



NETAJI SUBHAS OPEN UNIVERSITY

POST-GRADUATE COURSE

Assignment : June-2020/Dec.-2020

MASTER OF LIBRARY AND INFORMATION SCIENCE

Paper-III : Information Processing and Retrieval

QUESTION PAPER CUM ANSWER BOOKLET

(Full Marks : 100)

(Weightage of Marks : 20%)

Special credit will be given for precise and correct answer. Marks will be deducted for spelling mistakes, untidiness and illegible handwriting. The figures in the margin indicate full marks.

Name (in Block Letter) :

Enrolment No.

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Study Centre Name : Code :

To be filled by the Candidate	Serial No. of question answered																			TOTAL
For Evaluator's only	Marks awarded																			

QP Code: PA/1/III

PG-ARTS-AP-17146

Signature of Evaluator with Date



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POST-GRADUATE COURSE

Assignment : June-2020/Dec.-2020

STUDENT'S COPY

MASTER OF LIBRARY AND INFORMATION SCIENCE

Paper-III : Information Processing and Retrieval

Name (in Block Letter) :

Enrolment No.

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PG-ARTS-AP-17146

Received Answer Booklet
Signature with seal by the Study-Centre

**জরুরি নির্দেশ / Important Instruction**

আগামী শিক্ষাবর্ষান্ত পরীক্ষায় (T.E. Exam.) নতুন ব্যবস্থা অর্থাৎ প্রশ্নসহ উত্তর পুস্তিকা (QPAB) প্রবর্তন করা হবে। এই নতুন ব্যবস্থার সঙ্গে পরীক্ষার্থীদের অভ্যস্ত করার জন্য বর্তমান অনুশীলন পত্রে নির্দেশ অনুযায়ী প্রতিটি প্রশ্নের উত্তর নির্দিষ্ট স্থানেই দিতে হবে।

New system i.e. Question Paper Cum Answer Booklet (QPAB) will be introduced in the coming Term End Examination. To get the candidates acquainted with the new system, assignment answer is to be given in the specified space according to the instructions.

**Detail schedule for submission of assignment for the
PG Term End Examination June-2020/Dec.-2020**

1. Date of Publication : 20/06/2020
2. Last date of Submission of answer script by the student to the study centre : 19/07/2020
3. Last date of Submission of marks by the examiner to the study centre : 16/08/2020
4. Date of evaluated answer scripts distribution by the study centre to the students (Students are advised to check their assignment marks on the evaluated answer scripts and marks lists in the study centre notice board. If there is any mismatch / any other problems of marks obtained and marks in the list, the students should report to their study centre Co-ordinator on spot for correction. The study centre is advised to send the corrected marks, if any, to the COE office within five days. No change / correction of assignment marks will be accepted after the said five days.) : 23/08/2020
5. Last date of submission of marks by the study centre to the Department of C.O.E. on or before : 31/08/2020

এখানে কিছু লিখবেন না

Do Not Write Anything Here



GROUP – A

Answer any *two* of the following questions :

18 × 2 = 36

1. What is an indexing language ? Briefly describe the attributes of indexing languages. 3 + 15
2. Define derived indexing. Discuss any title-based derived indexing system. How would you weigh its advantages with its disadvantages ? 2 + 10 + 6
3. Mention the objectives, scope and findings of TREC series of experiments. Do you think that TREC experiments are an improvement over earlier evaluation studies ? Justify your answer. 12 + 6
4. Explain the Boolean logic model of information retrieval. What are its weaknesses ? What measures have been suggested by experts to overcome these ? 8 + 6 + 4

First Answer :



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Second Answer :



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GROUP – B

Answer any *three* of the following questions : 12 × 3 = 36

5. Why do we need special classification schemes ? Briefly illustrate the various steps of designing a special classification scheme. 3 + 9
 6. Describe the origin, features and structure of the ROOT Thesaurus. 12
 7. "The jobs of bibliographic record and control confront many complicated problems because of the endless interrelationships among individual documents." Explain. 12
 8. What is meant by syntax of indexing language ? Why is it important ? What solutions have been provided by experts in this regard ? 2 + 3 + 7
 9. Write a note on the utility and use of scope notes in a thesaurus. 12
 10. What are the novelties of the vector space model compared to other information retrieval models ? What are its strengths and weaknesses ? 6 + 6
-

First Answer :



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QP Code: PA/1/III

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QP Code: PA/1/III

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Second Answer :



QP Code: PA/1/III

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QP Code: PA/1/III

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Third Answer :



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GROUP – C

Answer any *four* of the following :

7 × 4 = 28

11. What do you mean by paradigmatic relations between terms ?
 12. In what ways a citation index differs from other conventional indexes ?
 13. What are the objectives for designing CCF ?
 14. Write a brief note on Thesaurofacet.
 15. What are the unique aspects of indexing in the hyper-structure environment ?
 16. Describe exact match retrieval techniques along with their drawbacks.
 17. Explain the relationship between recall and precision in a retrieval environment.
 18. What convention is used in controlled vocabularies to solve the problems created by homographs ?
-

First Answer :



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Second Answer :



QP Code: PA/1/III

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Third Answer :



QP Code: PA/1/III

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Fourth Answer :