



NETAJI SUBHAS OPEN UNIVERSITY

POST-GRADUATE COURSE

Assignment — June-2020/Dec.-2020

GEOGRAPHY

Paper-IIA : Climatology

QUESTION PAPER CUM ANSWER BOOKLET

(Full Marks : 50)

(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																			

Q.P. Code : **PA/3/IIA**

PG-Sc.-AP-17119

Signature of Evaluator with Date



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GEOGRAPHY

Paper-IIA : Climatology

STUDENT'S COPY

Name (in Block Letter) :

Enrolment No.

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Study Centre Name : Code :

Q.P. Code : **PA/3/IIA**

PG-Sc.-AP-17119

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 changed / 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



Answer any *three* questions from *Section – A*.

Question No. 7 in *Section – B* is compulsory.

Section – A

Answer any *three* questions :

10 × 3 = 30

1. With the help of a model describe the different approaches to climatic study. Explain micro-climate. 8 + 2
2. What is agro-climatology ? Explain the nature of dependence of agriculture on climate. 2 + 8
3. Make a comparison between the tropical and temperate cyclones. Specify the regions frequented by tropical cyclones. 7 + 3
4. Explain the phenomena of El Nino and La Nina. Assess their impact on Indian Monsoon. 7 + 3
5. What is climatic cycle ? Enumerate the evidences that are helpful for reconstructing past climate. 2 + 8
6. Explain any two of the astronomical causes of climate change. What is Pangea ? 8 + 2

First Answer :



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Second Answer :



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Third Answer :



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Section – B

7. Answer any *five* questions :

4 × 5 = 20

- a) What is applied climatology ?
- b) Define climatology and climate system.
- c) What is meteorological drought ?
- d) What is an occluded front ?
- e) How does a warm front develop ?
- f) Explain Southern Oscillation Index (SOI).
- g) Discuss global warming.
- h) What are sunspots and their effects on climate change ?
- i) What is inversion of temperature ?
- j) What is barotropic and baroclinic condition of atmosphere ?

First Answer :



Second Answer :

Third Answer :



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Fourth Answer :

Fifth Answer :



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