

UNIVERSITY OF JAMMU

Notification

Syllabus of Entrance/Screening Test for the post of Section Cutter (Geology)

The Examination shall consist of the written test of multiple choice type questions of 100 marks of 2 hours duration. There shall be negative marking for wrong answers (-0.25 for each wrong answer) attempted in the said examination.

The detailed scheme of an examination will consist of subjects mentioned below

PART – I – Written Objective Type Test

Sections	SUBJECT	MAX Marks/Question	Time Duration
A	BASIC MATHEMATICS	15	2 hours
B	BASIC SCIENCE	20	
C	BASIC REASONING	15	
D	BASIC ENGLISH	15	
E	GENERAL AWARENESS	15	
F	SKILL KNOWLEDGE	20	

INDICATIVE SYLLABUS FOR EXAMINATION FOR THE POST OF SECTION CUTTER (GEOLOGY)

Written MCQ Type Test

(The test shall comprise of 100 objective type questions of 1 mark each. There shall be 0.25 negative marks for each wrong answer. Unattended questions will be marked as zero mark)

A. BASIC MATHEMATICS

Averages; Time, Work and Distance; Ratio and Proportions; Problems of Age; Probability; LCM. HCF; Mensuration

B. BASIC SCIENCE

Sources of energy; Conventional & Non-Conventional; Health, Hygiene and Sanitation; Environmental pollution; Nutrition, Respiration, Excretion etc; Communicable & Non-Communicable Diseases.; Ecosystem – Its components, Food chains and Food webs.; Ozone layer, its depletion, Greenhouse Effect.; Importance of water in life

C. BASIC REASONING

Relationship concepts; Figure the odd one out; Direct Sense; Figure Series completion; Venn Diagrams; Number series; Coding/Decoding

D. BASIC ENGLISH

Articles; Synonyms; Antonyms; Preposition; Verbs; Reading comprehension; Determiners; Spellings; Sentences

E. GENERAL AWARENESS

Current events of National importance; History, Economy, Culture & Geography of India; Honours and Awards; The World of Sports; Popular Personalities; Geographical Discoveries; Principal Languages of India; Capitals and Currencies of Countries; History, Geography, Culture and Economy of UT of Jammu and Kashmir

F. SKILL KNOWLEDGE

Rocks, Minerals, Ores, fossils, Moh's scale of Hardness, procedure for making thin- sections, wafers and polished sections, equipment used for thin section preparation. Basic functions of petrological microscope.

SELECTION PROCEDURE:

Overall merit in the written test be the sole criteria.

Mashtia
REGISTRAR
B. SK ✓

No. Estab./C&R/NTW/22/1284

Dated: 18-04-2022