

260316

NASC1426

RIZVI COLLEGE OF ARTS, SCIENCE AND COMMERCE

NEP-2020-EXTERNAL ASSESSMENT -A/Y: 2025-26

Programme Name: S.Y.B.A./B.Com/B.Sc./SFCs 2025-26

Semester: IV

Max Time: 1 hour

Max Marks: 30

Title of the paper: Integrated Theatre Production: Stagecraft, Costume, Music and Technology (Cultural Activities)

Credits: 2

Vertical: 6

Important Instructions:

1. All questions are compulsory.
2. Mixing of sub questions is not allowed.
3. Write in clear, legible, writing.

Q1. Answer the following multiple-choice questions:

6M

1. What does stagecraft mainly deal with?

- A) Cooking B) Stage design and lighting C) Painting walls D) Writing poems

2. Props are:

- A) Costumes B) Songs C) Objects used by actors on stage D) Tickets

3. Costumes help to show a character's:

- A) Salary B) Personality C) Marks D) Age of audience

4. Music in theatre helps to:

- A) Increase noise B) Create mood and emotion C) Stop the play D) Distract actors

5. Lighting is important because it:

- A) Makes the stage dark B) Helps audience see clearly C) Breaks the stage D) Changes the script

6. Technology in theatre includes:

- A) Microphones and sound systems B) chairs and tables C) paint D) Chalk

Q2. Attempt any two questions of the following:

6M

A. Explain the use of lighting as a narrative and an emotional tool.

B. Write a note on preparation of lighting layout plan.

C. What is a ground plan?

D. Elaborate on: Cue sheet.

Q3. Attempt any two questions of the following:

6M

A. Explain the importance of accuracy in realistic theatre costumes.

B. Give some examples of realistic /representational costumes in Hindi Theatre.

C. Write a short note on textures in costume design.

D. Write about embellishments and ornaments in costume construction in brief.

Q4. Attempt any two questions of the following:

6M

CC

- A. What are the common styles of music used in theatre?
- B. How does sound design enhance the theatrical experience?
- C. What are Foley and ambient sounds?
- D. What are a few examples of string instruments?

Q5. Attempt any two questions of the following:

6M

- A. What are types of Microphones used in theatre?
- B. What are the soft wares used in theatre?
- C. What are the practical guidelines for costume management?
- D. Explain the challenges in digital cueing and editing.

THE END

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Programme Name (With Year): SY (2025-26)

Max Time: 1 hour

Title of the paper: Extension Work (DLLE)

Semester: IV

Max Marks: 30

Credits: 02

Q.1. Rewrite the following statement by choosing the correct alternative given below.
(06 Marks)

(One mark each)

1. Journalism is related to _____.
(a) News (b) Cooking (c) Farming (d) Dancing
2. Homi Bhabha worked in the field of _____.
(a) Nuclear science (b) Acting (c) Sports (d) Fashion
3. Election literacy makes citizens _____.
(a) Responsible (b) Careless (c) Angry (d) Lazy
4. Women entrepreneurs are women who start _____.
(a) Businesses (b) Games (c) Schools only (d) Festivals
5. Palliative care improves the _____ of patients.
(a) Quality of life (b) Marks (c) Income (d) Competition
6. Radio and television are examples of _____.
(a) Mass media (b) Vehicles (c) Buildings (d) Crops

Q.2. Write Short Notes on (Any Two out of Four): (06 Marks)

- a) Importance of News
- b) Contribution of Homi Bhabha
- c) Importance of Women Entrepreneurs
- d) Importance of Voting

Q.3. Answer the following questions (Any Three out of Five): (18 Marks)

1. What is journalism? Why is it important?
2. Explain the contribution of Indian scientists.
3. Why should women be encouraged to become entrepreneurs?
4. What is palliative care? Why is it needed?
5. What is election literacy? Why is it important?

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[Time : One Hour]

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[Marks : 30]

- NB :
1. Attempt any Three Questions
 2. All questions carry equal marks.
 3. Figures to the right indicate maximum marks.

1. (a) Evaluate the role of the freedom struggle in shaping national unity. [10]
OR
(b) Discuss national interests and threats in the context of India's development.
2. (a) Explain the qualities of effective leadership with reference to historical leaders. [10]
OR
(b) Discuss the importance of interview skills in shaping personality.
3. (a) Write a short note on the honors and awards given in the Indian Army. [10]
OR
(b) Discuss the battles of the Indo-Pak War (1965/1971) and their significance in military history.

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NATIONAL SERVICE SCHEME

Time: 1:00 Hours

NASC1426

SEMESTER IV

Total Marks: 30

1. All questions are compulsory.
2. Figure to the Right indicates full marks.
3. Draw neat labeled drawings wherever necessary.

Q.1) Rewrite the following by choosing the correct options given below 06 marks.

1. Which of the following is a natural disaster?

- (a) Chemical leakage
- (b) Earthquake
- (c) Industrial explosion
- (d) Terrorist attack

2. A good project title should be:

- (a) Very lengthy
- (b) Technical and complex
- (c) Clear and concise
- (d) Only location-based

3. NDMA stands for:

- (a) National Disaster Monitoring Agency
- (b) National Development Management Authority
- (c) National Disaster Management Authority
- (d) National District Management Agency

4. Which method is used to collect numerical data?

- (a) Case study
- (b) Observation
- (c) Focus group discussion
- (d) Survey

5. Search and rescue operations are part of:

- (a) Mitigation
- (b) Preparedness
- (c) Response
- (d) Recovery

6. "Build Back Better" is mainly related to:

- (a) Preparedness
- (b) Mitigation
- (c) Rehabilitation and Reconstruction
- (d) Relief distribution

Q.2) Short Notes . (Any Two out of Four)

06marks

- 1. Disaster risk Reduction: Rehabilitation
- 2. NDMA
- 3. Geographical disaster
- 4. Environmental restoration

Q.3) Answer the following questions (Any Three out of Five) 18 marks

- 1. What is a Baseline Survey? Explain its importance.
- 2. Describe the process of Needs Assessment in a community.
- 3. Explain the components of a Project Proposal.
- 4. Discuss the importance of youth participation in nation-building.
- 5. Describe the importance of community participation in development programs.

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Instructions:

1. All questions are **compulsory**.
 2. Mixing of sub questions are not allowed.
 3. Write in clear, legible, writings.
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Q I Attempt any two : -

(10)

1. Define software engineering principles. Explain how engineering practices differ from coding.
2. Describe the Incremental Model and explain how it supports early product delivery.
3. Explain the Prototyping Model and state its benefits in requirement clarification.
4. Describe Extreme Programming (XP) and explain any four of its practices.

Q II Attempt any two : -

(10)

1. Compare functional-oriented design with object-oriented design.
2. Explain COCOMO II and discuss its importance in effort estimation.
3. Describe project scheduling techniques using Gantt charts.
4. Explain verification and validation and differentiate between them.

Q III Attempt any two : -

(10)

1. Explain the components and characteristics of a good SRS document.
2. Describe the Sequence Diagram and explain its role in interaction modeling.
3. Explain black-box testing and its common techniques.
4. Explain the Make-or-Buy decision and factors influencing it.

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IoT Technologies

Instructions:

- 1) All questions are compulsory.
 - 2) Mixing of sub questions is not allowed.
 - 3) Write in clear, legible, writing.
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Q1) Attempt any two:

(10 Marks)

1. Define the Internet of Things (IoT). List any two characteristics.
2. List the components of an IoT system.
3. List the layers of the three-layer IoT architecture.
4. State any three enabling technologies of IoT.

Q2) Attempt any two:

(10 Marks)

1. List any three sensors and three actuators used in IoT systems.
2. List the communication protocols used in IoT.
3. State the functions of Wireless Sensor Networks (WSNs) in IoT.
4. Explain the working principle of a temperature sensor.

Q3) Answer briefly in 2-3 lines (Any 5 out of 7):

(10 Marks)

1. Explain the evolution and growth of IoT.
2. Explain the difference between IoT and M2M communication.
3. Describe the five-layer IoT architecture with its functions.
4. Explain the physical design and logical design of IoT systems
5. Illustrate an IoT-based smart lighting system using the three-layer architecture.
6. Choose a suitable IoT hardware platform for a home automation system and justify your choice.
7. Show how PWM is used to control LED brightness in an IoT system.

Computer Networks**Instructions:**

- 1) **All** questions are **compulsory**.
 - 2) Mixing of sub questions is not allowed.
 - 3) Write in clear, legible, writing.
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- Q1) Attempt any two: (10)
- A) Discuss different network topologies with neat diagrams.
 - B) Differentiate between LAN, MAN, and WAN.
 - C) Explain cellular telephony generations from 2G to 5G.
 - D) Explain transmission modes with examples
- Q2) Attempt any two: (10)
- A) Explain Quality of Service in networks.
 - B) Explain FTP and its modes of operation.
 - C) Explain Transmission Control Protocol (TCP).
 - D) Compare RIP and OSPF.
- Q3) Attempt any two: (10)
- A) Explain simplex, half-duplex, and full-duplex modes.
 - B) List any two basic networking hardware devices
 - C) Explain the concept of packet switching in computer networks.
 - D) Compare TCP and UDP.

RIZVI COLLEGE OF ARTS, SCIENCE AND COMMERCE
Second Year Of Information Technology (SYIT) & Computer Science (SYCS)
End of Fourth Semester Examination March 2025-26

Subject:- Introduction to Communication skills-II

Vertical:AEC

Semester: IV

Duration: 1 hour

Max Marks: 30

Q.1 Short Notes (Any 2 out of 4) – 10 Marks

- a) Indian English – Features and Significance
- b) Modes and Types of Interview
- c) Elevator Pitch – Structure and Examples
- d) Appropriacy and Accuracy in Communication

Q.2 Unseen Passage – 10 Marks

Read the Passage Carefully and Answer the questions that follow (200–250 words):

Effective communication is one of the most valued skills in today's professional world. Employers seek individuals who can express ideas clearly, listen actively, and adapt language according to context. Communication failures often arise not due to lack of knowledge but due to poor presentation or misunderstanding of the audience.

Listening plays a crucial role in communication. Active listening involves predicting content, identifying key ideas, and making inferences from tone and body language. It helps individuals understand opinions and counter-arguments, especially during discussions and interviews. Students who develop communication skills early gain confidence and clarity. Whether it is participating in group discussions, attending interviews, or writing formal emails, strong communication creates a positive impression. Hence, communication skills are not optional but essential for academic success and career growth.

Questions:

- a) Why are communication skills important in the professional world?
- b) What is active listening?
- c) How does listening help in discussions and interviews?
- d) Give suitable meanings of:
 - i) adapt
 - ii) impression
- e) How does Communication failure arise?

Q.3 Writing Skills (Any 1 out of 3) – 10 Marks

- a) Write a formal email registering a complaint regarding poor facilities in a college hostel.
- b) Write an Academic Report on students' performance in the semester examination.
- c) Write a short speech on "The Importance of Communication Skills in Student Life."

Max Time: 1 hr

SY IT/CS Semester IV

Max Marks: 30

Biodiversity and Environmental Conservation

Instructions:

1. All questions are compulsory.
 2. Mixing of sub questions is not allowed.
 3. Write in clear, legible, writing.
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(Q.1 Answer the following question (Any 2)

(15 Marks)

1. What is biodiversity? Explain types of biodiversity.
2. Write short notes on biodiversity at the global level, national level and local level.
3. Write in detail about any two biodiversity hotspots of India.

(Q.2 Answer the following question (Any 2)

(15 Marks)

1. What is pollution? State different types of pollution and write detailed note on any one type.
2. Write notes on any two natural disasters.
3. What are the effects and solutions of ozone layer depletion?
