

**BACHELOR OF VOCATION**  
**BPM and Analytics**  
**Subject: Project Management**  
**Subject Code: GBSE301**  
**Semester: Fifth**  
**January 2021**  
**Theory (External): 70 Marks**  
**Time: 03 Hours**

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**Instructions to the Students**

1. This Question paper consists of two Sections. All sections are compulsory.
2. Section A comprises 10 questions of objective type in nature. All questions are compulsory. Each question carries 2 marks.
3. Section B comprises 8 essay type questions out of which students need to do any 5. Each question carries 10 marks.
4. Read the questions carefully and write the answers in the answer sheets provided.
5. Do not write anything on the question paper.
6. Wherever necessary, the diagram drawn should be neat and properly labelled

<b>Roll Number</b>										

**SECTION –A (SHORT/OBJECTIVE TYPE QUESTIONS)**  
**(10x2=20 Marks)**

- A List out the facets of project analysis.
- B Define project breakeven point.
- C Discuss the need of market analysis in brief.
- D List out the time series projection methods of demand forecasting.
- E What is operational feasibility of the project?
- F Define EOT and LOT.
- G Define ecological analysis.
- H Discuss the variance analysis approach to project control.
- I Why SCBA is necessary for every project?
- J Discuss the importance of Group functioning project management.

**SECTION -B (ESSAY TYPE QUESTIONS)**  
**(5x10=50 Marks)**

- 1 What considerations should the project manager bear in mind with regard to feasibility of the project? Also discuss the importance and types of feasibility analysis in any business project.
- 2 Discuss the procedure for determining whether a project should be continued, terminated or divested.
- 3 Write a detailed note on network techniques for project management.

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Activity	Time		Cost	
	Normal	Crash	Normal	Crash
(1-2)	5	2	6000	9000
(2-4)	6	3	7000	10000
(1-3)	4	2	1000	2000
(3-4)	7	4	4000	8000
(4-7)	9	5	6000	9200
(3-5)	12	3	16000	19600
(4-6)	10	6	15000	18000
(6-7)	7	4	4000	4900
(7-9)	6	4	3000	4200
(5-9)	12	7	4000	8500

Draw the Network diagram

Determine all the normal and critical paths

- 5 What types of groups may be formed in a project setting? Also discuss authority and orientation problems in the same.

- 6 Matrix Limited had setup a project 4 years ago. The project has a remaining life of 6 years. The cash flow forecast for the balance life is as follows:

Year	1	2	3	4	5	6
Cash flow forecast	30	35	45	50	30	25

The salvage value of the project if terminated is INR 120 million. A third party has offered to buy the project for INR 175 Million. The discount rate is 12 percent. What should matrix do?

Also give the justification behind your say.

- 7 Write notes on following:
- a) Environmental appraisal of projects
  - b) Consortium financing
- 8 Discuss the five forces that shape the profit potential of an industry.

====END OF PAPER=====