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| **University of Kerala** | | |
| Discipline: Computer Science/ Computer Application |  | Time:1Hour30Minutes(90Mins.) |
| Course Code: UK1DSCCSC100/ UK1DSCCAP100 |  | TotalMarks:42 |
| Course Title: 1. UK1DSCCAP100: FUNDAMENTALS OF IT & COMPUTERS  2.  UK1DSCCSC100: Essentials of Computer Science |  |  |
| Type of Course: DSC |  |  |
| Semester:1 |  |  |
| AcademicLevel:100-199 |  |  |
| TotalCredit:4, Theory:3 Credit Practical: 1 Credit |  |  |

Part A.6Marks.Time: 6Minutes

Objective Type. 1MarkEach.

Answer All Questions

(Cognitive Level: Remember/Understand)

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| **Qn.**  **No.** | **Question** | **Cognitive**  **Level** | **Course**  **Outcome(CO)** |
| 1 | The expansion of BIOS is ….. | Remember | CO1 |
| 2 | The stored program concept was introduced by ………. | Remember | CO1 |
| 3 | What is a search engine? | Understand | CO2 |
| 4 | Name any two video conferencing services | Remember | CO3 |
| 5 | What is a private cloud? | Understand | CO4 |
| 6 | Define Paas. | Understand | CO3 |

PartB.8Marks.Time: 24Minutes

Short Answer.2MarksEach

.Answer All Questions

(Cognitive Level: Understand/Apply)

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| **Qn.**  **No.** | **Question** | **Cognitive**  **Level** | **Course**  **Outcome(CO)** |
| 7. | Illustrate the memory hierarchy. | Understand | CO1 |
| 8. | What is HTTP? | Understand | CO2 |
| 9. | Is e-commerce beneficial to us? Justify your answer. | Understand | CO3 |
| 10. | Suggest a recommendation System for finding the location and explain how it is useful. | Apply | CO4 |

Part C.28 Marks.Time: 60 Minutes

Long Answer. 7marks each. Answer all 4 Questions, choosing among options within each question.

(CognitiveLevel: Understand/Apply/Analyse)

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| **Qn.**  **No.** | **Question** | **Cognitive**  **Level** | **Course**  **Outcome(CO)** |
| 11. | a)Analyse the importance of memory in a computer. Write down the classification of primary memory in detail. OR  b)Compare different software categories. | Analyse | CO1 |
| 12. | a)Suppose you want to conduct an online survey among fifty students in FYUGP. How do you collect data from them? Explain how you validate them also.    OR  b)Suppose you want to conduct an online seminar in your class on a holiday. Choose a good video conferencing service for it and explain its features | Apply | CO2 |
| 13. | a)Write the situations where augmented reality will be seen in your daily life  OR  b)Explain cloud computing and services in detail | Analyse | CO3 |
| 14. | a)Explain any two speech recognition tools and their features  OR  b)Explain the advantages and challenges of the recommendation system. | Apply | CO4 |

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| C**ognitive Level** | **Marks** | **Percentage** |  | **Course Outcomes** | **Marks** | **Percentage** |
| Remember | 3 | 7.2 |  | 1 | 11 | 26.19 |
| Understand | 9 | 21.4 |  | 2 | 10 | 23.81 |
| Apply | 16 | 38.1 |  | 3 | 11 | 26.19 |
| Analyse | 14 | 33.3 |  | 4 | 10 | 23.81 |
| **TOTAL** | **42** | **100** |  | **TOTAL** | **42** | **100** |