

7. Mention six B2C e-commerce portals/websites.

8. Mention any four objectives of a virus.

9. Assuming a person buys a stolen computer, how is he/she liable for punishment under IT Act, 2000/8.

10. What are the functions of web browser ?

PART-B

4x5=20

Answer **any four** questions. Each question carries **5** marks.

11. A person was trying to get photographs of a girl without her knowledge at a hotel in Mumbai. The girl snatches the mobile phone from the person, and she finds that he had taken photographs of private parts of the girl. She immediately calls the police, and the police reach the spot in no time. What are the options for the police and the girl to penalize the culprit according to the rule of law ?

12. Governments of Union, and Karnataka have introduced many direct fund transfer schemes. What are the objectives of the direct money transfer schemes ? mention some direct money transfer schemes of union, and the state, and discuss.

13. What are basic motivation for e-commerce offences. Mention various e-commerce offences ? What are your suggestions to a person to protect himself from e-commerce offence.

14. What is digital signature ? How do one procure, and protect digital signature according to IT Act,2000/8 ?

15. Discuss advantages, and disadvantages of social media Watsapp and Facebook.

16. Discuss relevant sections of IT Act, 2000/8 of offences and penalties.

PART-C

Answer **any three** Each question carries **10** marks. 3x10=30

17. Pushpa accept Ravi as a Facebook friend accidentaly. Ravi continues to interact with Pushpa over messenger applications. Ravi and Pushpa had only one mutual friend Sudha, prior to Pushpa accepting Ravi as a Facebook friend. After some time Ravi starts harrassing Pushpa by sending her own morphed photographs which were obscene in nature. Pushpa immediately lodges complaint with cyber police in Bangalore. Ravi knowing this closes/deletes the Facebook account. Later sudha confesses to Pushpa that she had created an account in Ravi's name and was harassing Pushpa. Sudha is in America Now, the police case is continuing, and police are unaware that Sudha had created Facebook account in Ravi's name. Under what sections of IT Act, 2000 Sudha can be booked ? What are the options before the police, and Pushpa now ? Discuss.

18. What are the various stages of e-governance. Discuss each stage with a case study.

19. Discuss types of e-commerce with a suitable examples and mention their advantages and disadvantages.

20. How can social media be used at the time of Natural disaster. Illustrate your answer with a suitable example.

21. What are your advice to children who are using social media ? How do you make sure that they are safe in the usage of social media.

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