S.Y.BSc.IT - Sem IV - NEP-Reg-Exam - Mar'2026

Malini Kishor Sanghvi College of Commerce and Economics

Dt:- 5.3.26

M.K. SANGHVI COLLEGE OF COMMERCE & ECONOMICS MUMBAI-49

Class:SYBCOM/SYBMS/SYBAF/SYBFM/SYBAMMC/SYBSCIT/SYBBI/SYBIM/SYBAFTNMP

Subject: Integrated Theatre Production **Marks: 30**

Semester: IV **Time: 1 hour**

Note:1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Answers to each question must be written on a new page.

Q. 1. Multiple Choice Questions: **06**

1. Lighting layout plan, ground plan, and cue sheets together form the _____ of theatre lighting preparation and documentation.

(a) Backbone (b) Mix (c) Method (d) Outline

2. _____ placement refers to the position and direction of lights on the stage.

(a) Light (b) Colour (c) Intensity (d) Focus

3. _____ is the technique of stitching or gluing small pieces of fabric onto a larger base to create decorative patterns.

(a) Applique (b) Painting (c) Embroidery (d) Weaving

4. A good musical background stays in the _____ of the audience.

(a) Memory (b) Music (c) Mastery (d) Foreground

5. _____ is one of India's most popular classical instruments.

(a) Sitar (b) Flute (c) Shehnai (d) Tabla

6. Programs like Adobe Premiere Pro allow _____ of pre-recorded visuals of projections with live performances.

(a) Synchronization (b) Stream-lining (c) Sensitizing (d) Editing

Q. 2. Answer the following: (Any 2) **06**

A. Briefly explain the lighting layout plan.

B. Express the ground plan of stage organisation.

C. Discuss in brief the cue sheet making.

D. Explain the light placement on the stage.

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Q. 3. Answer the following: (Any 2) 06

A. Briefly explain Texture and Silhouette as elements of costume design.

B. Explain fabric selection in respect of costume construction.

C. Discuss painting as a decorative element in costume design.

D. Explain the symbolic design approach in theatre.

Q. 4. Answer the following: (Any 2) 06

A. Explain the objectives of background music in theatre production.

B. Distinguish between Live Performance Effects and Recorded Effects.

C. Discuss the synchronising of sound with cues.

D. Explain the synchronising of sound with performance.

Q. 5. Answer the following: (Any 2) 06

A. Explain microphones as an element of sound equipment.

B. Discuss the integration of computers and software in sound and music production.

C. Explain Cueing Using Digital Platforms for live performance.

D. State the managing of technical aspects using digital platforms.

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Dt:- 5.3.26

CLASS: S. Y. BCom)/ BMS/ BAF/ BFM/ BSc IT/ BBI/ BIM/ BAFTNMP/BAMMC SEMESTER: IV

SUBJECT: Environmental Management and Sustainable Development (EMSD-II) DURATION:1hr

NOTE: 1. Attempt ANY THREE Questions of the following. MARKS:30
2. Figures to the right side indicates maximum marks.

SWAMI VIVEKANAND COLLEGE OF COMMERCE & ECONOMICS MUMBAI-49

Q. 1 Explain in detail the thermal and radioactive pollution. 10

Q. 2 Briefly explain the Life Cycle Analysis. 10

Q. 3 Write a note on the Earth Summit at Johannsburg, 2002. 10

Q. 4 Explain the case study on the Cash begins growing at Gorai Dump Yard. 10

BEST OF LUCK

S.Y.BSc.IT - Sem IV - NEP - Reg - Exam - Mar'2026

Dt:- 6.3.26

S. Y. B. SC. (I.T) (NEP) Semester IV

Marks : 60 Sub : Industry and Service Management (III) Time : 2 Hours

Note : Write any four question from the following.

COLLEGE OF COMMERCE & ECO... MUMBAI-49 SOMAIYA

Q.1. Answer the following. **(15)**

a) Define Project and explain five features of project.

b) Explain four key principles of CRM.

Q.2. Answer the following. **(15)**

a) Explain in detail Sales force Automation.

b) Explain Techniques for fostering Trust and Transparency.

Q.3. Answer the following. **(15)**

a) Define CRM projects goals and objectives using SMART Criteria

b) Explain identifying risks in CRM projects.

Q.4. Answer the following : **(15)**

a) What is e-CRM ? explain the features of e-CRM.

b) Explain Best practices in CRM project Management.

Q.5. Answer the following : **(15)**

a) What is CRM ? Explain importance of CRM in modern business.

b) Explain customers needs in projects.

Q.6. Answer the following : **(15)**

a) Write note on gantt Chart and PERT use in CRM.

b) Explain use of CRM in the Indian service Industry.

S.Y. BSCIT - Sem IV - NEP - Reg - Exam - Mar' 2026

Dt:- 7.3.26

SUB: Introduction to Communication Skills in English – II **Set-B** **TIME: 1 hr**

COURSE: SYBSCIT **SEM 4** **MARKS: 30 mks**

N.B. (1) All questions are compulsory.

(2) Figures to the right indicate full marks.

Q. 1. Write short notes. (Any Two) **(10)**

1) Grievances and Selection Interview

2) Indianism and Indian English

3) Distinction between American and British English

4) Process of Group Discussion

Q. 2. (A) Read the extract and complete the activities given below : (10)

Change is the only constant and disruptive technologies are only quickening its pace. "I've been an entrepreneur all my life. Never has the pace of change been as high as it is today. Today, we are facing a large number of disruptive forces, especially those caused by technology," Nilekani said. He shared the example of the iPhone, which is currently celebr at ing it s 10th anniversary. "What we have seen in the past 10 years is a complete change in the balance of technology from serving the enterprise to serving the consumer. Today, when you look at the leading companies in the world by Market Capitalisation, they are all companies that service consumers like Facebook, Google, Amazon, Apple and so on. This is because the balance of power has shifted to consumer technology," He said. The constant change will require constant learning and relearning. The core message from Nilekani therefore was : Lifetime learning. "The good news is that you have got degree from IIT Madras. The not so good news is that you can't stop learning. You will have to keep learning for the rest of your life because we are now entering an era of lifelong learning," he said. And by life-long learning, he didn't mean "going to a campus and have fun for five years." It will be learning in short bursts, any time learning, anywhere learning. It's going to be just in time learning. A lot of it will even be online learning. This need for constant learning and relearning will come because of our collective inability to predict the kind of jobs that will be done in future or the kind of organisations that people will be working for in future. The high rate of automation in the jobs will have an impact on the way jobs are done. We have seen in the past that technology has made repetitive jobs go away as computers became more and more powerful. In the past 10-15 years, you are seeing the rise of AI (Artificial Intelligence) and Machine Learning. And increasingly, in the last 5-6 years, the rise of deep learning, which allows you to use a new kind of technology called neural networks that use a lot of data to make machines smarter and smarter.

Q.1. Read the following statements and find the two correct statements that state the theme of the extract : (2)

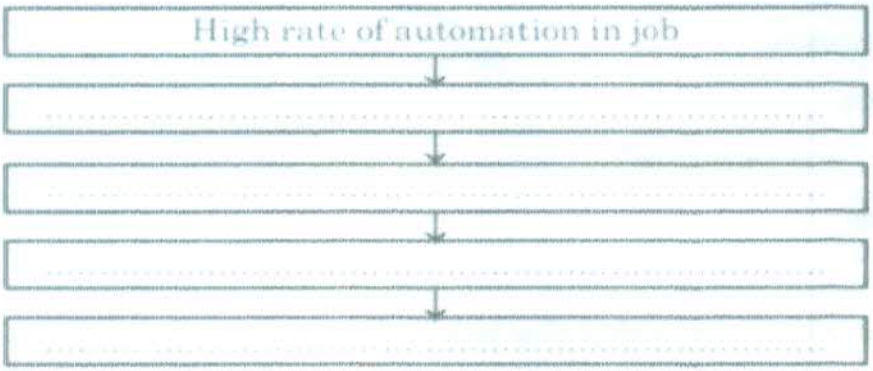
(a) The extract is about Nandan Nilekani as an entrepreneur and his achievements.

(b) The extract is about a change in technology in recent past and changes resulted from it.

(c) The extract is about life-long learning and relearning for the rest of our life.

(d) The extract is emphasizing only about online education.

Q.2. Complete the flow chart on the need for constant learning and relearning. One is done for you. Find the information from the extract and complete the flow chart. (2)



Q.3. Illustrate the idea of lifelong learning as mentioned in the extract. (2)

Q.4. Today, online education has become an integral part of all sectors. Write your views. (2)

Q.5. Write a 'Summary' of the above extract by using the following points – Change and disruptive technologies — constant learning and relearning — lifelong learning — impact on the job. (2)

Q. 3. ATTEMPT ANY TWO. (10)

a) Draft a report on a NSS Blood Donation Camp.

b) Write an essay on "My first day at college."

c) Write an E-mail to Enquire about Hostel Accommodation Availability.

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CORE JAVA **SYBSCIT** **SEM-IV** **TOTAL MARKS: 30**



Q1 (Module 1) – Attempt any two (15 marks)

I. Explain the concept of access modifier's, static members and garbage collection in detail.

Loop In Java

II. Explain the concept of ~~constructors, this keyword and super-keyword~~.

III. Explain the concept of polymorphism in java programming

IV. Explain decision making statements with example in java programming?

Q2 (Module 2) – Attempt any two (15 marks)

I. Explain the concept of constructors, this keyword and super-keyword.

II. Difference between predefined and user defined packages.

III. Explain thread life cycle in detail.

IV. Explain try catch and finally blocks in exception handling

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Dt:- 9.3.26

Malini Kishor Sanghvi College of Commerce and Economics

S.Y.B. Sc INFORMATION TECHNOLOGY (Semester IV)
FIRST HALF 2026
SUBJECT: SOFTWARE ENGINEERING

N.B. 1. ALL QUESTIONS ARE COMPULSORY WITH INTERNAL CHOICE
2. EXPLAIN WITH EXAMPLE, ALGORITMS ETC. WHEREVER NECESSARY

Time: 1 HOUR **Max Marks: 30**

Q1.	**Answer the following (ATTEMPT ANY TWO)**	**15**
	a. What is Software Engineering? State the categories of Software.	
	b. Describe the RAD Model.	
	c. Describe the Scrum Process.	
	d. What is Sprint Execution and Tracking?	
Q2.	**Answer the following (ATTEMPT ANY TWO)**	**15**
	a. Explain Measurements in Scrum.	
	b. Describe Customer Management in scrum.	
	c. What is Quality Management in Scrum?	
	d. Describe Software Development Lifecycle.	

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Dt:- 9.3.26

Malini Kishor Sanghvi College of Commerce and Economics

S.Y.B. Sc INFORMATION TECHNOLOGY (Semester IV)
FIRST HALF 2026
SUBJECT: COMPUTER NETWORKS.



N.B. 1. ALL QUESTIONS ARE COMPULSORY WITH INTERNAL CHOICE
2. EXPLAIN WITH EXAMPLE, ALGORITMS ETC. WHEREVER NECESSARY

Time: 1 HOUR **Max Marks: 30**

Q1.	**Answer the following (ATTEMPT ANY TWO)**	**15**
	a. Describe the working of Computer Network and its building blocks.	
	b. Explain the mapping of logical IP Address to physical Media Access Controls.	
	c. Explain the working of Mobile Internet Protocol.	
	d. Describe Routing Information Protocol and various associated protocols.	
Q2.	**Answer the following (ATTEMPT ANY TWO)**	**15**
	a. Explain the working of Transmission Control Protocol.	
	b. Describe Host Configurations and its Protocols.	
	c. Describe the working of World Wibe Web and its architecture.	
	d. Describe Small Mail Transfer Protocol and its working.	

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