



SAMPLE PAPER
STATE BOARD

edu "CAT"

edukota CAREER ASSESSMENT TEST

TIME : 30 Min.

*** FOR CLASS X ***

MAX. MARKS : 120

NAME OF THE CANDIDATE

I have read all the instructions and shall Abide by them

Signature of the Candidate

ROLL NO.

edu-CAT

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I have verified all the information filled
in by the candidate

Signature of the Invigilator

Things NOT ALLOWED IN EXAM HALL : Blank Paper, Clipboard, Log table, slide rule, Calculator, Camera, mobile and any electronic or electrical gadget. If you are carrying any of these, then keep the at a place specified by invigilator at your own responsibility.

Please read the instructions carefully. You are allotted 5 minutes specification for this purpose.

- This Booklet is your Question paper. DO NOT break seal of Booklet until the invigilator instructs to do so.
- Fill your edu-CAT Roll No. & Answer Sheet No. in the space provided on the cover page.
- Carefully fill your PAPER CODE and present CLASS in space provided of optical response sheet.
- Please make sure that paper you received is of your class only.
- Please make sure that the Paper Code Printed on the Text Booklet Cover Page and Inner Pages are the same. In case of discrepancy, the candidate should report the matter to the Invigilator for replacement of Test Booklet.
- The answer Sheet is provided to you separately which is a machine readable Optical Response Sheet (ORS). You have to mark your answer in the ORS by darkening bubbles, as your answer choice by using black or blue ball point pen.
- After breaking the Question Paper seal, check there are 8 pages in the booklet. This Question Paper contains 30 MCQs with 4 choices. (Math's, Science & Logical Reasoning)
- Think wisely before darkening bubbles as there is negative marking for wrong answer. Answer once marked by pen cannot be cancelled.

• **MARKING SCHEME**

- a) If darkened bubble is RIGHT answer: +4 Marks
- b) If darkened bubble is WRONG answer: -1 Mark (Minus One Mark)
- c) If no bubbles is darkened in any question : No Mark
- If you are found involve in cheating or disturbing others, then your ORS will be cancelled.
- Do not put any stain on ORS and hand it over back properly to the invigilator.
- You can take along the question paper after the test is over.



SCIENCE

- _____ is used for electrical measurements.

a) Thermometer b) Galvanometer
c) Voltmeter d) Electric meter
- The free fall of an object is possible only in _____ .

a) air b) vacuum
c) on the surface of earth d) None of these
- Find an odd one out.

a) Water b) Wind
c) Natural gas d) Fossil fuel
- We get _____ energy from lipids.

a) 4 cal/gm b) 9 cal/gm
c) 9 kcal/gm d) 4 kcal/gm
- Similarities in the initial stages indicate the _____ evidence.

a) Connecting links b) Anatomical
c) Embryological d) Palaeontological
- Find an odd one out.

a) Sodium b) Aluminium
c) Phosphorus d) Potassium
- _____ twins are formed from a single embryo.

a) Dizygotic b) Monozygotic
c) Multiple zygotes d) Zygote
- At the time of Mendeleev _____ elements were known.

a) 56 b) 65
c) 63 d) 118
- When the positive charge on an ion increases or the negative charge on them decreases it is called as _____.

a) reduction b) corrosion
c) oxidation d) decomposition
- If pressure increases, the melting point of a substance _____.

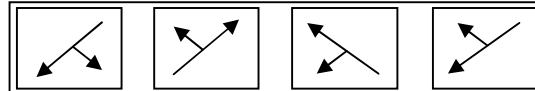
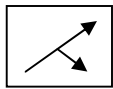
a) does not change b) decreases
c) increases d) remains constant

SECTION – B
MATHEMATICS

- Page No. 3

SECTION – C
LOGICAL APTITUDE

1. Pointing to a boy in a photograph, Akhil says, “He is the son of my mother’s only son. “How is Akhil related to boy?”
a) Uncle b) Brother c) Father d) Cousin
2. One year ago, the ratio of Yamini and Gamini was 6 : 7 respectively four year hence. The ratio would become 7 : 8. Find the age of Gamini?
a) 30 years b) 32 years c) 36 years d) 40 years
3. Meena correctly remember that her father’s birthday is after 18th May but before 22nd May. Her brother correctly remembers that their, father’s birthday is before 24th May but after 20th May. On which date in May was definitely their father’s birthday?
a) 20th b) 19th c) 18th d) cannot be determined
4. How there this = 6V 4D 5H
Game is over = 3H 5I 5V
Physics = ?
a) 8 S b) 8 H c) 7 S d) 7 H
5. Which of the following alternatives will complete the sequence?
a _ c _ a b b _ a _ b c _ b c _ a b
a) cbcaaa b) bccab c) bccaac d) acbabc
6. Boat is related to oar in the same way as bicycle is related to
a) Road b) Wheel c) Seat d) Paddle
7. Engineer : Machine
a) Doctor : Disease b) Doctor : Medicine
c) Doctor : Hospital d) Doctor : Body
8. Find the odd one out:
a) Huge b) Tiny c) Heavy d) Small
9. Choose the correct mirror image from alternatives A, B, C and D of the figure.



(a)

(b)

(c)

(d)

10. Which alphabet is opposite to D ?

a) E
c) F

b) C
d) A

