**AKGEC/IAP/FM/01**

**AJAY KUMAR GARG ENGINEERING COLLEGE, GHAZIABAD**

**DEPARTMENT OF CIVIL ENGINEERING**

**Sessional Test–2**

Course: B.Tech. Semester: III

Session: 2017-18 Section: CE-1& 2 Subject: Building Materials & Construction Sub. Code: RCE-301

Max Marks: 50 Time: 2 hours

*Note:* Answer all the sections.

**Section– A**

1. Attempt **all** the parts.  **(5 x2 = 10)**

1. What are the effects of termites?
2. What are the advantages of cement paints?
3. Define distemper and varnishes. What are the various types of varnishes?
4. What is the difference between Thermoplastics and thermosetting plastics?
5. What are the different types of flooring?

**SECTION B**

2. Attempt **all** the parts.  **(5 x5 =25)**

1. Enlist the importance of hollow block construction.
2. What do you understand by king closer and queen closer?
3. What do you understand by masonry construction?
4. Discuss in detail the various principles for planning the building.
5. Define the properties of the following:-
6. Bricks
7. Gypsum
8. Timber
9. Glass

**SECTION C**

3. Attempt **all** the parts.  **(2 x 7.5 =15)**

1. Explain briefly the different components used in staircase construction with a neat sketch.
2. Explain the various methods of damp proofing.