

**Fwd: Regarding the conduct of the Practical Examination of Dec-2021 (TEPE) For the program, Master's in Anthropology (MAAN)**

Registrar SED <registrarsed@ignou.ac.in>

To: PRACTICAL SED <practicalsed@ignou.ac.in>, jailal37@gmail.com, Suman Taneja <sumantaneja@ignou.ac.in> Mon, Apr 25, 2022 at 11:33 AM

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From: P. Venkatramana - 3590 <pvenkatramana@ignou.ac.in>

Date: Mon, Apr 25, 2022 at 11:24 AM

Subject: Regarding the conduct of the Practical Examination of Dec-2021 (TEPE) For the program, Master's in Anthropology (MAAN)

To: Registrar SED <registrarsed@ignou.ac.in>, V.B Negi <vbnegi@ignou.ac.in>, Director SOSS <directorsoss@ignou.ac.in>, Director RSD <directorrsd@ignou.ac.in>, palla Venkatramana <pallaramana@gmail.com>, Rashmi Sinha - 3567 <rashmisinha@ignou.ac.in>

The Registrar, SED

The discipline of Anthropology, School of Social Sciences proposes to conduct Term End Practical Examination (December 2021-TEPE) via the virtual mode.

The details of the Programme and courses are as follows:

**Program:** Master's in Anthropology (MAAN)

**Courses:** Physical Anthropology (MANI 002)  
Human Genetics (MANE 001)  
Human Growth and Development (MANE 002)

Concerned Regional centers are requested to conduct the Practical Examination through virtual mode for all the eligible learners (those who have given TEE (Dec 2021, theory) and those who have given theory examinations earlier and could not give practical examinations).

The concerned Regional Centres may kindly communicate with their respective learners for practical TEPE.

The Examination protocol consists of two components is as follows:

1. Written test: 15 marks
2. Viva voce: 15 marks

Question Papers for all the three courses are attached herewith for TEPE. The RCs are requested to circulate the question papers amongst the eligible learners and the answer scripts be evaluated by the approved evaluators in the concerned RCs followed by viva voce through virtual mode.

With regards

List of Regional Centres:

1. Bangalore 2. Bhubaneswar, 3. Chandigarh, 4. Chennai, 5. Dehradun 6. Delhi 1 7. Delhi 3 8. Gangtok 9. Guwahati 10. Jabalpur 11. Kolkata 12. Lucknow 13. Nagpur 14. Port Blair 15. Ranchi 16. Shillong 17. Trivandrum 18. Jammu. 19. Srinagar 20. 55 Army-Udhampur.

(P Venkatramana)

Programme Coordinator  
Masters in Anthropology (MAAN)

**3 attachments**

 **Human Genetics (MANE 001).docx**  
14K

 **Human Growth and Development (MANE 002).docx**  
14K

 **Physical Anthropology (MANI 002).docx**  
15K



INDIRA GANDHI NATIONAL OPEN UNIVERSITY  
School of Social Sciences  
Discipline of Anthropology  
**December 2021 TEPE**

Programme: Masters in Anthropology (MAAN)  
Course: Human Genetics (MANE 001)

Maximum Marks: 15

Answer all the questions. The marks are indicated against the question.

1. Describe the procedure to detect colour blindness with suitable diagrams. 5
2. Describe the protocol for Haemoglobin typing by agarose gel electrophoresis  
With suitable diagrams. 5
3. Describe the technique for DNA extraction. 5

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**December 2021 TEPE**

Programme: Masters in Anthropology (MAAN)  
Course: Human Growth and Development (MANE 002)

Maximum Marks: 15

Answer all the questions. The marks are indicated against the question.

1. Define anthropometry. Briefly describe the anthropometric instruments. 5
2. Write the steps including precautions and instruments used to record sitting height vertex and Bicristal Breadth. 5
3. Define somatometry. Describe the procedure to record skinfold measurements. 5

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**December 2021 TEPE**

Programme: Masters in Anthropology (MAAN)  
Course: Physical Anthropology (MANI 002)

Maximum Marks: 15

Answer all the questions. The marks are indicated against the question.

1. Define Craniometry. Describe the procedure to record maximum cranial length and maximum cranial breadth. 3
2. Write a brief note on Radius and Ulna. 3
3. What do you understand by Haemoglobin estimation?  
Describe the procedure 3
4. Briefly describe the procedure of ABO blood group determination. 3
5. Describe the procedure to record palm prints 3