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PG – 941

III Semester P.G. Degree Examination, February 2017
(CBCS)
COMPUTER SCIENCE
Cyber Space (Open Elective)

Time : 3 Hours   Max. Marks : 70

Instructions :   1) *Part **A** : Answer **all** the questions.*
                    2) *Part **B** : Answer **any four** questions.*
                    3) *Part **C** : Answer **any three** questions.*

PART – A

Answer **all** the questions. **Each** question carries **2** marks.   **(10×2=20)**

1. Define the term internet.

2. What is DNS ?

3. Expand HTTP and URL.

4. Define the term e-commerce.

5. What are the advantages of e-commerce ?

6. Define the term ERP.

7. What is e-governance ?

8. What is G2G, G2C, B2B and B2C ?

9. What does a 'computer network' mean in the Information Technology Act, 2000 ?

10. What is cyber stalking ?

PART – B

Answer **any four** questions. **Each** question carries **5** marks.   **(5×4=20)**

11. Explain how e-mail works.

12. Explain the advantages and disadvantages of social media.

13. Differentiate between the traditional commerce and e-commerce.

14. Explain the significant issues that are required to implement e-commerce.

15. Explain the stages of e-governance in detail.

16. Explain digital signature under the Information Technology Act, 2000.

P.T.O.

PART – C

Answer **any three** questions. **Each** question carries **10** marks. (10×3=30)

17. a) Differentiate between web browser and web server. 4
    b) Explain the various classes of IP address. 6

18. a) Explain the components of search engine. 4
    b) Explain the following html tags with example. 6
       <OL>, <FONT> and <IMG>

19. a) Explain the various driving forces behind e-commerce. 5
    b) Explain the impacts of e-commerce on business. 5

20. What are the working strategies of e-governance in order to provide an efficient service to the society ? Explain in detail. 10

21. a) Write a short note on the following : 6
       I) Electronic record.
       II) Cryptography.
       III) Spamming.
    b) What are the punishments for identity theft under the Information Technology Act, 2000 ? 4

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