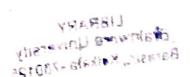




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1 x 15=15



a) 4 typesc) 6 types

(x) The collaborative mode is considered to have the

Term End Examination 2022 Programme – B.Sc.(IT)-AI-2020 Course Name – Recommender Systems Course Code - BAID502A (Semester V)

Full Marks: 60 Time: 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question) Choose the correct alternative from the following: (i) Explicit feed back is analysed as b) moderate type a) simple type d) None of these c) complex type (ii) The model expands the user analysis interest by employing th b) moderate a) large . d) none c) limited (iii) The biggest flaw in the memory based collabortive model is not producing b) Any upgradation a) Any scaling d) None of these c) Any modification (iv) recomender engine is classified as b) product type a) content type d) None of these c) both types (v) Modl based collaborative approachs adopts a) Matrix inverse algorithm b) Matrix factorization algorithm c) Matrix multiplication algorithm d) None of tehse (vi) Purchaser's reaction has been taken into consideration while suggesting the b) general product a) Specific product c) varieties of product d) None of these (vii) The user information has been classified as b) implicit a) explicit d) None of these c) explicit and implicit (viii) Model based recomender sstem suppports the b) Normal model a) interaction model d) None of these c) Latent interaction models (ix) Recomender system mhas been grouped into

b) 5 types

d) None of these

a) higher bias and lower variance c) lower bias and lower variance d) None of these		
(xi) Purchaser's reaction has been taken into consideration while suggesting the		
a) Specific productc) varieties of product(xii) Data mining is determined as	b) general pproduct d) None of these	
a) Data excavation c) Data filtering (xiii) Identiy the recomender system	b) Knowledge search d) None of these	
a) Movie viewing suggestionsc) Web based tour booking system(xiv) The common practice in the data mining is	b) Computer system d) None of these	
 a) Data preprocessing before model building c) Data manipulation (xv) Koeledge in datamining is interpreted as 	b) Data analysis d) None of these	LIBRARY Balnware University Barassa, Kelkala -700125
a) characterisation c) Expansion	b) generalisation d) None of these	
Group-B		
(Short Answer Type Questions) 3 x 5=15		
2. Explain the data pre-processing techniques (3)		
3. Propose the multimode recommendation in the real-life scenario		(3) (3)
4. Explain the social tagging recommender systems		(3)
5. Discuss about the TF in terms of the documents and terms inside them		(3)
6. Compare between the collaborative and content-based filtering in the recommender		
system		
OR		
Explain the Hybrid recommender systems		(3)
Group-C		
(Long Answer T	-	5 x 6=30
7. State the significance of the TF_IDF function and the relation with similarity measure		easure (5)
8. Justify the analysis part carried out in the recommender systems		(5)
9. Evaluates the different methods of learning user profiles in the recommender systems		systems (5) (5)
10. Explain the ranking in recommender system with a suitable example		
11. Explain the movie recommender system with the implicit and explicit specification		(5)
12. Describe the data pre-processing steps used in data mining OR (5)		
State the major ways of denoising the data of any types (5)		