GOVERNMENT COLLEGE OF ENGINEERING, JALGAON
(An Autonomous Institute of Government of Maharashtra)
National Highway No.6, JALGAON – 425 002

Phone No.: 0257-2281522	Fax No.: 0257-2281319
Website : www.gcoej.ac.in	E-mail : princoej@redifmail.com

Name of Examination : **Winter 2020** - (Preview)

Course Code & Course Name : **ME451U - Project and Financial Management**

Generated At : **18-04-2022 16:29:36**

Maximum Marks : **60**   Duration : **3 Hrs**

[Edit] [Print] [View Answer Key] [Close] **Answer Key Submission Type:** Marking scheme with model answers and solutions of numerical

Instructions:

1. *All questions are compulsory.*
2. *Illustrate your answer with suitable figures/sketches wherever necessary.*
3. *Assume suitable additional data; if required.*
4. *Use of logarithmic table, drawing instruments, and non-programmable calculators is allowed.*
5. *Figures to the right indicate full marks.*

---

1)   Attempt any two

a) Describe the different types of projects.   [6]

b) Explain with neat sketch the project life cycle curves.   [6]

c) The desired production in a toy manufacturing facility is 96 items for 8 hrs. shift. The following six tasks are required to produce one sub-assembly.   [6]

Task	a	b	c	d	e	f
Time Required (min.)	4	5	3	2	1	5
Predecessor Task	–	a	a	b	b, c	d, e

(i)   Determine cycle time.
(ii)   Draw the precedence diagram.
(iii)   Balance the line.
(iv)   Compute the balance delay and line efficiency.

2)   Attempt any two

a) Describe with neat sketch Fulkerson's rule of numbering the events.   [6]

b) Differentiate between CPM and PERT.   [6]

c) A small project include major activities whose time destinations are listed in the table   [6]

Table

Steps	T_o (Optimistic)	T_i (Most likely)	T_p (Pessimistic)	Activity
1-2	1	1	7	A
1-3	1	4	7	B
1-4	2	2	8	C
2-5	1	1	1	D
3-5	2	5	14	E
4-6	2	5	8	F
5-6	3	6	15	G

Draw network and find :
(i)   Expected duration and variance of each activity.
(ii)   Expected project length.
(iii)   Variances and standard deviation of project length.

3)   Attempt any two

a) Describe the functions of management in brief.   [6]

b) Give salient features of proprietorship organization(Individual Ownership).   [6]

c) Give salient features of the co-operative organization.   [6]

4)   Attempt any two

a) Describe the Functions of Financial Management.   [6]

b) Explain the various sources of Finance.   [6]

c) Explain the various elements of costs?   [6]

5)   Attempt any two

a) What is the 5R's of Buying?   [6]

b) What is the scope of material management?   [6]

c) Write short notes on 1) ABC analysis   [6]
           2) Classification of inventory model.

Auto Generated by SsOES v6.2