

KATHMANDU UNIVERSITY
End Semester Examination [C]
May/June, 2019

Marks scored:

Level : B. E./B. Sc.

Year : IV

Exam Roll No. :

Time: 30 mins.

Course : MGTS 403

Semester: I

F. M. : 20

Registration No.:

Date 31 MAY 2019

SECTION "A"
[20Q. × 1 = 20 marks]

Encircle the most appropriate answer among the given choices.

1. Top managers are responsible for _____
 - a. making plans of intermediate range
 - b. interchanging and coordinating function
 - c. defining the character, mission and objectives of the enterprise
 - d. none of the above

2. Engineering Manager differs from ordinary manager because _____
 - a. he performs management and technical function
 - b. he should not manage marketing
 - c. he should not lead and motivate people of the organization
 - d. both b & c

3. The mule is one of the inventions which changed the society irretrievably. It is the combination of _____
 - a. spinning jenny and power loom
 - b. water frame and steam engine
 - c. spinning jenny and water frame
 - d. steam engine and power loom

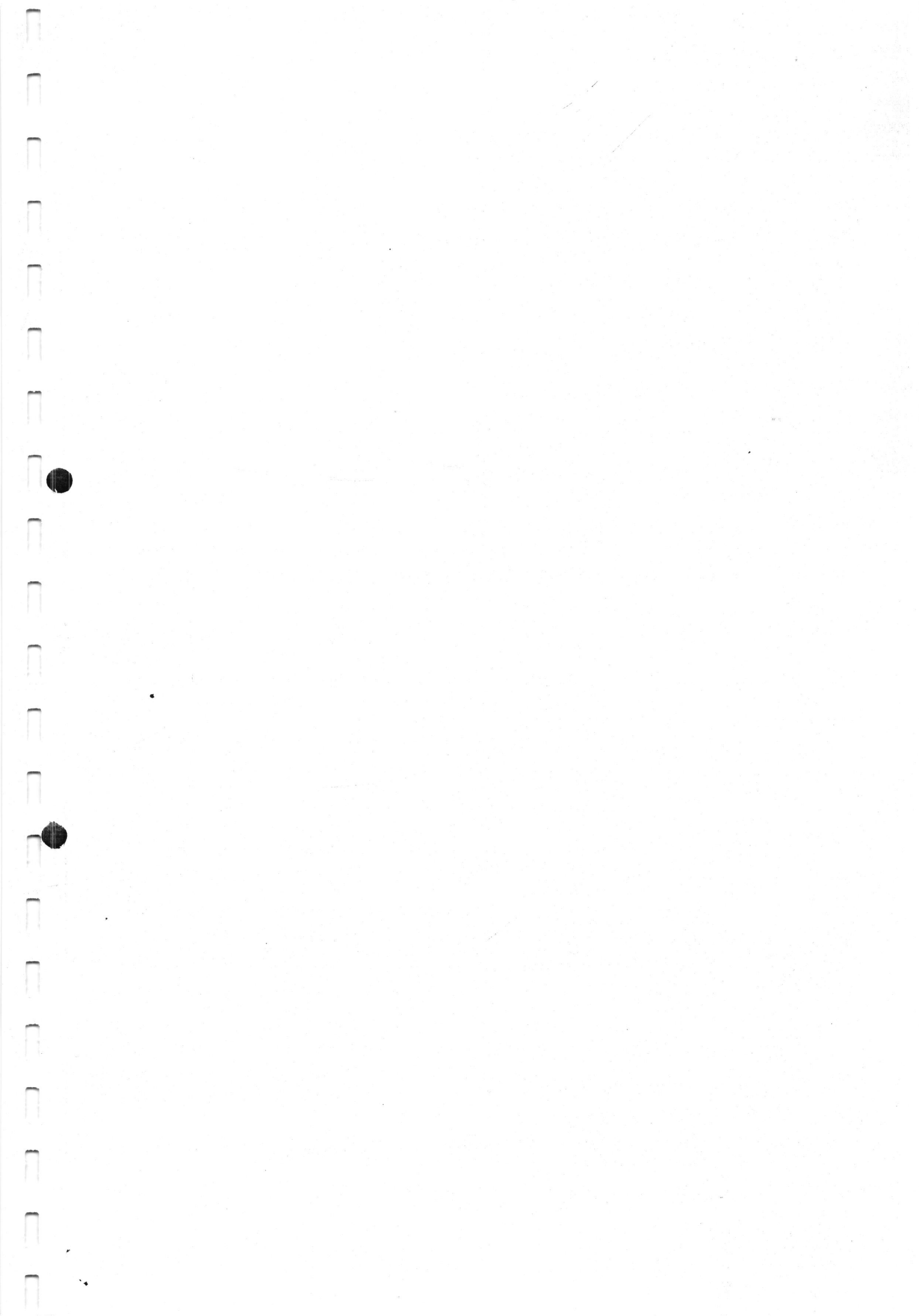
4. When you have a large share of the market that has slow growth, you _____
 - a. will want to invest more and make more effort to gain the pace in growth of the market
 - b. will invest the profit from this market into other stars product
 - c. will liquidate
 - d. b & c

5. Planning horizon means _____
 - a. guides for decision making
 - b. assumptions on which planning is to be based
 - c. how far into future one should plan
 - d. one of the sequence of activities to accomplish a desired purpose

6. In normative technological forecasting, _____
 - a. process is developed and then future goal is set
 - b. process is developed after future goal is set
 - c. only future goal is set
 - d. only process is developed

7. Rational decisions are made under _____
- knowledge of consequences that will follow on any one alternative
 - knowledge of consequences that will follow on every alternative
 - without knowledge of consequences that will follow on any alternative
 - pressure to reach the decision
8. If the probability of future state of nature is 0.4 and has constant cost of Rs 4000/- then expected outcome be calculated to be: _____
- Rs 4000/-
 - Rs 16000/-
 - Rs 0.4
 - Rs 1600/-
9. Which of the following point will not be acquired by having larger span of control?
- reduction in administrative cost
 - more effective and efficient organization communication
 - less effective and inefficient organization communication
 - better leadership at all level
10. Delegation of authority means _____
- withdrawing authority from subordinate to manager
 - transferring authority from manager to subordinate
 - assigning task to subordinate without necessary resources.
 - complaining about misuse of authority.
11. Maslow's Hierarchy of needs suggests that safety need come into play _____
- after love needs
 - before love needs
 - before physiological needs
 - after esteem needs
12. According to Victor Vroom's expectancy theory, "Person's perception about attaining the performance which leads to intrinsic or extrinsic reward is": _____
- effort -to-performance expectancy
 - performance-to-effort expectancy
 - performance-to-outcome expectancy
 - outcome-to-performance expectancy
13. In Diplomatic style of leadership, _____
- manager involves non-managers' decision heavily
 - manager obtains non-managers' ideas and uses them in decision making
 - manager makes decision without consultation but tries to persuade non-managers to accept them
 - manager makes decision with little or no involvement of non-managers
14. In financial statement, Net Income is calculated as _____
- revenue - expenses
 - revenue + taxes- expenses
 - revenue - expenses - taxes
 - expenses + taxes
15. One of the new product strategy, "Follow the leader" _____
- does not require Research & Development process
 - requires few efforts on Research but demands strong development engineering
 - requires copying the designs from others, buying & leasing the necessary technology.
 - uses an established product to produce customer's particular need.

16. If a new product is to be developed using Concurrent Engineering approach, it _____
- combines involvement of engineering and non-technical disciplines which saves time
 - combines involvement of engineering and non-technical disciplines although it takes longer time
 - involves only engineering discipline to save time
 - involves only non-technical discipline to save time
17. Greater reliability is achieved in _____
- simple parallel model
 - simple series model
 - parallel in series model
 - series in parallel model
18. Project duration is shortened by Project Crashing technique in which _____
- critical activity with less slope (dollars/week) is crashed
 - non critical activity with less slope (dollars/week) is crashed
 - critical activity with maximum slope (dollars/week) is crashed
 - non critical activity with maximum slope (dollars/week) is crashed.
19. Which of the following statement regarding statistics of Quality is true?
- Preventive cost is higher when quality of conformance is lower
 - Preventive cost is lower when quality of conformation is lower
 - Preventive cost is higher when quality of conformation is higher
 - Preventive cost is lower when quality of conformation is higher
20. Ergonomics is the process of _____
- applying principle of economics in engineering.
 - designing workplace comfortably and safely.
 - designing workplace uncomfortably and unsafely.
 - designing workplace economically.



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Level : B. E./B. Sc.
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Time : 2 hrs. 30 mins.

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Semester: I
F. M. : 55

SECTION "B"

[7Q. × 5 = 35 marks]

Attempt *ANY SEVEN* questions.

1. If you are thinking to establish an organization to develop a software and planning to sell in the market of Nepal. How will you organize your organization?
2. Explain in brief about the sources of power used in organization.
3. Imagine you are one of the active member of organizing committee of KU-EXHIBITION, what would you do to make the committee effective?
4. Clarify on necessity of receiving adequate salary and achievement according to Herzberg's two factor theory.
5. How can you protect yourself against liability of product that you develop for your client?
6. What are various quality costs? Explain.
7. Which skills do you require to have if you have been appointed as a project manager?
8. What are the factors to be considered to have effective communication with your client?
9. Distinguish between (*ANY TWO*)
 - a. Manager & Engineer Manager
 - b. Theory X & Theory Y
 - c. Job description and job specification

SECTION "C"

[2Q. × 10 = 20 marks]

Attempt *ALL* questions.

10. Discuss about Hersey and Blanchard life cycle theory of leadership. Relate it to you in your future career.
11. Do you think that a company developing a new product should make R&D as a part of strategic planning? Justify your answer on the basis of New Product Strategies offered by Ansoff and Stewart.

OR

12. Consider that you own right to a plot of land under which there may or may not be oil. You are considering three alternatives; A1: doing nothing (don't drill), A2: Drill at your own risk (drill alone) at expense of \$500000 & A3: allow other to invest and share profit if (Farming out). Each alternative is probable to face three states of nature N1: dry hole, N2: small well & N3: big well.
Probable profit under A2 is 300000 to 9300000 under state of nature N2 & N3 respectively.
Probable profit under A3 is 125000 to 1250000 under state of natures N2 & N3 respectively. Choose the best alternative from the given information using Maximin method and Minimax Regret method.

