

Name : .....

**Fifth Semester B.C.A. Degree Examination, February 2021.**

**Career Related First Degree Programme under CBCSS**

**Group 2 (b) : COMPUTER APPLICATIONS**

**Core Course**

**CP 1542 – INFORMATION SYSTEMS AND KNOWLEDGE MANAGEMENT**

**(2018 Admission Regular)**

Time : 3 Hours

Max. Marks : 80

**SECTION – A**  
(Very short answer type)

(One word to maximum of two sentence, Answer all questions)

1. Define Data. |
2. State a different between Data and Information. |
3. Define Artificial intelligence. |
4. List the characteristics of knowledge. |
5. What is Business Intelligence? |
6. Define Knowledge Network. |
7. Give the purpose of Knowledge Management System. |

**P.T.O.**

8. Define SWOT analysis.
9. What should be the objective of a training programme?
10. Give the importance of Knowledge Transfer Partnership.

(10 × 1 = 10 Marks)

SECTION – B  
(Short Answer)

(Not to exceed one paragraph, answer any **eight** questions. Each question carries 2 marks)

11. Give a short description of Information System.
12. Write short note on Total Quality Management.
13. Define Expert system.
14. What is organizational learning? Why is organization learning important?
15. Write short note on Work Place Knowledge.
16. Explain Data Modelling with an example
17. Compare Information and knowledge.
18. Explain Knowledge Management Cycle with a diagram
19. Write short note on Knowledge Management System.
20. Give brief note on the prominent ways and mechanisms of knowledge transfer.
21. List the driving force behind Knowledge Management.
22. Write short note on Knowledge Management System Lifecycle.
23. What is Knowledge transfer?

24. Write short note on Knowledge Sharing.
25. Explain Knowledge Asset.
26. Explain distinguishing features of Knowledge Management system.

**(8 × 2 = 16 Marks)**

**SECTION – C**  
**(Short Answer)**

(Not to exceed **120** words, answer any **six** questions. Each question carries **4** marks)

27. List down the Pros and Cons of Total Quality Management. 2
28. Briefly explain the various branches of AI. 1
29. Write few lines on barriers related to people. 1
30. Write short on Neural Network. 1
31. Draw Knowledge Management Activities tree. 4
32. Shortly describe Knowledge Acquisition Techniques. 1
33. Draw the Knowledge Acquisition Techniques Tree. 4
34. List the guideline questions to assess the impact of Knowledge Management System. 1
35. Give brief note on the factors that an Organization Learning depends on. 1
36. Explain the roles played by HR in developing Knowledge Management system. 1
37. Explain the four stage cycle of Individual Learning. 1
38. Integrated KMS with extensive use of ICT provides a knowledge lever to managers to make better decision. Justify. 4

**(6 × 4 = 24 Marks)**



**SECTION – D**  
**(Long Essay)**

(Answer any **two** questions. Each question carries **15** marks)

39. Explain how Information System evolved through years. 5
40. Briefly discuss the modelling and analysis techniques of Business Intelligence.
41. Describe Knowledge Management System Lifecycle. 3
42. Explain OODA Loop Model and Oinas-Kukkonen Model.
43. Discuss Knowledge Acquisition Techniques.
44. Discuss the five core disciplines of Learning Organization.

**(2 × 15 = 30 Marks)**

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