जावक क्र.महाज्योती/UGC-NET पूर्व प्रशिक्षण/२०२३/ १५५० दि.१८/०८/२०२३

UGC-NET/CSIR-NET/MH-SET 2023 पूर्व प्रशिक्षण करिता निवड परीक्षेसाठी सूचना

1) **UGC-NET/CSIR-NET/MH-SET** पूर्व प्रशिक्षणासाठी अर्ज केलेल्या उमेदवारांपैकी लाभार्थी निकष व अपलोड केलेल्या कागदपत्रांच्या आधारे "**UGC-NET/CSIR-NET/MH-SET 2023 पूर्व प्रशिक्षणाकरिता निवड परीक्षेसाठी पात्र उमेदवारांची यादी**" महाज्योतीने www.mahajyoti.org या संकेतस्थळावर उपलब्ध करून दिलेली आहे.

2) **UGC-NET/CSIR-NET/MH-SET** 2023 पूर्व प्रशिक्षणाकरीता निवड परीक्षेसाठी पात्र असलेल्या उमेदवारांचीच निवड परीक्षा घेण्यात येणार आहे.

3) परीक्षेचे स्वरूप : परीक्षा ही कॉम्पुटरच्या सहाय्याने बहुपर्यायी पद्धतीने होईल.

4) परीक्षेचा वेळ : **(६० मिनिटे)**

5) **परीक्षेचा अभ्यासक्रम :**

   ➢ **Unit — I   Teaching Aptitude**

   • Teaching: Concept, Objectives, Levels of teaching (Memory, Understanding and Reflective), Characteristics and basic requirements.

   • Learner's characteristics: Characteristics of adolescent and adult learners (Academic, Social, Emotional and Cognitive), Individual differences.

   • Factors affecting teaching related to: Teacher, Learner, Support material, Instructional facilities, Learning environment and Institution.

   • Methods of teaching in Institutions of higher learning: Teacher centred vs. Learner centred methods; Off-line vs. On-line methods (Swayam, Swayamprabha, MOOCs etc.).

   • Teaching Support System: Traditional, Modern and ICT based.

   • Evaluation Systems: Elements and Types of evaluation, Evaluation in Choice Based Credit System in Higher education, Computer based testing, Innovations in evaluation systems.

   ➢ **Unit — II   Research Aptitude**

   • Research: Meaning, Types, and Characteristics, Positivism and Post- positivistic approach to research.

- Methods of Research: Experimental, Descriptive, Historical, Qualitative and Quantitative methods.
- Steps of Research.
- Thesis and Article writing: Format and styles of referencing.
- Application of ICT in research
- Research ethics.

➢ Unit － III　Comprehension

- A passage of text be given, Questions be asked from the passage to be answered.

➢ Unit － IV　Communication

- Communication: Meaning, types and characteristics of communication.
- Effective communication: Verbal and Non-verbal, Inter-Cultural and group Communications, Classroom communication.
- Barriers to effective communication.
- Mass-Media and Society.

➢ Unit － V　Mathematical Reasoning and Aptitude

- Types of reasoning.
- Number series, Letter series, Codes and Relationships.
- Mathematical Aptitude (Fraction, Time & Distance, Ratio, Proportion and Percentage, Profit and Loss, Interest and Discounting, Averages etc.).

➢ Unit － VI　Logical Reasoning

- Understanding the structure of arguments: argument forms, structure of categorical propositions, Mood and Figure, Formal and Informal fallacies, Uses of language,Connotations and denotations of terms, Classical square of opposition.
- Evaluating and distinguishing deductive and inductive reasoning.
- Analogies.
- Venn diagram : Simple and multiple use for establishing validity of arguments.
- Indian Logic: Means of knowledge.
- Pramanas: Pratyaksha (Perception), Anumana (Inference), Upamana Comparison), Shabda (Verbal testimony), Arthapatti (Implication) and Anupalabddhi (Non-apprehension).
- Structure and kinds of Anumana (inference), Vyapti (invariable relation), etvabhasas (fallacies of inference).

➢ Unit － VII　Data Interpretation

- Sources, acquisition and classification of Data.
- Quantitative and Qualitative Data.

- Graphical representation (Bar-chart, Histograms, Pie-chart, Table-chart and Line-chart) and mapping of Data.
- Data Interpretation.
- Data and Governance.

➢ Unit ─ VIII Information and Communication Technology (ICT)

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- ICT: General abbreviations and terminology.
- Basics of Internet, Intranet, E-mail, Audio and Video-conferencing.
- Digital initiatives in higher education.
- ICT and Governance.

➢ Unit ─ IX People, Development and Environment

- Development and environment: Millennium development and Sustainable development goals.
- Human and environment interaction: Anthropogenic activities and their impacts on environment.
- Environmental issues: Local, Regional and Global; Air pollution, Water pollution, Soil pollution, Noise pollution, Waste (solid, liquid, biomedical, hazardous, electronic), Climate change and its Socio-Economic and Political dimensions.
- Impacts of pollutants on human health.
- Natural and energy resources: Solar, Wind, Soil, Hydro, Geothermal, Biomass, Nuclear and Forests.
- Natural hazards and disasters: Mitigation strategies.
- Environmental Protection Act (1986), National Action Plan on Climate Change, International agreements/efforts -Montreal Protocol, Rio Summit,Convention on Biodiversity, Kyoto Protocol, Paris Agreement, International Solar Alliance.

➢ Unit ─ X Higher Education System

- Institutions of higher learning and education in ancient India.
- Evolution of higher learning and research in Post Independence India.
- Oriental, Conventional and Non-conventional learning programmes in India.
- Professional, Technical and Skill Based education.
- Value education and environmental education.
- Policies, Governance, and Administration.

NOTE :-
1) Five questions each carrying 2 marks are to be set from each Module.
2) Whenever graphical/pictorial question(s) are set for sighted candidates, a passage followed by equal number of questions and weightage be set for visually impaired candidates.

6) परीक्षेसाठी वरील अभ्यासक्रमाचे एकूण ५० प्रश्न असतील, प्रत्येक प्रश्नाला २ गुण असतील असे एकूण १०० गुणांची परीक्षा असेल. कोणतेही नकारात्मक गुण असणार नाहीत.

प्रशिक्षण निवड प्रक्रिया :

१) **UGC-NET/CSIR-NET/MH-SET** 2023 पूर्व प्रशिक्षणाकरिता निवड परीक्षेसाठी पात्र उमेदवारांची विहित वेळेत परीक्षा घेण्यात येईल. परीक्षेत प्राप्त झालेल्या गुणांच्या आधारे मेरीट यादी लावण्यात येईल.

२) जाहिरात तपशिलात नमूद केल्यानुसार संवर्ग निहाय व आरक्षण निहाय तात्पुरती निवड यादी घोषित करण्यात येईल.

३) तात्पुरत्या निवड यादीतील विद्यार्थी रुजू न झाल्यास प्रतीक्षा यादी जाहीर करण्यात येईल.

४) विहित कालावधीत विद्यार्थी प्रशिक्षणास रुजू झाले नाही तर त्या जागेवर प्रतीक्षा यादीतील विद्यार्थ्यांना संधी देण्यात येईल.

५) परीक्षेसंदर्भात सर्व निर्णय घेण्याचा अधिकार व्यवस्थापकीय संचालक, महाज्योती यांचा आहे.

टीप :- परीक्षेचे वेळापत्रक स्वतंत्रपणे जाहीर करण्यात येईल.

(स्वा)

(राजेश खवले)
व्यवस्थापकीय संचालक,
महात्मा ज्योतिबा फुले संशोधन व
प्रशिक्षण संस्था (महाज्योती), नागपूर