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Question Paper Code: 55R24

M.E. DEGREE EXAMINATION, NOV 2019

Elective

Computer Science and Engineering

15PCS524 / 15PNE502 - VIDEO ANALYTICS

(Common to Computer Science and Engineering (With Specialization in Networks))

(Regulation 2015)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART - A (5 x 20 = 100 Marks)

1. (a) (i) Why the massive parallel processing database system is special. CO1- U (10)
Compare with others.
(ii) How to separate great analysis from poor analysis. CO1- U (10)
Or
(b) Explain in detail about the enterprise analytic dataset process. CO1- U (20)
2. (a) Explain with two example of managing streaming data CO2- U (20)
Or
(b) What are the rules that must be followed when representing a stream by buckets? How to representing the stream into buckets? CO2- U (20)
3. (a) What are advantages and disadvantages in shape based method and port based method in representation? CO3-U (20)
Or
(b) Discuss about the schismatic overcome of the integrated tracking and recognition framework. CO3-U (20)

4. (a) (i) Explain in detail about the process of data flow in the D-GPDM. CO4- U (10)
(ii) Discuss the dynamic Bayesian network, overall architecture. CO4- U (10)

Or

- (b) (i) Explain in detail about the TBS. CO4- U (15)
(ii) Write a note on algorithm of D-GPDM learning system. CO4- U (5)
5. (a) (i) What are the challenges facing computer vision researchers? CO5- U (10)
(ii) Explain the evaluation of face recognition technique? CO5- U (10)

Or

- (b) (i) Explain in detail about the feature based structured matching approach. CO5- U (10)
(ii) What are the basic techniques in video based face recognition? CO5- U (10)
Explain
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