



**NATIONAL INSTITUTE OF TECHNOLOGY PATNA**  
**END SEMESTER EXAMINATION, JAN-JUNE 2024**

**Program: UG**

**Semester: 2<sup>nd</sup>**

**Department: HSS**

**Course Code: HS21121**

**Branch: Architecture**

**Course Name: Communicative English**

**Full Marks: 45**

**Duration of Examination: 3 hours**

**Note: Answer all the questions in your own words. Each Question Carry 5 Marks.**

1. Proxemics, Haptics, Vocalics, chronemics, kinesics, personal appearance and physical environment are main features of Non-verbal communication. Discuss each unit in 50 words separately.
2. What are the major differences between a GD and a debate? Discuss how to emerge as a group leader during a G.D. that is used in the selection procedure.
3. Lack of effective listening skill results in loss of time, lowering of productivity and missed opportunity. Do you agree with the statement, if yes substantiate your answer with appropriate examples.
4. Discuss the dynamics of professional presentation in 200 words.
5. Your placements are going to commence next month what preparations you will make to combat your nervousness before and during an interview.
6. Imagine that as the media Relations officer of Mega products PVT. Ltd Delhi on the role of Media in Corporate sector. Write the full text of your speech. Invent the necessary details.
7. Everybody knows how to read. But not everybody knows how to read skillfully and artfully, illustrate the statement and point out the major hurdles in effective reading.
8. Discuss the features of an effective email. Highlights writing techniques required to draft effective professional emails. Provide appropriate examples to substantiate your answer.
9. Prepare a draft in about 150 words on any of the following topics to post on your blog.
  - (a) New Educational Policy.
  - (b) Artificial Intelligence
  - (c) Testing and Launching of 6G
  - (d) Global Warming.

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**DEPARTMENT OF ARCHITECTURE AND PLANNING**  
**NATIONAL INSTITUTE OF TECHNOLOGY**  
**ASHOK RAJPATH, PATNA**  
**End Semester Examination May 2024**

Course Code: AR21119

Course Title: History of Architecture-I

Duration: 3 Hours

Max. Marks: 60

Program: B. Arch.

Semester: II

Answer any **six** questions.

***Explain your answers with the help of sketches wherever possible.***

Q1	a. What is the importance of the study of the subject "History of Architecture"? b. Why is the architecture of Indus valley civilization called utilitarian whereas the architecture of Ancient Egypt is described as sepulchral?	5 5
Q2	Discuss the following: i. The concept of Orders with respect to Ancient Greek architecture, ancient Roman Architecture and Renaissance Architecture. ii. Different types of vaults used in various architectural styles and their differences.	5 5
Q3	a. What were the technological innovations by Ancient Romans in Architecture? b. Explain the similarities and differences between Romanesque and Gothic architecture	5 5
Q4	a. Describe the architectural style of the Renaissance architecture. b. Describe the architecture of Hagia Sophiya.	5 5
Q5	Explain with the help of sketches any <b>two</b> of the following: i. The evolution of structural systems with reference to various styles of architecture ii. The evolution of domes. iii. The evolution of arches.	5
Q6	Differentiate between any <b>four</b> of the following: a. A Vault and a Dome b. Greek Theatre and Roman Theatre c. Mastaba and Ziggurat. d. Mortuary Temples and Cult Temples built by the Ancient Egyptians. e. The Parthenon at Athens and the Pantheon at Rome.	4x2.5
Q7	Write short notes on any <b>five</b> of the following i. Byzantine architecture ii. Buttress iii. Egyptian columns iv. Great bath of Mohen-jo-daro v. Great Granary of Harappa vi. Hieroglyphs vii. Sphinx viii. Ziggurat	2x5

**NATIONAL INSTITUTE OF TECHNOLOGY PATNA**  
Department of Architecture & Planning  
END SEMESTER EXAMINATION, May 2024

**B. Arch: Semester-II**

**Course Name: Architectural Design & Field Study – 1**

**Course Code: AR21117**

**Maximum Time: 3 hours**

**Max. Marks: 60**

**Instruction:**

1. Attempt all questions
2. Assume any suitable data, if necessary.

**Qu.1. Design the Cafeteria in the institute considering the site context, its access, user behavior, which includes students, faculty, staff and visitors.**

**Consider the following considerations while designing the cafeteria.**

1. context and location of the cafeteria in the campus
2. Accessibility and movement of the user
3. Consider the existing landscape and surrounding.
4. Consider below requirements.
  - a. Dining area for faculty 10-12 nos.
  - b. Dining area for students 15-20 nos.
  - c. Kitchen area 4x3
  - d. Storage area for kitchen 3x3
  - e. Pantry 2x3
  - f. Washing Utensil area 3x2
  - g. Cash counter.
  - h. washbasin

**Requirements:**

1. Conceptual Idea/Concept illustration (5 Marks)
2. Floor Plan with furniture layout (25 Marks)
3. Elevation (10 Marks) – main road side elevation only
4. Section Drawing- two nos. (10+10 Marks)

**Instructions:**

1. Scale 1:50
2. All drawings should be well drafted in a appropriate scale



Drawings for context, location and site dimensions:

