GURU NANAK INSTITUTE OF TECHNOLOGY
An Autonomous Institute under MAKAUT
2020-2021
PROJECT DEVELOPMENT AND RESOURCE MANAGEMENT
MCE 301

TIME ALLOTTED: 3 HOURS   **FULL MARKS: 70**

The figures in the margin indicate full marks.
Candidates are required to give their answers in their own words as far as practicable

GROUP – A
(Multiple Choice Type Questions)

Answer any *ten* from the following, choosing the correct alternative of each question: **10×1=10**

			Marks	CO No.

1. i)   The abbreviation 'T' in 'TRIPS' stands for
         a) Trade
         b) Term   01   CO3
         c) Technology
         d) None

    ii) MIS stands for
         a) Management information system
         b) Management inspection system   01   CO2
         c) Management innovation system
         d) None

    iii) AOA networking convention means
         a) Activity On Arrow
         b) Addition On Arrow   01   CO3
         c) Addition On Activity
         d) None

    iv) The important functions of financial management is
         a) Raising funds
         b) Distributing surplus   01   CO4
         c) Financial control
         d) All of the above

    v)   Which of the following estimation is carried out first by a project manager
         during project planning?
         a) estimation of cost   01   CO3
         b) estimation of the duration of the project
         c) project size estimation
         d) estimation of development effort

    vi) Resources refers to
         a) Manpower
         b) Machinery   01   CO5
         c) Materials
         d) All of the above

    vii) The entire process of a project may be considered to be made up on
         number of sub process placed in different stage called the
         a) Technical key resources   01   CO5
         b) Work key structure
         c) Work Breakdown Structure (WBS).
         d) None of the above

viii) ……………. costs are those cost of which some portion remains fixed at the given level of production.
    a) Semi-variable
    b) revenue   01   CO2
    c) direct
    d) indirect

ix) Data Set = 2, 5, 9, 3, 5, 4, 7. Find the mean:
    a) 7
    b) 8   01   CO3
    c) 5
    d) 10

x) Data Set = 2, 5, 9, 3, 5, 4, 7. Find the median:
    a) 5
    b) 3   01   CO2
    c) 4
    d) 7

xi) Data Set = 2, 5, 9, 3, 5, 4, 7. Find mode:
    a) 2
    b) 5   01   CO1
    c) 3
    d) 4

xii) A……….. is a range of values where true value lies in:
    a) Confidence interval
    b) Quartile range   01   CO2
    c) Sample
    d) Mean

GROUP – B
(Short Answer Type Questions)
(Answer any *three* of the following)   **3 x 5 = 15**

Marks   CO No.

No.	Question	Marks	CO No.
2.	Compare PERT and CPM. What is meant by crashing of a network?	5	CO1
3.	What are the critical areas of TRIPS? Briefly describe them.	5	CO5
4.	Explain Central limit theorem.	5	CO2
5.	What is the difference among a fixed cost a semi variable cost and a variable cost?	5	CO3
6.	What is meant by direct and indirect tax? Explain with example?	5	CO4

GROUP – C
(Long Answer Type Questions)
(Answer any *three* of the following)   **3 x 15 = 45**

Marks   CO No.

No.		Question	Marks	CO No.
7.	a)	What is Intellectual Property (IPR)? State the importance of IPR.	3+4	CO5
	b)	What is Patent? Explain elaborately the right and Duties of Patent.	2+6	CO5
8.	a)	Discuss either a classical or a neo-classical theory of management. What is Chi square test?	6+2	CO4
	b)	Write the definition and concept of budget.	7	CO1
9.	a)	Explain any motivational theory of your choice.	5	CO2
	b)	Explain the significance of Strength-Weakness-Opportunity-Threats analysis of any project.	5	CO3

	c)	Explain the following		
		i) Meaning and objective of research	5	CO5
		ii) Types of research		
10.		How to increase the effectiveness of organizational communication? Explain in detail.	15	CO4
11.	a)	What is meant by quality improvement strategy?	10	CO5
	b)	What Was Needed To Implement Quality Improvement Strategies?	5	CO5