Reg. No. :

Question Paper Code: 59219B

B.E./B.Tech. DEGREE EXAMINATION, SEP 2019

Elective

Computer Science and Engineering

15UCS919- HUMAN COMPUTER INTERACTION

(Regulation 2015)

Duration: One hour   Maximum: 30 Marks

PART A - (6 x 1 = 6 Marks)

(Answer any Six of the following Questions)

1. Output in the human occurs mainly through _____ of the   CO1- R
   effectors.

   (a) Motor controls   (b) Experience   (c) Senses   (d) Education

2. _____memory acts as a 'scratch-pad' for temporary recall of
   information

   (a) working memory   (b) sensory memory   (c) episodic memory   (d) semantic memory

3. _____ is the support for the user to determine the effect of   CO2- R
   future action based on past interaction history.

   (a) Familiarity   (b) Generalizability   (c) Predictability   (d) Consistency

4. WIMP stands for   CO2- R

   (a) windows, icons, menus and pointers

   (b) windows, icons, menus and pull-down menus

   (c) windows, internet, menus and pointers

   (d) None of these

5. _____ comprises a number of pages and a set of links that are   CO3- R
   used to connect pages together.

   (a) Hypermedia   (b) Hypertext   (c) Multimedia   (d) Document

6. _____is predictive model of human information processing   CO3- R
   used for task analysis in human computer interaction design.

   (a) GOMS model   (b) Cognitive models   (c) Linguistic model   (d) both a and b

7. _____ is the design of the visual paradigms used to create action or understanding.   CO4- R

    (a) Interaction design   (b) Information design

    (c) Interface design   (d) Navigation design

8. Which of the following is not a design tool for Palm web OS**.**   CO4- R

    (a) HTML   (b) CSS   (c) Flash   (d) JavaScript

9. Gmail is a good example of actions in concert with _____ selection.   CO5- R

    (a) Toggle Selection   (b) Object Selection

    (c) Collected Selection   (d) Hybrid Selection

10. _____ show contextual tools on mouse hover.   CO5- R

    (a) Multilevel tools   (b) Toggle-Reveal tools

    (c) Hover –Reveal tools   (d) None of these

PART– B (3 x 8= 24 Marks)

(Answer any three of the following Questions)

11. Illustrate the similarities and differences in human memory and computer memory.   CO1- U   (8)

12. What are the seven principles give us a good starting point in considering universal design?   CO2-U   (8)

13. Explain the dynamics, layout and cognition of communication in group working   CO3-U   (8)

14. Elucidate mobile information architecture in detail.   CO4-U   (8)

15. Discuss the considerations and best practices for detail overlay.   CO5- U   (8)

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