

2025

M.Sc. 1st Semester Examination

CHEMISTRY

Paper : CEMO406VC

[Indian Knowledge System (IKS)]

Full Marks : 25

Time : One Hour

*The figures in the margin indicate full marks.
Candidates are required to give their answers
in their own words as far as practicable.*

Group - A

Answer any *two* questions : 2×2=4

1. Define "Yog" as per the definition of Maharsi Patanjali.
Write its usefulness.
2. What is Indian Knowledge System?
3. When was Nalanda University established? How many students and teachers were there at its peak period?
4. Name the inventor of "0". In which period did he live?
What was his contribution to the fundamental sciences?

P.T.O.

(2)

Group - B

Answer any *two* questions :

4×2=8

5. What is Ashtanga Yog?
6. Write the usefulness of IKS.
7. Which Pranayam is useful for the removal of toxins from our body? Describe how it is practiced? Write the overall of benefit of practicing it.
8. Why Younger Learners should study IKS?

Or

Describe the Atomic Theory of Maharsi Kanada.

Group - C

Answer any *one* question :

8×1=8

9. Who is the father of Modern Surgery? Where did he live? What was his overall contribution to the fundamental as well as applied sciences?
10. Give an example of Indian Proud Heritage. Describe its scientific, architectural and societal significance.

Or

Describe seven most useful Pranayams, as described by Maharsi Patanjali. Describe how those are practiced. Write the usefulness of each Pranayam.

Internal Assessment : 5 marks
