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Question Paper Code: 59221

B.E./B.Tech. DEGREE EXAMINATION, DEC 2020

Elective

Computer Science and Engineering

15UCS921- E LEARNING TECHNIQUES

(Regulation 2015)

Duration: 1.15 hrs

Maximum: 30 Marks

PART A - (6 x 1 = 6 Marks)

(Answer any six of the following questions)

1. Which is not a type of Cognitive Learning CO1- U
(a) Classical conditioning (b) Operant conditioning
(c) Observational learning (d) Machine Learning
2. What % of global fortune companies use some form of e-learning? CO1- R
(a) 40 (b) 39 (c) 43 (d) 46
3. The way leader works is by acting as a parental figure by taking care of their subordinates as a parent would. CO2- U
(a) Democratic Leadership (b) Autocratic Leadership
(c) Paternalistic Leadership (d) Strategic Leadership
4. What web2.0 tool is best for collaboration CO2- R
(a) Blogs (b) Podcasts (c) Wikis (d) Glogs
5. What skills does a tutor possess CO3- R
(a) Problem solving & creativity (b) Communication skills
(c) Learning & Adapting (d) All the above
6. Two basic issues to address in training evaluation are CO3- R
(a) Design of evaluation (b) The things to measure
(c) In-house development (d) Both A and B

7. Assessment which requires students to demonstrate that they have mastered specific skills and competencies by performing or producing something? CO4- U
- (a) Summative assessment (b) Authentic assessment
- (c) Performance assessment (d) Formative assessment
8. The idea of practical learning means education should apply to the CO4- R
- (a) Society (b) Practice (c) Realworld (d) Abstract knowledge
9. Remote infrastructure management (RIM) is the management that includes CO5- R
- (a) IT infrastructure (b) Hardware infrastructure
- (c) Software Infrastructure (d) All the above
10. One of the following is not an open source software: CO5- R
- (a) DSpace (b) Windows (c) Green-stone (d) Linux

PART – B (3 x 8= 24 Marks)

(Answer any three of the following questions)

11. What is the significance of E-content development in Education? CO1- U (8)
12. List out the E-learning approaches and elaborate it with your own examples. CO2- U (8)
13. What is a task analysis? Perform task analysis for the following example of an e-learning course aimed at improving food security analysis and promoting its use in decision-making. CO3- U (8)
14. Enumerate the items that are needed to develop an e-learning course? Explain in detail it with suitable examples. CO4- U (8)
15. List out the different media that can be used to illustrate the online content. Stress the importance of them and also provide how to avoid overloading the working memory of the learners. CO5-U (8)