

**SYLLABUS FOR GSAT-2019
FOR ADMISSION TO UG PROGRAMS
(BCA, BEM, B.Sc. and Int.M.Sc.)
(TEST CODE-107)**

Section-A

(Candidate has to answer 20 questions each carries one mark)

Syllabus: General Aptitude

Section - B & C

(Candidate has to answer any 40 questions from both B & C sections. Each question carries one mark)

The syllabus for Section B & C will be based on the syllabus of Intermediate/+2/equivalent exam of State Boards/CBSE or ISE

Model Question Paper:

Section-A

1. Complete the following series 480, 96, 24, 8, ?
A) 4 B) 1 C) 2 D) 3
2. The programming language used to create applets
A) Java B) C++ C) C D) CoBOL

Section - B

Biology

1. Plasma membrane of composed of—
a) Protein, b) Lipids,
c) Cellulose d) Protein and Lipids
2. The dye involved in Feulgen reaction to stain DNA is--
a) Janus green B b) Basic Fuchsin
c) Neutral red d) Haemoxylin

Section-C (Mathematics, Physics and Chemistry)

Mathematics

1. If one of the roots of the equations $x^3 - 6x^2 + 11x - 6 = 0$ is 2, then the other two roots are _____
a) 2 and 4 b) 1 and 3 c) 2 and 3 d) 1 and 4
2. The product of the eigen values of a matrix is equal to _____

- a) Determinant b) integral c) discriminant d) power of determinant

Physics

1. Angular displacement is measured in---
a) metre b) time c) radian d) steradian
2. The operation of rocket is based on
a) pushing against launching pad
b) pushing against air
c) conservation of linear momentum
d) conservation of angular momentum

Chemistry

1. Structure of ammonia is
a) Pyramidal b) Tetrahedral c) Trigonal d) Trigonalbipyramidal
2. Identify the compound which exhibit ketoenoltautomerism
a) Acetaldehyde b) Propanol c) Propane d) Butane