## (COMMERCE / HUMANITIES)
## MATHEMATICS
### [20 Objective Type MCQs of 4 marks each. Total 80 Marks]

A. **POLYNOMIAL:** Zeros of a polynomial, relationship between zeros and coefficients of a quadratic polynomial.

B. **PROBABILITY:** Classical definition of probability, Simple problems on single events.

C. **COORDINATE GEOMETRY:** Concepts of coordinate geometry, Distance formula, Section formula (internal division).

D. **AREAS RELATED TO CIRCLES:** Motivate the area of a circle, area of sectors and segments of a circle. Problems based on areas and perimeter / circumference of the above said plane figures. (in calculating area of segment of a circle, problems should be restricted to central angle 0f $60^0$, $90^0$ and $120^0$ only, plane figures involving triangles, simple quadrilaterals and circle should be taken.)

E. **SURFACE AREAS AND VOLUMES:** Surface areas and volumes of combinations of any two of the following: cubes, cuboids, spheres, hemispheres and right circular cylinders /cones. (Problems with combination of not more than two different solids be taken).

F. **STATISTICS (Central Tendency) -** MEAN, MEDIAN & MODE (Group & ungrouped data)

## GENERAL ENGLISH
### [20 OBJECTIVE TYPE MCQ OF 4 MARKS EACH. TOTAL 80 MARKS]

**ENGLISH**
### Fill in the Blanks:

Tenses, Determiners, Subject Verb Agreement, Reported Speech, Modals
Reading Comprehension
Cloze test
Error Correction
Test on Vocabulary

## SOCIAL SCIENCE
### [20 Objective Type MCQs of 4 marks each. Total: 80 Marks]

**History**
- The Nationalist Movement in India
- Nationalism in Europe
- Print culture and the Modern World

**Political Science**
- Power Sharing
- Federalism
- Political Parties

**Geography**
- Resources and Development
- Manufacturing Industries

**Economics**
- Money and Credit
- Globalisation and the Indian Economy