



# NETAJI SUBHAS OPEN UNIVERSITY

POST-GRADUATE COURSE

Assignment : June-2020/Dec.-2020

## MASTER OF LIBRARY AND INFORMATION SCIENCE

Paper-I : Information, Communication and Society

### 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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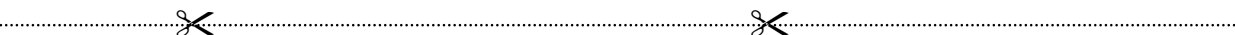
Study Centre Name : ..... Code : .....

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

QP Code: PA/1/I

**PG-ARTS-AP-17144**

Signature of Evaluator with Date



# NETAJI SUBHAS OPEN UNIVERSITY

POST-GRADUATE COURSE

Assignment : June-2020/Dec.-2020

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## MASTER OF LIBRARY AND INFORMATION SCIENCE

Paper-I : Information, Communication and Society

Name (in Block Letter) : .....

Enrolment No.

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Study Centre Name : ..... Code : .....

QP Code: PA/1/I

**PG-ARTS-AP-17144**

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।

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5. Last date of submission of marks by the study centre to the Department of C.O.E. on or before : 31/08/2020

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এখানে কিছু লিখবেন না

**Do Not Write Anything Here**

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**GROUP – A**

Answer any *two* of the following questions :

18 × 2 = 36

1. Define Information. State its characteristics. Discuss the factors that led to the birth of information science.
2. Define communication, and discuss its salient features. Discuss, various models of communication with examples.
3. Discuss different criteria by which information society can be defined.
4. What is knowledge management ? Discuss its importance in an organization.

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**First Answer :**



**QP Code: PA/1/I**

4/20

**PG-ARTS-AP-17144**



**QP Code: PA/1/I**

5/20

**PG-ARTS-AP-17144**



**QP Code: PA/1/I**

6/20

**PG-ARTS-AP-17144**



QP Code: PA/1/I

7/20

**PG-ARTS-AP-17144**

**Second Answer :**



**QP Code: PA/1/I**

8/20

**PG-ARTS-AP-17144**





QP Code: PA/1/I

9/20

**PG-ARTS-AP-17144**



**GROUP – B**

Answer any *three* of the following questions :

12 × 3 = 36

5. Define data and outline its scope. 12
  6. Discuss with suitable examples the interrelationship among Data, Information, Knowledge and Wisdom. 12
  7. Write a note on copyright in the context of present digital era. 12
  8. Give an account of the commodity aspect of information theory. 12
  9. State your idea on 'sociology of knowledge'. 12
  10. Write a note on the international efforts to provide Right to Information. 12
- 

**First Answer :**



**QP Code: PA/1/I**

11/20

**PG-ARTS-AP-17144**



**QP Code: PA/1/I**

12/20

**PG-ARTS-AP-17144**



QP Code: PA/1/I

13/20

**PG-ARTS-AP-17144**

**Second Answer :**



**QP Code: PA/1/I**

14/20

**PG-ARTS-AP-17144**



QP Code: PA/1/I

15/20

**PG-ARTS-AP-17144**

**Third Answer :**



**QP Code: PA/1/I**

16/20

**PG-ARTS-AP-17144**





QP Code: PA/1/I

17/20

**PG-ARTS-AP-17144**

**GROUP - C**

Write short notes on any *four* of the following :

7 × 4 = 28

11. Semantic theory of information
  12. Bradford's law of scattering
  13. Redundancy in relation to information
  14. Explicit *vs.* tacit knowledge
  15. Dissemination of information
  16. Interdisciplinary nature of Information
  17. Pricing of information sources and product
  18. Selective Dissemination of Information.
- 

**First Answer :**



QP Code: PA/1/I

18/20

**PG-ARTS-AP-17144**

**Second Answer :**



QP Code: PA/1/I

19/20

**PG-ARTS-AP-17144**

**Third Answer :**



QP Code: PA/1/I

20/20

PG-ARTS-AP-17144

**Fourth Answer :**



# NETAJI SUBHAS OPEN UNIVERSITY

POST-GRADUATE COURSE

Assignment : June-2020/Dec.-2020

## MASTER OF LIBRARY AND INFORMATION SCIENCE

Paper-II : Information Sources, Systems and Services

### QUESTION PAPER CUM ANSWER BOOKLET

(Full Marks : 100)

(Weightage of Marks : 20%)

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Study Centre Name : ..... Code : .....

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

QP Code: PA/1/II

PG-ARTS-AP-17145

Signature of Evaluator with Date



# NETAJI SUBHAS OPEN UNIVERSITY

POST-GRADUATE COURSE

Assignment : June-2020/Dec.-2020

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## MASTER OF LIBRARY AND INFORMATION SCIENCE

Paper-II : Information Sources, Systems and Services

Name (in Block Letter) : .....

Enrolment No.

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Study Centre Name : ..... Code : .....

QP Code: PA/1/II

PG-ARTS-AP-17145

Received Answer Booklet  
Signature with seal by the Study-Centre

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এখানে কিছু লিখবেন না

**Do Not Write Anything Here**

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**GROUP – A**

Answer any *two* of the following questions :

18 × 2 = 36

1. Discuss programs and activities of UNESCO with special reference to developing countries.
2. Electronic media have potentials to boost up information services. — Justify with proper examples.
3. Discuss various categories of Information sources.
4. What is citation analysis ? State its limitations. Discuss different ways of ranking journals. Illustrate uses of ranked list of journals.

3 + 3 + 6 + 6

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**First Answer :**



**QP Code: PA/1/II**

4/20

**PG-ARTS-AP-17145**





**QP Code: PA/1/II**

5/20

**PG-ARTS-AP-17145**



**QP Code: PA/1/II**

6/20

**PG-ARTS-AP-17145**



QP Code: PA/1/II

7/20

PG-ARTS-AP-17145

**Second Answer :**



**QP Code: PA/1/II**

8/20

**PG-ARTS-AP-17145**



**QP Code: PA/1/II**

9/20

**PG-ARTS-AP-17145**



**GROUP – B**

Answer any *three* of the following questions :

12 × 3 = 36

5. Briefly discuss similarities between qualitative and quantitative content analysis.
6. What is APINESS ? Discuss objectives, structure, activities and benefits of APINESS.
7. What is MEDLARS ? Discuss its activities and products.
8. State the needs of multimedia. Discuss its applications in information system. 4 + 8
9. What are the needs of establishing National Documentation centre in India in the field of Humanities ? Highlight services rendered by any one information centre in Humanities. 6 + 6
10. Discuss aims and core activities of IFLA.

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**First Answer :**



**QP Code: PA/1/II**

11/20

**PG-ARTS-AP-17145**



**QP Code: PA/1/II**

12/20

**PG-ARTS-AP-17145**





QP Code: PA/1/II

13/20

PG-ARTS-AP-17145

**Second Answer :**



**QP Code: PA/1/II**

14/20

**PG-ARTS-AP-17145**



QP Code: PA/1/II

15/20

PG-ARTS-AP-17145

**Third Answer :**



**QP Code: PA/1/II**

16/20

**PG-ARTS-AP-17145**



QP Code: PA/1/II

17/20

PG-ARTS-AP-17145

**GROUP – C**

Write short notes on any *four* of the following :

7 × 4 = 28

11. AGRIS
  12. Chemical Abstract
  13. Impact Factor
  14. National Social Science Documentation Centre (NASSDOC)
  15. CAS
  16. National Informatics Centre
  17. Information Storage and Retrieval
  18. ICCR.
- 

**First Answer :**



QP Code: PA/1/II

18/20

PG-ARTS-AP-17145

**Second Answer :**



QP Code: PA/1/II

19/20

PG-ARTS-AP-17145

**Third Answer :**



QP Code: PA/1/II

20/20

PG-ARTS-AP-17145

**Fourth Answer :**





# 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%)

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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
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Signature of Evaluator with Date



# NETAJI SUBHAS OPEN UNIVERSITY

POST-GRADUATE COURSE

Assignment : June-2020/Dec.-2020

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## MASTER OF LIBRARY AND INFORMATION SCIENCE

Paper-III : Information Processing and Retrieval

Name (in Block Letter) : .....

Enrolment No.

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Study Centre Name : ..... Code : .....

QP Code: PA/1/III

PG-ARTS-AP-17146
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Received Answer Booklet  
Signature with seal by the Study-Centre

**জরুরি নির্দেশ / Important Instruction**

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এখানে কিছু লিখবেন না

**Do Not Write Anything Here**

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**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

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**First Answer :**



**QP Code: PA/1/III**

4/20

**PG-ARTS-AP-17146**



**QP Code: PA/1/III**

5/20

**PG-ARTS-AP-17146**



**QP Code: PA/1/III**

6/20

**PG-ARTS-AP-17146**



QP Code: PA/1/III

7/20

PG-ARTS-AP-17146

**Second Answer :**



**QP Code: PA/1/III**

8/20

**PG-ARTS-AP-17146**





**QP Code: PA/1/III**

9/20

**PG-ARTS-AP-17146**



**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

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**First Answer :**



**QP Code: PA/1/III**

11/20

**PG-ARTS-AP-17146**



**QP Code: PA/1/III**

12/20

**PG-ARTS-AP-17146**



QP Code: PA/1/III

13/20

PG-ARTS-AP-17146

**Second Answer :**



**QP Code: PA/1/III**

14/20

**PG-ARTS-AP-17146**



QP Code: PA/1/III

15/20

PG-ARTS-AP-17146

**Third Answer :**



**QP Code: PA/1/III**

16/20

**PG-ARTS-AP-17146**





**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 :**



QP Code: PA/1/III

18/20

PG-ARTS-AP-17146

**Second Answer :**



QP Code: PA/1/III

19/20

PG-ARTS-AP-17146

**Third Answer :**



QP Code: PA/1/III

20/20

PG-ARTS-AP-17146

**Fourth Answer :**



# NETAJI SUBHAS OPEN UNIVERSITY

POST-GRADUATE COURSE

Assignment : June-2020/Dec.-2020

## MASTER OF LIBRARY AND INFORMATION SCIENCE

Paper-IV : Information Institutions, Products and Services

### QUESTION PAPER CUM ANSWER BOOKLET

(Full Marks : 100)

(Weightage of Marks : 20%)

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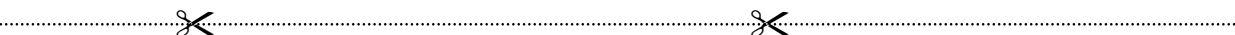
Study Centre Name : ..... Code : .....

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

QP Code: PA/1/IV

PG-ARTS-AP-17147

Signature of Evaluator with Date



# NETAJI SUBHAS OPEN UNIVERSITY

POST-GRADUATE COURSE

Assignment : June-2020/Dec.-2020

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## MASTER OF LIBRARY AND INFORMATION SCIENCE

Paper-IV : Information Institutions, Products and Services

Name (in Block Letter) : .....

Enrolment No.

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Study Centre Name : ..... Code : .....

QP Code: PA/1/IV

PG-ARTS-AP-17147

Received Answer Booklet  
Signature with seal by the Study-Centre

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**Do Not Write Anything Here**

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**GROUP – A**

Answer any *two* of the following questions :

18 × 2 = 36

1. What is meant by 'literature search' ? Explain why it is essential in LIS research. Mention few tools in LIS, valuable for literature search. 4 + 10 + 4
2. Define 'referral centre'. State its needs. Discuss work procedure of a 'referral centre'. 4 + 4 + 10
3. What is meant by 'Document Delivery Service' ? Describe its different categories. 4 + 14
4. Define data centre. Write a descriptive account on CODATA. 6 + 12

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**First Answer :**



**QP Code: PA/1/IV**

4/20

**PG-ARTS-AP-17147**





**QP Code: PA/1/IV**

5/20

**PG-ARTS-AP-17147**



**QP Code: PA/1/IV**

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**Second Answer :**



**QP Code: PA/1/IV**

8/20

**PG-ARTS-AP-17147**



**QP Code: PA/1/IV**

9/20

**PG-ARTS-AP-17147**



**GROUP – B**

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

5. Critically evaluate the Indian Standard for Bibliographic Description (BIS) suggesting necessary modifications. 12
6. Discuss any two online information networks in India. 6 + 6
7. Discuss the Online Information Systems and Networks in India. 12
8. State your idea on bibliographical control mechanism of 'technical literature'. 12
9. What is meant by 'documentation centre' ? Discuss its activities. 4 + 8
10. Discuss various forms of 'trade literature'. 12

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**First Answer :**



**QP Code: PA/1/IV**

11/20

**PG-ARTS-AP-17147**



**QP Code: PA/1/IV**

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**Second Answer :**



**QP Code: PA/1/IV**

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QP Code: PA/1/IV

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**Third Answer :**



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**GROUP – C**

Write short notes on any *four* of the following :

7 × 4 = 28

11. Security Classification
  12. Comprehensive reviews
  13. Guides to trade literature
  14. Trade Fair catalogue
  15. Electronic Document Delivery Service
  16. Topical Reviews
  17. Online searching
  18. UTLAS.
- 

**First Answer :**



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**Second Answer :**



QP Code: PA/1/IV

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**Third Answer :**



QP Code: PA/1/IV

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**Fourth Answer :**