#AIIMSRISH/Exam/23/*1192*   Date: 11 Oct. 2023

Examination Notice

Subject:- **Scheme of Examination and Indicative Syllabus for CBT Recruitment Exams for the posts** *of Modellar (Artist) and Driver (Ordinary Grade)-*reg**.**

All the candidates who have applied for the posts of *Modellar (Artist)* and *Driver (Ordinary Grade)* against the **re-open notices dated 13th September-2023** of AIIMS Rishikesh; are hereby informed that: -

• The scheme & pattern of the recruitment examination for the said posts will be as follows: -

S.N.	Activity/ Description	Details
1	Date of Examination	**TBD**
2	Date of uploading admit cards	**TBD**
3	Venue of Exams.	**TBD**
4	Time duration ofExamination	**03** Hours (**180 Minutes**)
5	Type of Examination	Computer Based Test (CBT)
6	Number of Question Papers	Single (**01**) QP for each post
7	Scheme of Examination	• CBT multiple choice questions with four answer options and one of these four options will be the correct answer. • There will be only one question paper for each post. The question paper will consist of **200** questions (MCQs) and the maximum marks will be 200. • Each question will carry **01 (One) Marks** for every correct answer. • There will be **0.25 negative marks** for each wrong answered question.
8	Minimum Qualifying marks	The qualifying marks in the Recruitment Examination will be **50%** for UR category candidates, **45%** for **OBC** category candidates and **40%** for **SC & ST** category candidates.
9	Resolution of Tie Case	In cases where more than one candidate secures equal marks, tie will be resolved: (i) First by using date of birth with older candidates placed higher. (ii) If not resolved by (i) or in cases with same marks and same date of birth: number wrong answers/negative marks will be used wherein those with less wrong answers/negative marks will be placed higher.

• Candidates are advised to visit the website of AIIMS Rishikesh regularly for all updates/corrigendum/ Addendum regarding the examination/recruitment process for the above posts. They are also advised to regularly check their registered email for information sent by AIIMS regarding the examination.

• For any query or suggestion, candidates may send email to ***helpdesk_exam@aiimsrishikesh.edu.in***

• Post-wise indicative syllabus for the examination is given herewith in **Annexure-A**

Examination Section
AIIMS Rishikesh

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Annex-A

अखिल भारतीय आयुर्विज्ञान संस्थान ऋषिकेश (उत्तराखण्ड)
ALL INDIA INSTITUTE OF MEDICAL SCIENCES RISHIKESH (UTTARAKHAND)
(An autonomous organization under the Ministry of Health & Family Welfare, Govt. of India)

परीक्षा विभाग (Examination Section)

Syllabus for recruitment Examination

Post Name:-	**Modellar (Artist)**

Pattern of examination:-
- CBT Multiple Choice Questions with four answer options.
- Total **200** questions.
- **01** mark for each correctly answered question
- **Negative 0.25** marks for each wrong answered question.

Proposed Scheme of Examination	No. of Questions
A. General Intelligence & Reasoning	15
B. General Awareness	15
C. Quantitative Aptitude	15
D. English Language and Comprehension	15
E. Post-Specific based on Domain Knowledge Area/Cadre for the post of Modeller (Artist)	140

Indicative Syllabus

A. General Intelligence & Reasoning:- It would include question of both verbal and non- verbal type. This component may include questions on analogies, similarities and differences, space visualization, spatial orientation, problem solving, analysis, judgement, decision making, visual memory, discrimination, observation, relationship concepts, arithmetical reasoning and figural classification, arithmetic number series, non-verbal series, coding and decoding, statement conclusion, syllogistic reasoning etc. The topics are, Semantic Analogy, Symbolic/Number Analogy, Figural Analogy, Semantic Series, Number Series, Figural Series, problem Solving, Word Building, Coding & decoding Numerical Operations, symbolic Operations, Trends, Space Orientation, Space Visualization, Venn Diagrams, Drawing interfaces, Punched hole/pattern -folding & unfolding, Figural Pattern -folding and completion, Indexing, Address matching, Date & city matching, Classification of centre codes/roll numbers, Small& Capital letter/number coding, decoding and classification, Embedded Figures, Critical thinking Emotional Intelligence, Social Intelligence, other sub-topics, if any.

B. General Awareness:- Question in this component will be aimed at testing the candidate's general awareness of the environment around him and its application to society. Question will also be designed to test knowledge of current events and of such matters of every day observations and experience in their scientific aspect as may be expected of any educated person, the test will also include questions related to India and its neighbouring countries especially pertaining History, Cultural, Geography, Economic Scene, General Policy & scientific Research.

C. Quantitative Aptitude:- The questions will be designed to test the ability of appropriate use of number and number sense of the candidates. The scope of the test will be computation of whole number, decimals, fractions and relationship between numbers, Percentage. Ratio and Proportion, square roots, Average, Interest, profit and loss, Discounts, Partnership Business, Mixture and allegation, Time and Distance, Time and work, Basic algebraic identities of school algebra & Elementary surds, Graphs of linear Equations, Triangle and its various kind of centres, Congruence and similarity of triangles, Circle and its chords, tangents, angels subtended by chords of circle, common tangents to two or more circles, Triangle, Quadrilaterals, Regular Polygons, Circle, Right Prism, Right Circular Cone, Right Circular Cylinder, Sphere, Hemispheres, Rectangular Parallelepiped, Regular Right Pyramid with triangular of square base Trigonometric ratio, Degree and Radian Measures, Standard Identities Complementary angle, Heights and Distance Histogram, Frequency polygon, Bar diagram & Pie Chart.

D. English Language and Comprehension:- Candidates ability to understand correct English, his basic comprehension and writing ability, etc. would be tested.

The questions in Part A, B, & D will be of level commensurate with the essential qualification and questions in Part C will be of 10th standard level.

E. Post-Specific based on Domain Knowledge Area/Cadre for the post of Modeller (Artist)
- History of Indian Arts
- Basic Drawing Sketching & Painting fundamentals
- Life Drawing
- Composition
- Portrait Making & Portrait painting
- Landscape
  Medium & Technique
- Design and Communication practices
- Graphic Design
- Advanced Photo Beautification
- Art Photograph, Graphics Software & Electronic Prepress/Production Scanning and Proofing
- Color Management & Four-Colour Imaging

- Art Direction
- Applications in Screen Printing
- Branding, Graphic Reproduction and Finishing
- 2D & 3D Packaging
- Digital Painting & Screen Design
- Typography Illustration
- Techniques, Layout and Design Production
- Art Technologies
- Fundamentals of Typography
- **Sculpture and Model making**: **Clay and wax:-** Preparation of natural clay for sculpture; modelling and casting with clay; terracotta & firing of clay; types of kilns; possibilities in the range of colours and pigments in ceramic works; two-dimensional and three-dimensional modes in clay sculptures; modelling and carving in wax. **Plaster of Paris (POP):-** History, chemical composition and physical nature of POP; advantages and disadvantages of working with POP; accelerating and retarding agents; surface treatment of POP; casting and carving in POP. **Wood:-** Nature and varieties of wood; carving tools and methods of carving for sculpting in wood; seasoning and preservation of wood; finishing and staining of wood. **Metal**:- History of metal sculptures; processes involved in the use of metal as medium for sculpture; physical properties and classification of metals as ferrous and non-ferrous, alloy, etc.; bronze as the primary sculptural metal; the Lost-wax method (cire-perdue); indigenous methods including "gravity casting", "sand casting", etc.; melting points of metals; surface treatment viz. anodising, oxidation and patination; welding and forging processes for working with metals; preservation of metal sculptures.

Note:- It may be noted that apart from the topics detailed above, questions from other topics prescribed for the educational qualification of the post may appear in the question paper. There is no undertaking that all the topics above may be covered in the question paper.

| Post Name:- | **Driver (Ordinary Grade)** |

Pattern of examination: -
- CBT Multiple Choice Questions with four answer options.
- Total **200** questions.
- **01** mark for each correctly answered question
- **Negative 0.25** marks for each wrong answered question.

Proposed Scheme of Examination	No. of Questions
A. **General Intelligence & Reasoning**	**25**
B. **General Awareness**	**35**
C. **Quantitative Aptitude**	**25**
D. **Basic English Knowledge**	**15**
E. **Post-Specific based on Domain Knowledge Area/Cadre for the post of Driver (Ordinary Grade)**	**100**

Indicative Syllabus

A. General Intelligence & Reasoning: - It would include question of both verbal and non- verbal type. This component may include questions on analogies, similarities and differences, space visualization, spatial orientation, problem solving, analysis, judgement, decision making, visual memory, discrimination, observation, relationship concepts, arithmetical reasoning and figural classification, arithmetic number series, non-verbal series, coding and decoding, statement conclusion, syllogistic reasoning etc. The topics are, Semantic Analogy, Symbolic/Number Analogy, Figural Analogy, Semantic Series, Number Series, Figural Series, problem Solving, Word Building, Coding & decoding Numerical Operations, symbolic Operations, Trends, Space Orientation, Space Visualization, Venn Diagrams, Drawing interfaces, Punched hole/pattern -folding & unfolding, Figural Pattern -folding and completion, Indexing, Address matching, Date & city matching, Classification of centre codes/roll numbers, Small& Capital letter/number coding, decoding and classification, Embedded Figures, Critical thinking Emotional Intelligence, Social Intelligence, other sub-topics, if any.

B. General Awareness: - Question in this component will be aimed at testing the candidate's general awareness of the environment around him and its application to society. Question will also be designed to test knowledge of current events and of such matters of every day observations and experience in their scientific aspect as may be expected of any educated person, the test will also include questions related to India and its neighbouring countries especially pertaining History, Cultural, Geography, Economic Scene, General Policy & scientific Research.

C. Quantitative Aptitude: - The questions will be designed to test the ability of appropriate use of number and number sense of the candidates. The scope of the test will be computation of whole number, decimals, fractions and relationship between numbers, Percentage. Ratio and Proportion, square roots, Average, Interest, profit and loss, Discounts, Partnership Business, Mixture and allegation, Time and Distance, Time and work, Basic algebraic identities of school algebra & Elementary surds, Graphs of linear Equations, Triangle and its various kind of centres, Congruence and similarity of triangles, Circle and its chords, tangents, angels subtended by chords of circle, common tangents to two or more circles, Triangle, Quadrilaterals, Regular Polygons, Circle, Right Prism, Right Circular Cone, Right Circular Cylinder, Sphere, Hemispheres, Rectangular Parallelepiped, Regular Right Pyramid with triangular of square base Trigonometric ratio, Degree and Radian Measures, Standard Identities Complementary angle, Heights and Distance Histogram, Frequency polygon, Bar diagram & Pie Chart.

D. Basic English Knowledge: - Candidates' ability to understand basic English and use it in conversation will be tested.

The level of questions in Part A, B, C & D will be of class 10th standard.

E. Post-Specific based on Domain Knowledge Area/Cadre for the post of Driver (Ordinary Grade): -
The Subjects/Topics given below can be broadly covered in the syllabus of this section.: -
- Road sense
- Traffic Rules
- Road Map Reading
- Knowledge of Traffic Signs & Signage
- Basic Driving Rules like Lane Driving
- Assessment of Shortest Possible Route
- Overtaking Procedure
- Knowledge of vehicle parts
- Knowledge related to toolkit Security.
- Knowledge of Maintenance of Vehicle i.e. tyre pressure, battery water level, quantity & grade of oils to be used, coolant, the tension of belts/ hose pipes
- Insurance of vehicles
- Offense, penalties, and procedure
- Accidental claims
- GPS related knowledge
- Mechanical vehicles vis-à-vis electrical vehicles
- vehicle & environmental pollution i.e, petrol and diesel vehicles, CNG operated vehicles

Note:- *It may be noted that apart from the topics given above, questions from other topics related to the job and prescribed for the educational qualification of the post may appear in the question paper. There is no undertaking that all the topics above may be covered in the question paper.*